



LIVE ELECTRICAL DISTRIBUTION UK LTD

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LIVE ELECTRICAL

2026 PRODUCT PORTFOLIO

Metal Clad Consumer Units / 18th Edition Consumer Units / MCB / RCD /
RCBO / Metal Enclosures / AC Contactor / SPD / Isolators / Fused Switch /
Industrial Control/Socket / Accessories





LIVE ELECTRICAL
DISTRIBUTION
UK LTD

ABOUT US

Live Electrical Distribution (UK) Ltd was founded in November 2010. Since then we have continuously evolved and improved our product range to meet the needs of our customers. Our philosophy is simple - we offer a quality product, at a competitive price, with swift delivery.

Here at Live, we believe our success is down to the way we treat our employees and customers. Every member of our team plays a vital part in the operation and every customer is valued as much as the next. We always aim to provide the highest level of customer service, from the moment we receive your enquiry until after you've received your order. This attitude has helped us develop and maintain our customer base year on year, since the day we opened our doors.



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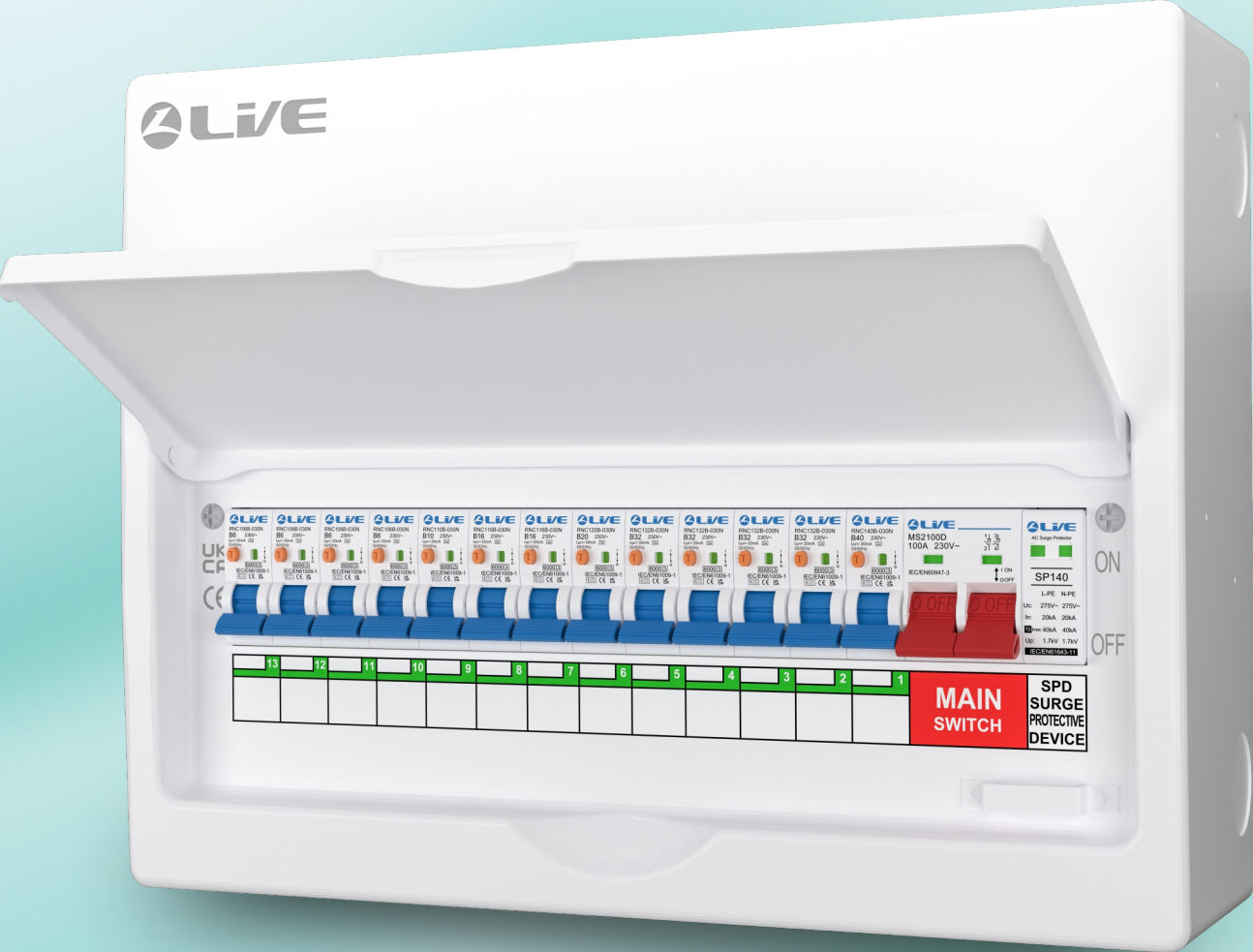
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METAL CONSUMER UNIT ENCLOSURE

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Laser logo



Knock out on top and bottom



Retained Screws

Free Accessories List

Busbar Cap: 2Pcs	Busbar End Cover: 2Pcs
Cable Gland: 1Pcs	Label Sheet: 1Pcs
Metal Blank: 2Pcs	Grommet Strip: 1Pcs
Terminal Bar Clip: 1Pcs	Lid Holding Clips: 1Pcs
Blanking Cover: 4-12Way:1Pcs	
14-18Way:2Pcs , 22-24Way:3Pcs	

Main Switch Double Wiring Terminal

Surge protection Device Auto Disconnect

Spirit Level

32mm Knock Outs 2 on each side

Available from 4-24 modules Single stack



Mounting bracket option available



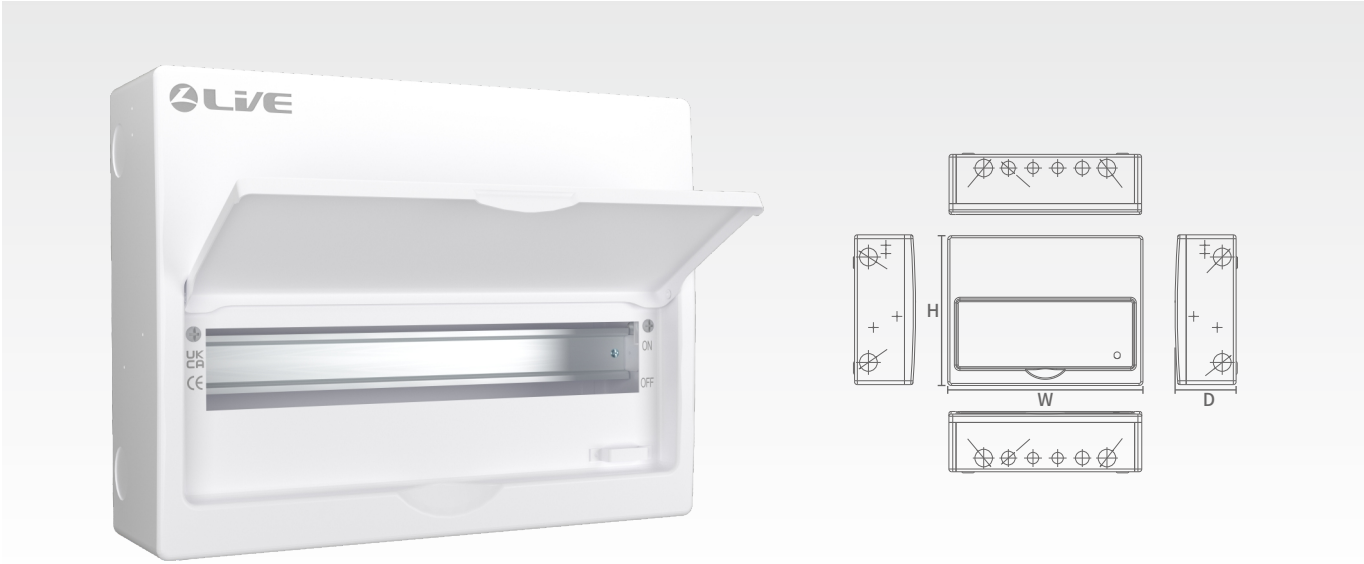
Lid installation clip



Lock available



Metal Consumer Units Surface Mounted



Design Features

- Consumer unit enclosures supplied with blank, Neutral Cable, Busbar, Neutral & Earth Terminal bar, Din Rail, cable gland.
- Fully enclosed metal construction body with drop down metal lid.
- Multiple circular cable entry knock-outs (20,25&32mm) on the top and bottom,32mm on the sides, and back plus larger slots.
- Raised key holes for secure easy installation.
- Raised Din rail improves cable routing.
- Large and accessible wiring space, with extra space for RCBOs, MCBs.
- Flexible connection allows for various configurations of protected ways.
- Lockable lids.
- Modern style finished in white polyester powder coating to RAL9010.
- Installation clip, busbar caps.
- IP40.
- BSEN61439-3.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LSMC04	4 Way Metal clad Consumer Unit Enclosure	136	270	110	6
LSMC06	6 Way Metal clad Consumer Unit Enclosure	172	270	110	6
LSMC08	8 Way Metal clad Consumer Unit Enclosure	208	270	110	6
LSMC10	10 Way Metal clad Consumer Unit Enclosure	244	270	110	4
LSMC12	12 Way Metal clad Consumer Unit Enclosure	280	270	110	4
LSMC14	14 Way Metal clad Consumer Unit Enclosure	316	270	110	4
LSMC16	16 Way Metal clad Consumer Unit Enclosure	352	270	110	4
LSMC18	18 Way Metal clad Consumer Unit Enclosure	388	270	110	4
LSMC22	22 Way Metal clad Consumer Unit Enclosure	460	270	110	4
LSMC24	24 Way Metal clad Consumer Unit Enclosure	496	270	110	4

Metal Consumer Units Flush Mounted

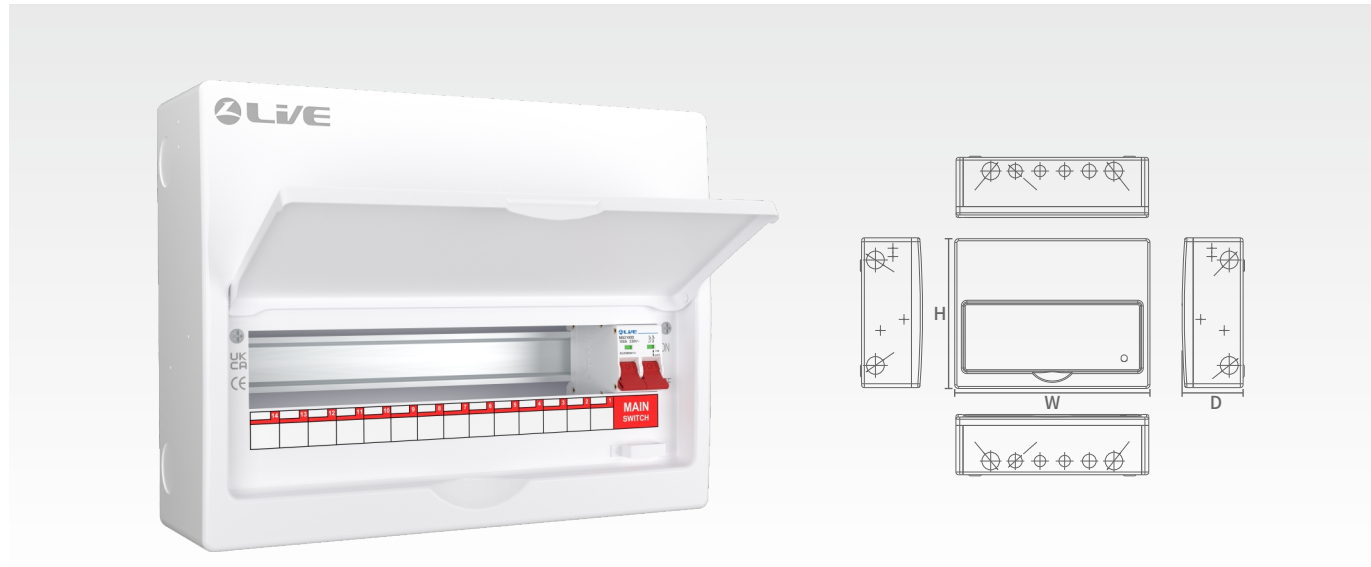


Design Features

- Consumer unit enclosures supplied with blank, Neutral Cable, Busbar, Neutral & Earth Terminal bar, Din Rail,cable gland.
- Fully enclosed metal construction body with drop down metal lid.
- Multiple circular cable entry knock-outs (20,25&32mm) on the top and bottom,32mm on the sides, and back plus larger slots.
- Raised key holes for secure easy installation.
- Raised Din rail improves cable routing.
- Large and accessible wiring space, with extra space for RCBOs, MCBs.
- Flexible connection allows for various configurations of protected ways.
- Lockable lids.
- Modern style finished in white polyester powder coating to RAL9010.
- Installation clip, busbar caps.
- IP40.
- BSEN61439-3.

Part No	Description	W (mm)	H (mm)	D (mm)	Flush (W)	Flush (H)	Flush (D)	Box Qty
FMC04	4 Way Flush Metal clad Consumer Unit Enclosure	172	270	107	152	250	80	6
FMC06	6 Way Flush Metal clad Consumer Unit Enclosure	208	270	107	188	250	80	6
FMC08	8 Way Flush Metal clad Consumer Unit Enclosure	244	270	107	224	250	80	4
FMC10	10 Way Flush Metal clad Consumer Unit Enclosure	280	270	107	260	250	80	4
FMC12	12 Way Flush Metal clad Consumer Unit Enclosure	316	270	107	296	250	80	4
FMC14	14 Way Flush Metal clad Consumer Unit Enclosure	352	270	107	332	250	80	4
FMC16	16 Way Flush Metal clad Consumer Unit Enclosure	388	270	107	368	250	80	4
FMC20	20Way Flush Metal clad Consumer Unit Enclosure	460	270	107	404	250	80	4
FMC22	22Way Flush Metal clad Consumer Unit Enclosure	496	270	107	440	250	80	4

Metal Main Switch Incomer Surface Mounted

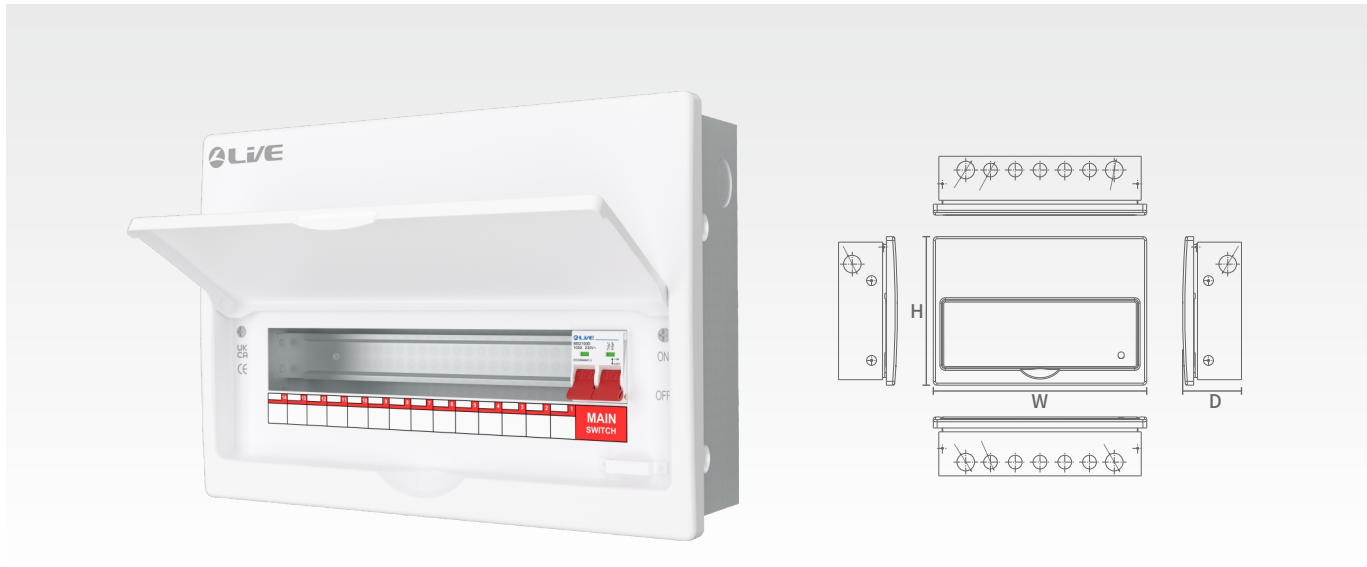


Design Features

- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail , cable gland.
- Fitted with DP 100A main Switch.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LSMC04/100	4 Way Metal Clad Consumer Unit c/w 100A Main Switch (2 usable ways)	136	270	110	6
LSMC06/100	6 Way Metal Clad Consumer Unit c/w 100A Main Switch (4 usable ways)	172	270	110	6
LSMC08/100	8 Way Metal Clad Consumer Unit c/w 100A Main Switch (6 usable ways)	208	270	110	6
LSMC10/100	10 Way Metal Clad Consumer Unit c/w 100A Main Switch (8 usable ways)	244	270	110	4
LSMC12/100	12 Way Metal Clad Consumer Unit c/w 100A Main Switch (10 usable ways)	280	270	110	4
LSMC14/100	14 Way Metal Clad Consumer Unit c/w 100A Main Switch (12 usable ways)	316	270	110	4
LSMC16/100	16 Way Metal Clad Consumer Unit c/w 100A Main Switch (14 usable ways)	352	270	110	4
LSMC18/100	18 Way Metal Clad Consumer Unit c/w 100A Main Switch (16 usable ways)	388	270	110	4
LSMC22/100	22 Way Metal Clad Consumer Unit c/w 100A Main Switch (20 usable ways)	460	270	110	4
LSMC24/125	24 Way Metal Clad Consumer Unit c/w 125A Main Switch (22 usable ways)	496	270	110	4

Metal Main Switch Incomer Flush Mounted



Design Features

- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail , cable gland.
- Fitted with DP 100A main Switch.

Part No	Description	W (mm)	H (mm)	D (mm)	Flush (W)	Flush (H)	Flush (D)	Box Qty
FMC04/100	4 Way Flush Metal Clad Consumer Unit c/w 100A Main Switch (2 usable ways)	172	270	107	152	250	80	6
FMC06/100	6 Way Flush Metal Clad Consumer Unit c/w 100A Main Switch (4 usable ways)	208	270	107	188	250	80	6
FMC08/100	8 Way Flush Metal Clad Consumer Unit c/w 100A Main Switch (6 usable ways)	244	270	107	224	250	80	4
FMC10/100	10 Way Flush Metal Clad Consumer Unit c/w 100A Main Switch (8 usable ways)	280	270	107	260	250	80	4
FMC12/100	12 Way Flush Metal Clad Consumer Unit c/w 100A Main Switch (10 usable ways)	316	270	107	296	250	80	4
FMC14/100	14 Way Flush Metal Clad Consumer Unit c/w 100A Main Switch (12 usable ways)	352	270	107	332	250	80	4
FMC16/100	16 Way Flush Metal Clad Consumer Unit c/w 100A Main Switch (14 usable ways)	388	270	107	368	250	80	4
FMC20/100	20 Way Flush Metal Clad Consumer Unit c/w 100A Main Switch (18 usable ways)	460	270	107	404	250	80	4
FMC22/100	22 Way Flush Metal Clad Consumer Unit c/w 100A Main Switch (20 usable ways)	496	270	107	440	250	80	4

Metal RCD Incomer Surface Mounted

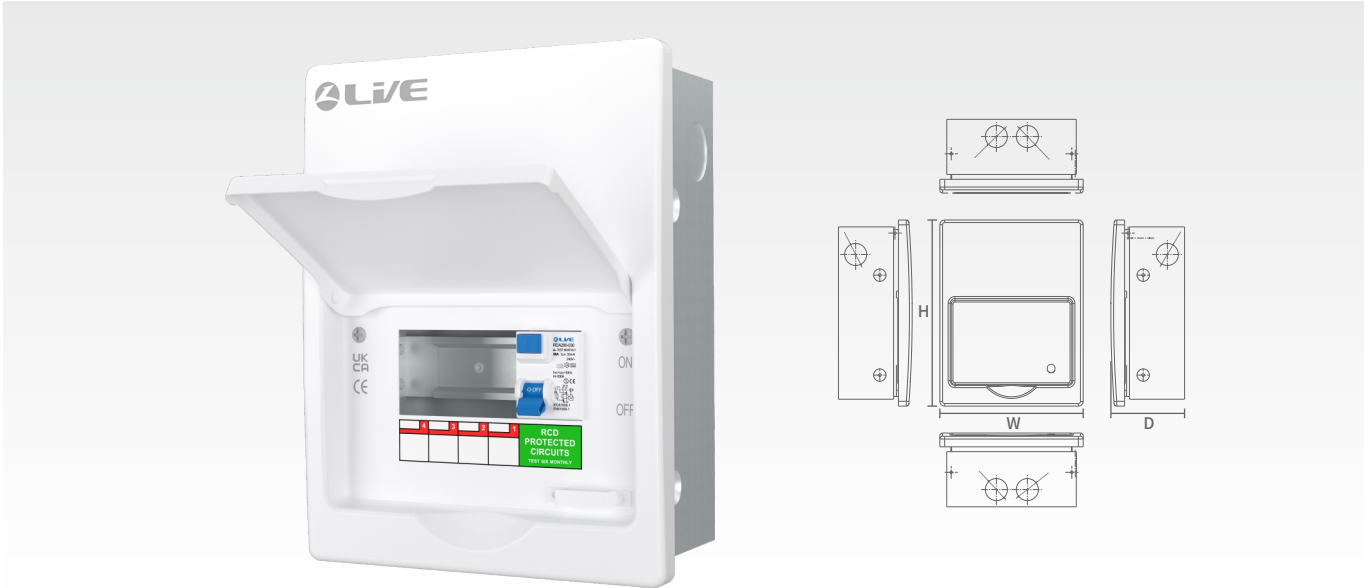


Design Features

- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail , cable gland.
- Fitted with type A DP RCD.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LSMC04-RC63	4 Way Metal Clad Consumer Unit c/w 63A 30mA RCD (2 usable ways)	136	270	110	6
LSMC04-RC80	4 Way Metal Clad Consumer Unit c/w 80A 30mA RCD (2 usable ways)	136	270	110	6
LSMC06-RC63	6 Way Metal Clad Consumer Unit c/w 63A 30mA RCD (4 usable ways)	172	270	110	6
LSMC06-RC80	6 Way Metal Clad Consumer Unit c/w 80A 30mA RCD (4 usable ways)	172	270	110	6
LSMC08-RC63	8 Way Metal Clad Consumer Unit c/w 63A 30mA RCD (6 usable ways)	208	270	110	6
LSMC08-RC80	8 Way Metal Clad Consumer Unit c/w 80A 30mA RCD (6 usable ways)	208	270	110	6
LSMC10-RC63	10 Way Metal Clad Consumer Unit c/w 63A 30mA RCD (8 usable ways)	244	270	110	4
LSMC10-RC80	10 Way Metal Clad Consumer Unit c/w 80A 30mA RCD (8 usable ways)	244	270	110	4
LSMC12-RC63	12 Way Metal Clad Consumer Unit c/w 63A 30mA RCD (10 usable ways)	280	270	110	4
LSMC12-RC80	12 Way Metal Clad Consumer Unit c/w 80A 30mA RCD (10 usable ways)	280	270	110	4

Metal RCD Incomer Flush Mounted



Design Features

- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail , cable gland.
- Fitted with type A DP RCD.

Part No	Description	W (mm)	H (mm)	D (mm)	Flush (W)	Flush (H)	Flush (D)	Box Qty
FMC04-RC63	4 Way Flush Metal Clad Consumer Unit c/w 63A 30mA RCD (2 usable ways)	172	270	107	152	250	80	6
FMC04-RC80	4 Way Flush Metal Clad Consumer Unit c/w 80A 30mA RCD (2 usable ways)	172	270	107	152	250	80	6
FMC06-RC63	6 Way Flush Metal Clad Consumer Unit c/w 63A 30mA RCD (4 usable ways)	208	270	107	188	250	80	6
FMC06-RC80	6 Way Flush Metal Clad Consumer Unit c/w 80A 30mA RCD (4 usable ways)	208	270	107	188	250	80	6
FMC08-RC63	8 Way Flush Metal Clad Consumer Unit c/w 63A 30mA RCD (6 usable ways)	244	270	107	224	250	80	4
FMC08-RC80	8 Way Flush Metal Clad Consumer Unit c/w 80A 30mA RCD (6 usable ways)	244	270	107	224	250	80	4
FMC10-RC63	10 Way Flush Metal Clad Consumer Unit c/w 63A 30mA RCD (8 usable ways)	280	270	107	260	250	80	4
FMC10-RC80	10 Way Flush Metal Clad Consumer Unit c/w 80A 30mA RCD (8 usable ways)	280	270	107	260	250	80	4
FMC12-RC63	12 Way Flush Metal Clad Consumer Unit c/w 63A 30mA RCD (10 usable ways)	316	270	107	296	250	80	4
FMC12-RC80	12 Way Flush Metal Clad Consumer Unit c/w 80A 30mA RCD (10 usable ways)	316	270	107	296	250	80	4

Metal RCD Split Load Surface Mounted



Design Features

- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail , cable gland.
- Fitted with 2 DP type A RCD.
- Fitted with DP 100A/125A main Switch.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LSMC1463TR	14 Way Split Load c/w 100A Main Switch / 2×63A 30mA RCD (8 usable ways)	316	270	110	4
LSMC1480TR	14 Way Split Load c/w 100A Main Switch / 2×80A 30mA RCD (8 usable ways)	316	270	110	4
LSMC1663TR	16 Way Split Load c/w 100A Main Switch / 2×63A 30mA RCD (10 usable ways)	352	270	110	4
LSMC1680TR	16 Way Split Load c/w 100A Main Switch / 2×80A 30mA RCD (10 usable ways)	352	270	110	4
LSMC1863TR	18 Way Split Load c/w 100A Main Switch / 2×63A 30mA RCD (12 usable ways)	388	270	110	4
LSMC1880TR	18 Way Split Load c/w 100A Main Switch / 2×80A 30mA RCD (12 usable ways)	388	270	110	4
LSMC2263TR	22 Way Split Load c/w 100A Main Switch/2 x 63A 30mA RCD (16 usable ways)	460	270	110	4
LSMC2280TR	22 Way Split Load c/w 100A Main Switch / 2×80A 30mA RCD (16 usable ways)	460	270	110	4
LSMC2463TR	24Way Split Load c/w 125A Main Switch / 2×63A 30mA RCD (18 usable ways)	496	270	110	4
LSMC2480TR	24Way Split Load c/w 125A Main Switch / 2×80A 30mA RCD (18 usable ways)	496	270	110	4
LSMC14100TR/125	14 Way Split Load c/w 125A Main Switch / 2x100A 30mA RCD (8 usable ways)	316	270	110	4
LSMC16100TR/125	16 Way Split Load c/w 125A Main Switch / 2x100A 30mA RCD (10 usable ways)	352	270	110	4
LSMC18100TR/125	18 Way Split Load c/w 125A Main Switch / 2x100A 30mA RCD (12 usable ways)	388	270	110	4
LSMC22100TR/125	22 Way Split Load c/w 125A Main Switch / 2x100A 30mA RCD (16 usable ways)	460	270	110	4
LSMC24100TR/125	24 Way Split Load c/w 125A Main Switch / 2x100A 30mA RCD (18 usable ways)	496	270	110	4

Metal RCD Split Load Flush Mounted



Design Features

- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail , cable gland.
- Fitted with 2 DP type A RCD.
- Fitted with DP 100A/125A main Switch.

Part No	Description	W (mm)	H (mm)	D (mm)	Flush (W)	Flush (H)	Flush (D)	Box Qty
FMC1463TR	14 Way Flush Split Load c/w 100A Main Switch / 2x63A 30mA RCD (8 usable ways)	352	270	107	332	250	80	4
FMC1480TR	14 Way Flush Split Load c/w 100A Main Switch / 2x80A 30mA RCD (8 usable ways)	352	270	107	332	250	80	4
FMC1663TR	16 Way Flush Split Load c/lw 100A Main Switch / 2x63A 30mA RCD (10 usable ways)	388	270	107	368	250	80	4
FMC1680TR	16 Way Flush Split Load c/w 100A Main Switch / 2x80A 30mA RCD (10 usable ways)	388	270	107	368	250	80	4
FMC2063TR	20 Way Flush Split Load c/w 100A Main Switch / 2x63A 30mA RCD (14 usable ways)	460	270	107	404	250	80	4
FMC2080TR	20 Way Flush Split Load c/w 100A Main Switch / 2x80A 30mA RCD (14 usable ways)	460	270	107	404	250	80	4
FMC2263TR	22 Way Flush Split Load c/w 100A Main Switch /2 x 63A 30mA RCD(16 usable ways)	496	270	107	440	250	80	4
FMC2280TR	22 Way Flush Split Load c/w 100A Main Switch / 2×80A 30mA RCD (16 usable ways)	496	270	107	440	250	80	4
FMC14100TR/125	14 Way Flush Split Load c/w 125A Main Switch / 2x100A 30mA RCD (8 usable ways)	352	270	107	332	250	80	4
FMC16100TR/125	16 Way Flush Split Load c/w 125A Main Switch / 2x100A 30mA RCD (10 usable ways)	388	270	107	368	250	80	4
FMC20100TR/125	20 Way Flush Split Load c/w 125A Main Switch /2x100A 30mA RCD (14 usable ways)	460	270	107	404	250	80	4
FMC22100TR/125	22 Way Flush Split Load c/w 125A Main Switch / 2x100A 30mA RCD(16 usable ways)	496	270	107	440	250	80	4

Metal RCD Split Load With Surge Protection Surface Mounted



Design Features

- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail , cable gland.
- Fitted with 2 DP type A RCD.
- Fitted with 100A/125A main Switch.
- Fitted with 20/40kA T2 Surge Protective Device (SP140 1P+N/1).

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LSMC1463TR-SP	14 Way Split Load c/w 100A Main Switch / 2×63A 30mA RCD + 20/40kA Surge Protective Device (7 usable ways)	316	270	110	4
LSMC1480TR-SP	14 Way Split Load c/w 100A Main Switch / 2×80A 30mA RCD + 20/40kA Surge Protective Device(7 usable ways)	316	270	110	4
LSMC1663TR-SP	16 Way Split Load c/w 100A Main Switch / 2×63A 30mA RCD + 20/40kA Surge Protective Device(9 usable ways)	352	270	110	4
LSMC1680TR-SP	16 Way Split Load c/w 100A Main Switch / 2×80A 30mA RCD + 20/40kA Surge Protective Device(9 usable ways)	352	270	110	4
LSMC1863TR-SP	18 Way Split Load c/w 100A Main Switch / 2×63A 30mA RCD + 20/40kA Surge Protective Device(11 usable ways)	388	270	110	4
LSMC1880TR-SP	18 Way Split Load c/w 100A Main Switch / 2×80A 30mA RCD + 20/40kA Surge Protective Device(11 usable ways)	388	270	110	4
LSMC2263TR-SP	22 Way Split Load c/w 100A Main Switch/2 x 63A 30mA RCD+ 20/40kA Surge Protective Device(15 usable ways)	460	270	110	4
LSMC2280TR-SP	22 Way Split Load c/w 100A Main Switch / 2×80A 30mA RCD+ 20/40kA Surge Protective Device (15 usable ways)	460	270	110	4
LSMC2463TR-SP	24Way Split Load c/w 125A Main Switch / 2×63A 30mA RCD + 20/40kA Surge Protective Device(17 usable ways)	496	270	110	4
LSMC2480TR-SP	24Way Split Load c/w 125A Main Switch / 2×80A 30mA RCD+ 20/40kA Surge Protective Device (17 usable ways)	496	270	110	4
LSMC14100TR/125-SP	14 Way Split Load c/w 125A Main Switch / 2x100A 30mA RCD+ 20/40kA Surge Protective Device(7 usable ways)	316	270	110	4
LSMC16100TR/125-SP	16 Way Split Load c/w 125A Main Switch / 2x100A 30mA RCD + 20/40kA Surge Protective Device(9 usable ways)	352	270	110	4
LSMC18100TR/125-SP	18 Way Split Load c/w 125A Main Switch / 2x100A 30mA RCD + 20/40kA Surge Protective Device(11 usable ways)	388	270	110	4
LSMC22100TR/125-SP	22 Way Split Load c/w 125A Main Switch / 2x100A 30mA RCD + 20/40kA Surge Protective Device(15 usable ways)	460	270	110	4
LSMC24100TR/125-SP	24 Way Split Load c/w 125A Main Switch / 2x100A 30mA RCD+ 20/40kA Surge Protective Device(17 usable ways)	496	270	110	4

Metal RCD Split Load With Surge Protection Flush Mounted

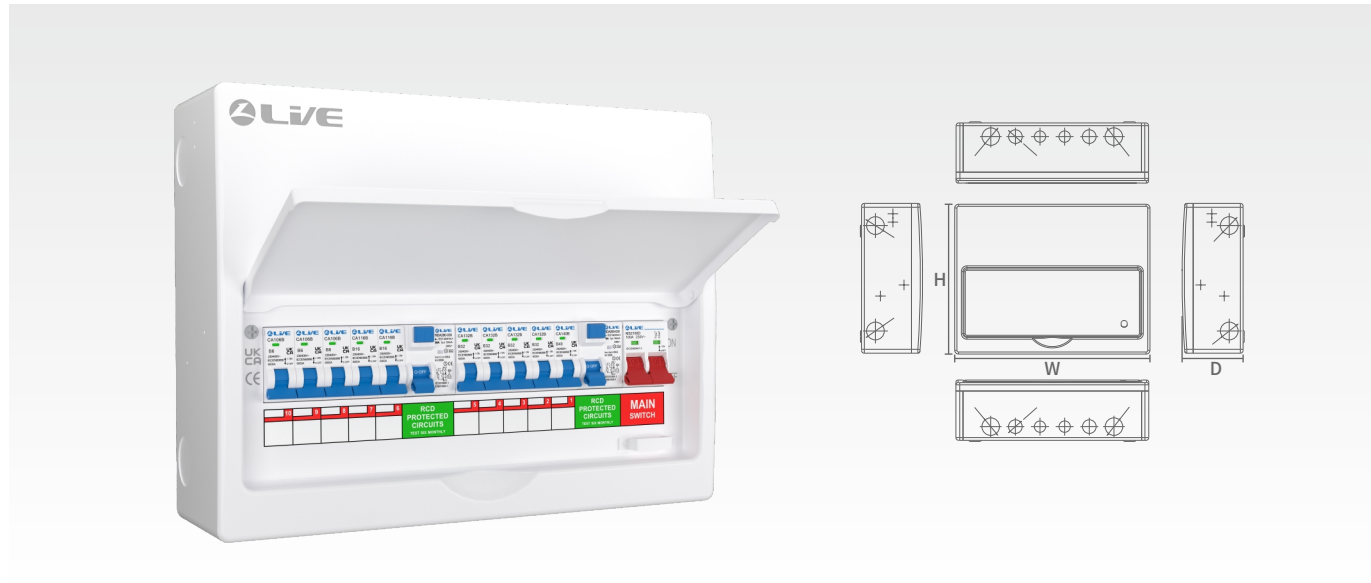


Design Features

- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail , cable gland.
- Fitted with 2 DP type A RCD.
- Fitted with DP 100A/125A main Switch.
- Fitted with 20/40kA T2 Surge Protective Device (SP140 1P+N/1).

Part No	Description	W (mm)	H (mm)	D (mm)	Flush (W)	Flush (H)	Flush (D)	Box Qty
FMC1463TR-SP	14 Way Flush Split Load c/w 100A Main Switch / 2×63A 30mA RCD 20/40kA T2 Surge Protective Device (7 usable ways)	352	270	107	332	250	80	4
FMC1480TR-SP	14 Way Flush Split Load c/w 100A Main Switch / 2×80A 30mA RCD 20/40kA T2 Surge Protective Device (7 usable ways)	352	270	107	332	250	80	4
FMC1663TR-SP	16 Way Flush Split Load c/w 100A Main Switch / 2×63A 30mA RCD 20/40kA T2 Surge Protective Device (9 usable ways)	388	270	107	368	250	80	4
FMC1680TR-SP	16 Way Flush Split Load c/w 100A Main Switch / 2×80A 30mA RCD 20/40kA T2 Surge Protective Device (9 usable ways)	388	270	107	368	250	80	4
FMC2063TR-SP	20 Way Flush Split Load c/w 100A Main Switch/2 x 63A 30mA RCD 20/40kA T2 Surge Protective Device (13 usable ways)	460	270	107	404	250	80	4
FMC2080TR-SP	20 Way Flush Split Load c/w 100A Main Switch / 2×80A 30mA RCD 20/40kA T2 Surge Protective Device (13 usable ways)	460	270	107	404	250	80	4
FMC2263TR-SP	22 Way Flush Split Load c/w 100A Main Switch/2 x 63A 30mA RCD 20/40kA T2 Surge Protective Device (15 usable ways)	496	270	107	440	250	80	4
FMC2280TR-SP	22 Way Flush Split Load c/w 100A Main Switch / 2×80A 30mA RCD 20/40kA T2 Surge Protective Device (15 usable ways)	496	270	107	440	250	80	4
FMC14100TR/125-SP	14 Way Flush Split Load c/w 125A Main Switch / 2x100A 30mA RCD 20/40kA T2 Surge Protective Device (7 usable ways)	352	270	107	332	250	80	4
FMC16100TR/125-SP	16 Way Flush Split Load c/w 125A Main Switch / 2x100A 30mA RCD 20/40kA T2 Surge Protective Device (9 usable ways)	388	270	107	368	250	80	4
FMC20100TR/125-SP	20 Way Flush Split Load c/w 125A Main Switch / 2x100A 30mA RCD 20/40kA T2 Surge Protective Device(13 usable ways)	460	270	107	404	250	80	4
FMC22100TR/125-SP	22 Way Flush Split Load c/w 125A Main Switch / 2x100A 30mA RCD 20/40kA T2 Surge Protective Device (15 usable ways)	496	270	107	440	250	80	4

Metal RCD Split Load Populated With MCB UnitSurface Mounted

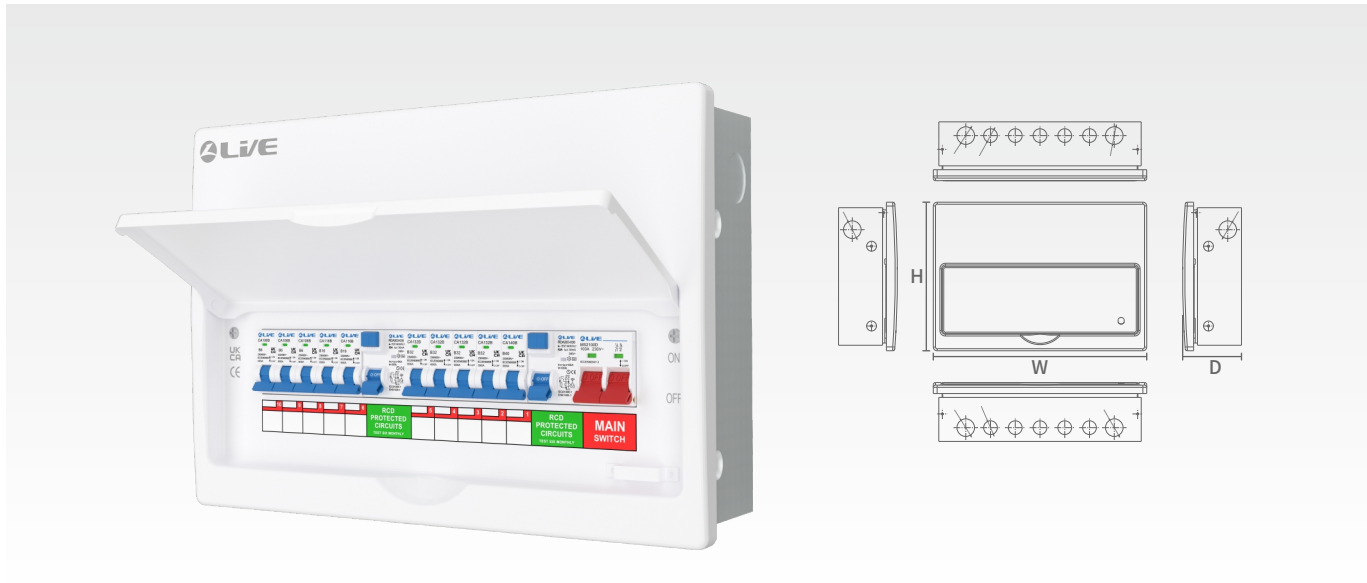


Design Features

- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail , cable gland.
- Fitted with 2 type A DP RCD.
- Fitted with DP 100A/125A main Switch.
- Fitted with MCBs.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LSMC1463TR-A	14 Way Split Load c/w 100A Main Switch / 2x63A 30mA RCD+8 MCBs (3x6A,1x16A,3x32A,1x40A)	316	270	110	4
LSMC1480TR-A	14 Way Split Load c/w 100A Main Switch /2x80A 30mA RCD+8 MCBs (3x6A,1x16A,3x32A, 1x40A)	316	270	110	4
LSMC1663TR-A	16 Way Split Load c/w 100A Main Switch / 2x63A 30mA RCD+10 MCBs (3x6A,2x16A,4x32A,1x40A)	352	270	110	4
LSMC1680TR-A	16 Way Split Load c/w 100A Main Switch /2x80A 30mA RCD+10 MCBs (3x6A,2x16A,4x32A,1x40A)	352	270	110	4
LSMC1863TR-A	18 Way Split Load c/w 100A Main Switch / 2x63A 30mA RCD+12 MCBs (4x6A,3x16A,4x32A,1x40A)	388	270	110	4
LSMC1880TR-A	18 Way Split Load c/w 100A Main Switch / 2x80A 30mA RCD+12 MCBs (4x6A,3x16A,4x32A,1x40A)	388	270	110	4
LSMC2263TR-A	22 Way Split Load c/w 100A Main Switch /2x63A 30mA RCD+16 MCBs (5x6A,2x10A,3x16A,5x32A,1x40A)	460	270	110	4
LSMC2280TR-A	22 Way Split Load c/w 100A Main Switch / 2x80A 30mA RCD+16 MCBs (5x6A,2x10A,3x16A,5x32A,1x40A)	460	270	110	4
LSMC2463TR-A	24 Way Split Load c/w 125A Main Switch / 2 x 63A 30mA RCD+18 MCBs (6x6A,2x10A,3x16A,5x32A, 2x40A)	496	270	110	4
LSMC2480TR-A	24 Way Split Load c/w 125A Main Switch / 2 × 80A 30mA RCD+18 MCBs (6 × 6A, 2 × 10A, 3 × 16A, 5 × 32A,2 × 40A)	496	270	110	4

Metal RCD Split Load Populated With MCB UnitFlush Mounted

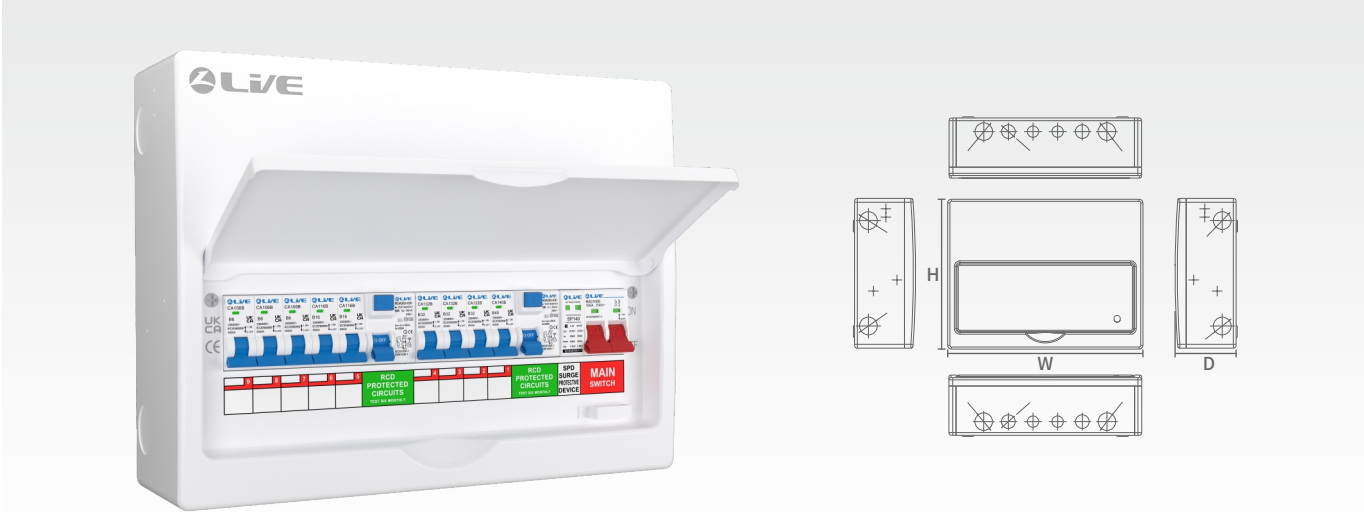


Design Features

- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail , cable gland.
- Fitted with 2 type A DP RCD.
- Fitted with DP 100A main Switch.
- Fitted with MCBs.

Part No	Description	W (mm)	H (mm)	D (mm)	Flush (W)	Flush (H)	Flush (D)	Box Qty
FMC1463TR-A	14 Way Flush Split Load c/w 100A Main Switch / 2x63A 30mA RCD+8 MCBs(3x6A,1x16A,3x32A,1x40A)	352	270	107	332	250	80	4
FMC1480TR-A	14 Way Flush Split Load c/w 100A Main Switch /2x80A 30mA RCD+8 MCBs (3x6A,1x16A,3x32A,1x40A)	352	270	107	332	250	80	4
FMC1663TR-A	16 Way Flush Split Load c/w 100A Main Switch / 2x63A 30mA RCD+10 MCBs (3x6A,2x16A,4x32A,1x40A)	388	270	107	368	250	80	4
FMC1680TR-A	16 Way Flush Split Load c/w 100A Main Switch /2x80A 30mA RCD+10 MCBs (3x6A,2x16A,4x32A,1x40A)	388	270	107	368	250	80	4
FMC2063TR-A	20 Way Flush Split Load c/w 100A Main Switch / 2x63A 30mA RCD+14 MCBs (4x6A,3x16A,2X20A,4x32A,1x40A)	460	270	107	404	250	80	4
FMC2080TR-A	20 Way Flush Split Load c/w 100A Main Switch / 2x80A 30mA RCD+14 MCBs (4x6A,3x16A,2X20A,4x32A,1x40A)	460	270	107	404	250	80	4
FMC2263TR-A	22 Way Flush Split Load c/w 100A Main Switch / 2 × 63A 30mA RCD+16 MCBs (5x6A,2x10A,3x16A,5x32A, 1x40A)	496	270	107	440	250	80	4
FMC2280TR-A	22 Way Flush Split Load c/w 100A Main Switch / 2 × 80A 30mA RCD+16 MCBs (5 × 6A, 2 × 10A, 3 × 16A, 5 × 32A,1 × 40A)	496	270	107	440	250	80	4

Metal Surge Protected RCD Split Load Populated With MCB Unit Surface Mounted

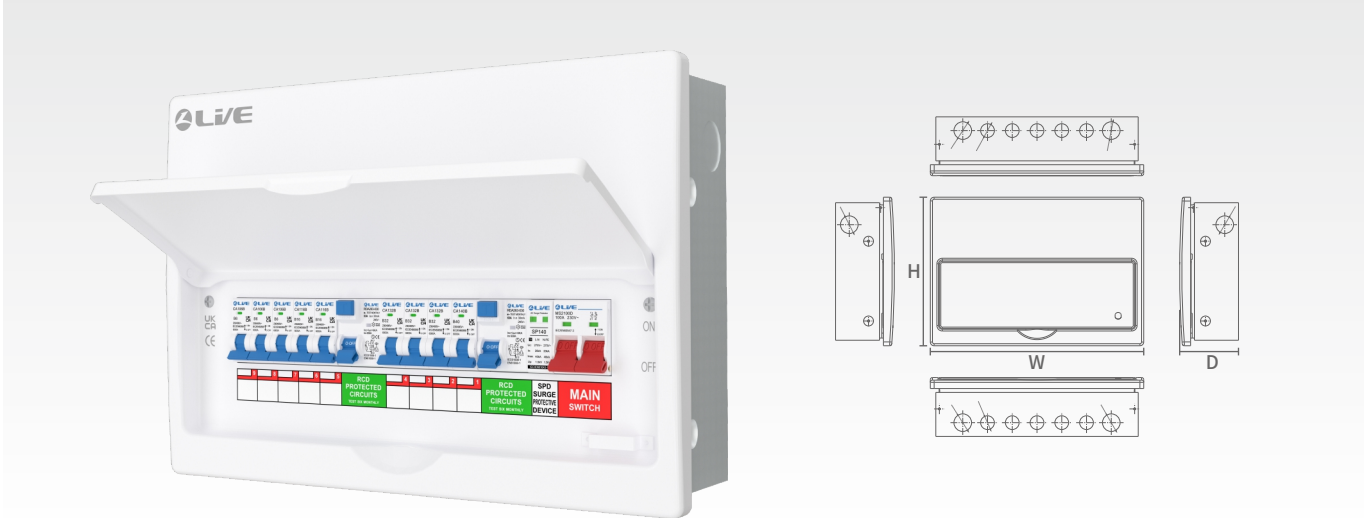


Design Features

- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail , cable gland.
- Fitted with 2 type A DP RCD.
- Fitted with DP 100A/125A main Switch.
- Fitted with MCBs.
- Fitted with 20/40kA T2 Surge Protective Device (SP140 1P+N/1).

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LSMC1463TR-AS	14 Way Split Load c/w 100A Main Switch/2x63A 30mA RCD+7MCBs (3x6A,1x16A,2x32A,1x40A)+20/40kA Surge Protective Device	316	270	110	4
LSMC1663TR-AS	16 Way Split Load c/w 100A Main Switch/2x63A 30mA RCD+9MCBs (3x6A,2x16A,3x32A,1x40A)+20/40kA Surge Protective Device	352	270	110	4
LSMC1680TR-AS	16 Way Split Load c/w 100A Main Switch / 2x80A 30mA RCD+9MCBs (3x6A,2x16A,3x32A,1x40A+20/40kA Surge Protective Device)	352	270	110	4
LSMC1863TR-AS	18 Way Split Load c/w 100A Main Switch / 2x63A 30mA RCD+11MCBs (4x6A,2x16A,4x32A,1x40A)+20/40kA Surge Protective Device	388	270	110	4
LSMC1880TR-AS	18 Way Split Load c/w 100A Main Switch / 2x80A 30mA RCD+11MCBs (4x6A,2x16A,4x32A,1x40A)+20/40kA Surge Protective Device	388	270	110	4
LSMC2263TR-AS	22 Way Split Load c/w 100A Main Switch / 2x63A 30mA RCD+15MCBs (5x6A,1x10A,3x16A,5x32A,1x40A)+20/40kA DP Surge Protective Device	460	270	110	4
LSMC2280TR-AS	22 Way Split Load c/w 100A Main Switch / 2x80A 30mA RCD+15MCBs (5x6A,1x10A,3x16A,5x32A,1x40A)+20/40kA Surge Protective Device	460	270	110	4
LSMC2463TR-AS	24 Way Split Load c/w 125A Main Switch / 2x63A 30mA RCD+17 MCBs (6x6A, 1x10A, 3x16A, 5x32A, 2x40A) + 20/40kA Surge Protective Device	496	270	110	4
LSMC2480TR-AS	24 Way Split Load c/w 125A Main Switch / 2x80A 30mA RCD+17 MCBs (6x6A, 1x10A, 3x16A, 5x32A, 2x40A) + 20/40kA Surge Protective Device	496	270	110	4

Metal Surge Protected RCD Split Load Populated With MCB Unit Flush Mounted

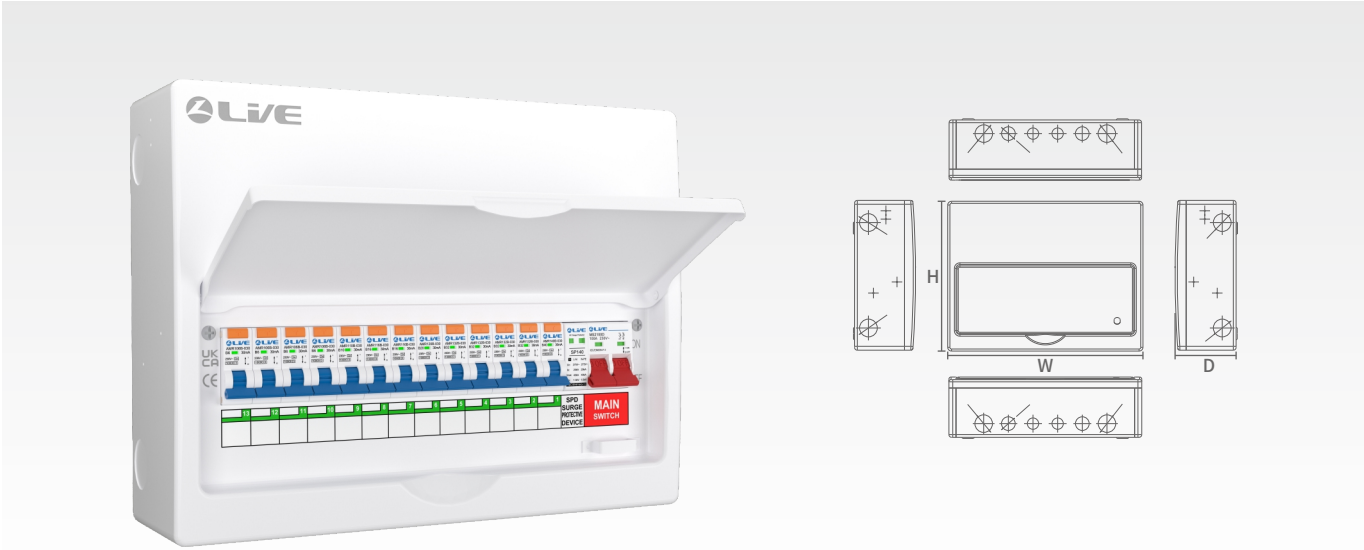


Design Features

- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail , cable gland.
- Fitted with 2 type A DP RCD.
- Fitted with DP 100A main Switch.
- Fitted with MCBs.
- Fitted with 20/40kA T2 Surge Protective Device (SP140 1P+N/1).

Part No	Description	W (mm)	H (mm)	D (mm)	Flush (W)	Flush (H)	Flush (D)	Box Qty
FMC1463TR-AS	14 Way Flush Split Load c/w 100A Main Switch/2x63A 30mA RCD+7MCBs(3x6A,1x16A,2x32A,1x40A)+20/40kA Surge Protective Device	352	270	107	332	250	80	4
FMC1663TR-AS	16 Way Flush Split Load c/w 100A Main Switch/2x63A 30mA RCD+9MCBs(3x6A,2x16A,3x32A,1x40A)+20/40kA Surge Protective Device	388	270	107	368	250	80	4
FMC1680TR-AS	16 Way Flush Split Load c/w 100A Main Switch / 2x80A 30mA RCD+9MCBs(3x6A,2x16A,3x32A,1x40A+20/40kA Surge Protective Device)	388	270	107	368	250	80	4
FMC2063TR-AS	20 Way Flush Split Load c/w 100A Main Switch / 2x63A 30mA RCD+13 MCBs(4x6A,2x16A,2X20A,4x32A,1x40A)+ 20/40kA Surge Protective Device	460	270	107	404	250	80	4
FMC2080TR-AS	20 Way Flush Split Load c/w 100A Main Switch / 2x80A 30mA RCD+13 MCBs(4x6A,2x16A,2X20A,4x32A,1x40A)+ 20/40kA Surge Protective Device	460	270	107	404	250	80	4
FMC2263TR-AS	22 Way Flush Split Load c/w 100A Main Switch / 2x63A 30mA RCD+15 MCBs(5x6A, 1x10A, 3x16A, 5x32A, 1x40A)+ 20/40kA Surge Protective Device	496	270	107	440	250	80	4
FMC2280TR-AS	22 Way Flush Split Load c/w 100A Main Switch / 2x80A 30mA RCD+15 MCBs(5x6A, 1x10A, 3x16A, 5x32A, 1x40A)+ 20/40kA Surge Protective Device	496	270	107	440	250	80	4

Metal Surge Protected RCBO Populated Unit Surface Mounted

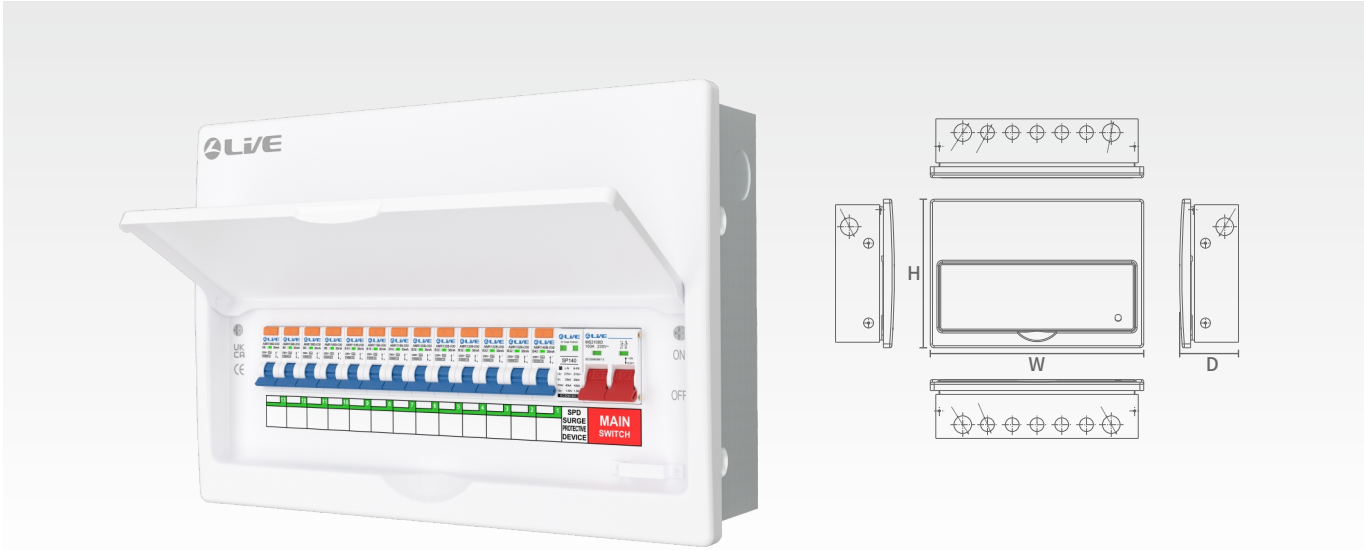


Design Features

- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail , cable gland.
- Fitted with DP 100A/125A main Switch.
- Fitted with type A RCBOs .
- Fitted with 20/40kA T2 Surge Protective Device (SP140 1P+N/1).

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LSMC04 SR/100	4Way Metal Clad Consumer Unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+1AMRs (1x20A)	136	270	110	6
LSMC06 SR/100	6Way Metal Clad Consumer Unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+3AMRs (1x6A,1X20A,1x32A)	172	270	110	6
LSMC08 SR/100	8Way Metal Clad Consumer Unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+5AMRs (1x6A,1x16A, 1X20A,1X32A,1x40A)	208	270	110	6
LSMC10 SR/100	10Way Metal Clad Consumer Unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+7AMRs (2x6A,1x16A,1X20A, 2x32A,1x40A)	244	270	110	4
LSMC12 SR/100	12Way Metal Clad Consumer Unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+9AMRs (3x6A,1x16A,1X20A,3x32A,1x40A)	280	270	110	4
LSMC14 SR/100	14Way Metal Clad Consumer Unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+11AMRs (3x6A,2x16A,1X20A,4x32A,1x40A)	316	270	110	4
LSMC16 SR/100	16Way Metal Clad Consumer Unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+13AMRs (4x6A,1x10A,2x16A,1x20A,4x32A,1x40A)	352	270	110	4
LSMC18 SR/100	18Way Metal Clad Consumer Unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+15AMRs (4x6A,2x10A, 3x16A,1x20A,4x32A,1x40A)	388	270	110	4
LSMC22 SR/100	22Way Metal Clad Consumer Unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+19AMRs (5x6A,2x10A,3x16A, 3x20A,5x32A,1x40A)	460	270	110	4
LSMC24 SR/125	24Way Metal Clad Consumer Unit c/w 125A Main Switch/ and 20/40kA Surge ProtectiveDevice+21AMRs(6x6A, 2x10A, 3x16A, 3X20A,5x32A, 2x40A)	496	270	110	4

Metal Surge Protected RCBO Populated Unit Flush Mounted

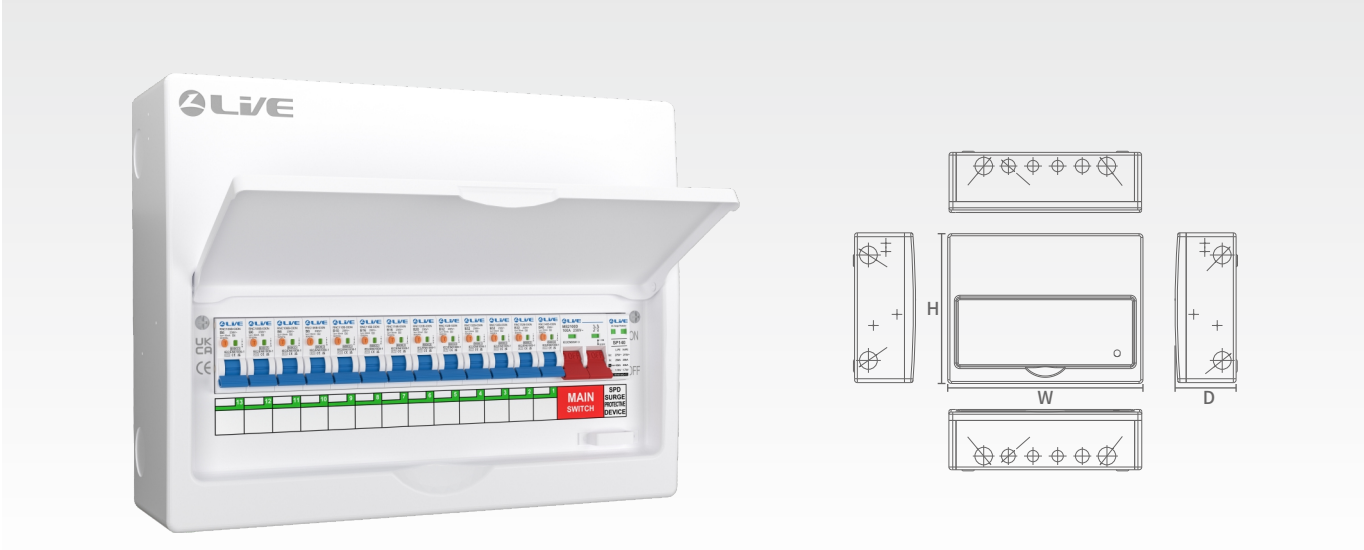


Design Features

- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail , cable gland.
- Fitted with DP 100A main Switch.
- Fitted with type A RCBOs.
- Fitted with 20/40kA T2 Surge Protective Device (SP140 1P+N/1).

Part No	Description	W (mm)	H (mm)	D (mm)	Flush (W)	Flush (H)	Flush (D)	Box Qty
FMC04 SR/100	4Way Flush Metal Clad Consumer Unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+1AMRs (1x20A)	172	270	107	152	250	80	6
FMC06 SR/100	6Way Flush Metal Clad Consumer Unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+3AMRs (1x6A,1X20A,1x32A)	208	270	107	188	250	80	6
FMC08 SR/100	8Way Flush Metal Clad Consumer Unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+5AMRs (1x6A,1x16A, 1x20A,1x32A,1x40A)	244	270	107	224	250	80	4
FMC10 SR/100	10Way Flush Metal Clad Consumer Unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+7AMRs (2x6A,1x16A,1x20A, 2x32A,1x40A)	280	270	107	260	250	80	4
FMC12 SR/100	12Way Flush Metal Clad Consumer Unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+9AMRs (3x6A,1x16A,1x20A, 3x32A,1x40A)	316	270	107	296	250	80	4
FMC14 SR/100	14Way Flush Metal Clad Consumer Unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+11AMRs (3x6A,2x16A,1x20A, 4x32A,1x40A)	352	270	107	332	250	80	4
FMC16 SR/100	16Way Flush Metal Clad Consumer Unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+13AMRs (4x6A,1x10A,2x16A, 1x20A,4x32A,1x40A)	388	270	107	368	250	80	4
FMC20 SR/100	20Way Flush Metal Clad Consumer Unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+17AMRs (4x6A,2x10A, 3x16A,3x20A, 4x32A,1x40A)	460	270	107	404	250	80	4
FMC22 SR/100	22Way Flush Metal Clad Consumer Unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+19AMRs (5x6A, 2x10A, 3x16A, 3X20A,5x32A, 1x40A)	496	270	107	440	250	80	4

Metal Surge Protected RCBO Populated Unit Surface Mounted

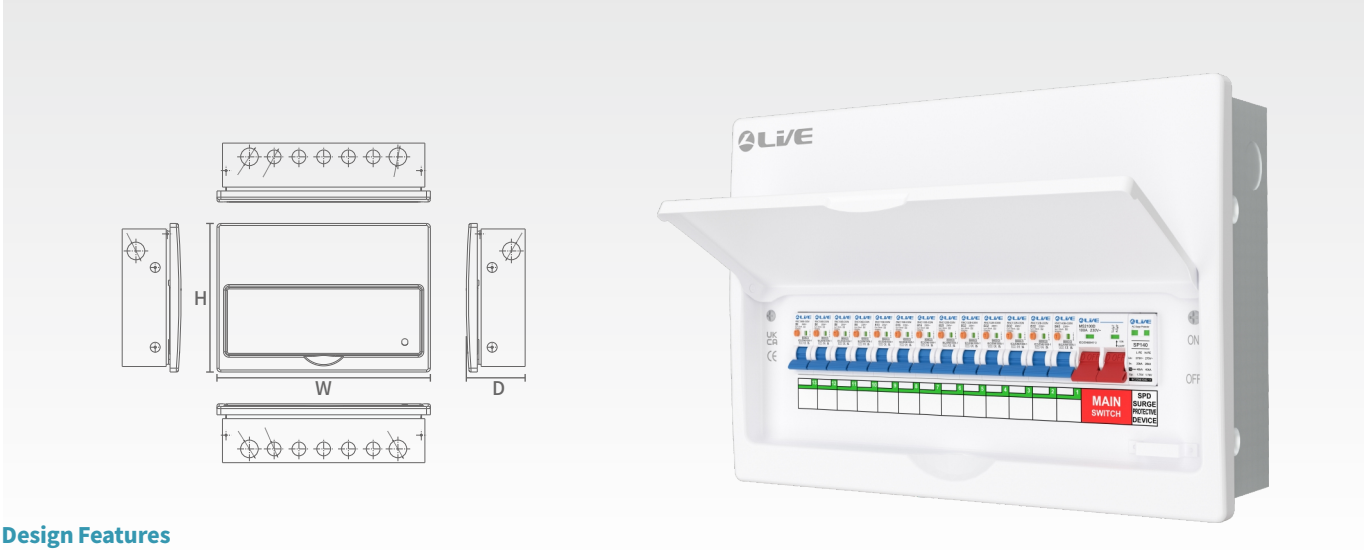


Design Features

- Consumer unit enclosures supplied with neutral cable, busbar & earth terminals, DIN rail.
- Fitted with DP 100A /125A main Switch.
- Fitted with type A RCBOs (Without cables).
- Fitted with 20/40kA Surge Protective Device (SP140 1P+N/1).

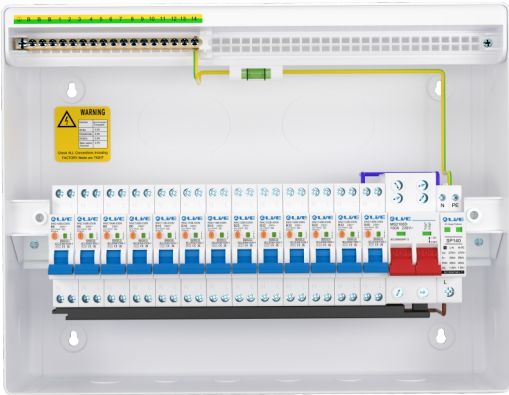
Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LSMC04SRN/100	4Way Metal consumer unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+1RNCs(1x20A)	136	270	110	6
LSMC06SRN/100	6Way Metal consumer unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+3RNCs(1x6A ,1X20A,1x32A)	172	270	110	6
LSMC08SRN/100	8Way Metal consumer unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+5RNCs(1x6A, 1x16A, 1X20A,1X32A,1x40A)	208	270	110	6
LSMC10SRN/100	10Way Metal consumer unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+7RNCs(2x6A, 1x16A,1X20A, 2x32A, 1x40A)	244	270	110	4
LSMC12SRN/100	12Way Metal consumer unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+9RNCs(3x6A, 1x16A,1X20A, 3x32A, 1x40A)	280	270	110	4
LSMC14SRN/100	14Way Metal consumer unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+11RNCs(3x6A, 2x16A,1X20A, 4x32A, 1x40A)	316	270	110	4
LSMC16SRN/100	16Way Metal consumer unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+13RNCs(4x6A, 1x10A, 2x16A, 1X20A,4x32A, 1x40A)	352	270	110	4
LSMC18SRN/100	18Way Metal consumer unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+15RNCs(4x6A, 2x10A, 3x16A,1X20A, 4x32A, 1x40A)	388	270	110	4
LSMC22SRN/100	22Way Metal consumer unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+19RNCs(5x6A, 2x10A, 3x16A, 3X20A,5x32A, 1x40A)	460	270	110	4
LSMC24SRN/125	24Way Metal consumer unit c/w 125A Main Switch/ and 20/40kA Surge Protective Device+21RNCs(6x6A, 2x10A, 3x16A, 3X20A,5x32A, 2x40A)	496	270	110	4

Metal Surge Protected RCBO Populated Unit Flush Mounted



Design Features

- Consumer unit enclosures supplied with neutral cable, busbar & earth terminals, DIN rail.
- Fitted with DP 100A main Switch.
- Fitted with type A RCBOs (Without cables).
- Fitted with 20/40kA Surge Protective Device (SP140 1P+N/1).



Part No	Description	W (mm)	H (mm)	D (mm)	Flush (W)	Flush (H)	Flush (D)	Box Qty
FMC04SRN/100	4Way Flush Metal consumer unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+1RNCs(1x20A)	172	270	107	152	250	80	6
FMC06SRN/100	6Way Flush Metal consumer unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+3RNCs(1x6A ,1X20A,1x32A)	208	270	107	188	250	80	6
FMC08SRN/100	8Way Flush Metal consumer unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+5RNCs(1x6A, 1x16A, 1X20A,1X32A,1x40A)	244	270	107	224	250	80	4
FMC10SRN/100	10Way Flush Metal consumer unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+7RNCs(2x6A, 1x16A,1X20A, 2x32A, 1x40A)	280	270	107	260	250	80	4
FMC12SRN/100	12Way Flush Metal consumer unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+9RNCs(3x6A, 1x16A,1X20A, 3x32A, 1x40A)	316	270	107	296	250	80	4
FMC14SRN/100	14Way Flush Metal consumer unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+11RNCs(3x6A, 2x16A,1X20A, 4x32A, 1x40A)	352	270	107	332	250	80	4
FMC16SRN/100	16Way Flush Metal consumer unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+13RNCs(4x6A, 1x10A, 2x16A, 1X20A,4x32A, 1x40A)	388	270	107	368	250	80	4
FMC20SRN/100	20Way Flush Metal consumer unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+17RNCs(4x6A, 2x10A, 3x16A,3X20A, 4x32A, 1x40A)	460	270	107	404	250	80	4
FMC22SRN/100	22Way Flush Metal consumer unit c/w 100A Main Switch/ and 20/40kA Surge Protective Device+19RNCs(5x6A, 2x10A, 3x16A, 3X20A,5x32A, 1x40A)	496	270	107	440	250	80	4

Metal Surge Protection Consumer Unit Surface Mounted



Design Features

- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail , cable gland.
- Fitted with DP 100A main Switch.
- Fitted with 20/40kA T2 Surge Protective Device (SP140 1P+N/1).

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LSMC4M-SP	4 Way Metal Consumer Unit c/w 100A Main Switch+20/40kA Surge Protective Device (1 usable way)	136	270	110	6
LSMC6M-SP	6 Way Metal Consumer Unit c/w 100A Main Switch+20/40kA Surge Protective Device (3 usable way)	172	270	110	6
LSMC8M-SP	8 Way Metal Consumer Unit c/w 100A Main Switch+20/40kA Surge Protective Device (5 usable way)	208	270	110	6
LSMC10M-SP	10 Way Metal Consumer Unit c/w 100A Main Switch+20/40kA Surge Protective Device (7 usable way)	244	270	110	4
LSMC12M-SP	12 Way Metal Consumer Unit c/w 100A Main Switch+20/40kA Surge Protective Device (9 usable way)	280	270	110	4
LSMC14M-SP	14 Way Metal Consumer Unit c/w 100A Main Switch+20/40kA Surge Protective Device (11 usable way)	316	270	110	4
LSMC16M-SP	16 Way Metal Consumer Unit c/w 100A Main Switch+20/40kA Surge Protective Device (13 usable way)	352	270	110	4
LSMC18M-SP	18 Way Metal Consumer Unit c/w 100A Main Switch+20/40kA Surge Protective Device (15 usable way)	388	270	110	4
LSMC22M-SP	22 Way Metal Consumer Unit c/w 100A Main Switch+20/40kA Surge Protective Device(19 usable way)	460	270	110	4
LSMC24M-SP	24 Way Metal Consumer Unit c/w 125A Main Switch+20/40kA Surge Protective Device (21 usable way)	496	270	110	4

Metal Surge Protection Consumer Unit Flush Mounted



Design Features

- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail , cable gland.
- Fitted with DP 100A main Switch.
- Fitted with 20/40kA T2 Surge Protective Device (SP140 1P+N/1).

Part No	Description	W (mm)	H (mm)	D (mm)	Flush (W)	Flush (H)	Flush (D)	Box Qty
FMC4M-SP	4Way Flush Metal Consumer Unit c/w 100A Main Switch+ 20/40kA Surge Protective Device (1 usable way)	172	270	107	152	250	80	6
FMC6M-SP	6 Way Flush Metal Consumer Unit c/w 100A Main Switch+ 20/40kA Surge Protective Device (3 usable way)	208	270	107	188	250	80	6
FMC8M-SP	8 Way Flush Metal Consumer Unit c/w 100A Main Switch+ 20/40kA Surge Protective Device (5 usable way)	244	270	107	224	250	80	4
FMC10M-SP	10 Way Flush Metal Consumer Unit c/w 100A Main Switch+ 20/40kA Surge Protective Device (7 usable way)	280	270	107	260	250	80	4
FMC12M-SP	12 Way Flush Metal Consumer Unit c/w 100A Main Switch+ 20/40kA Surge Protective Device (9 usable way)	316	270	107	296	250	80	4
FMC14M-SP	14 Way Flush Metal Consumer Unit c/w 100A Main Switch+ 20/40kA Surge Protective Device (11 usable way)	352	270	107	332	250	80	4
FMC16M-SP	16 Way Flush Metal Consumer Unit c/w 100A Main Switch+ 20/40kA Surge Protective Device (13 usable way)	388	270	107	368	250	80	4
FMC20M-SP	20 Way Flush Metal Consumer Unit c/w 100A Main Switch+ 20/40kA Surge Protective Device (17 usable way)	460	270	107	404	250	80	4
FMC22M-SP	22 Way Flush Metal Consumer Unit c/w 100A Main Switch+ 20/40kA Surge Protective Device (19 usable way)	496	270	107	440	250	80	4

Metal Surge Protection Populated Unit Surface Mounted

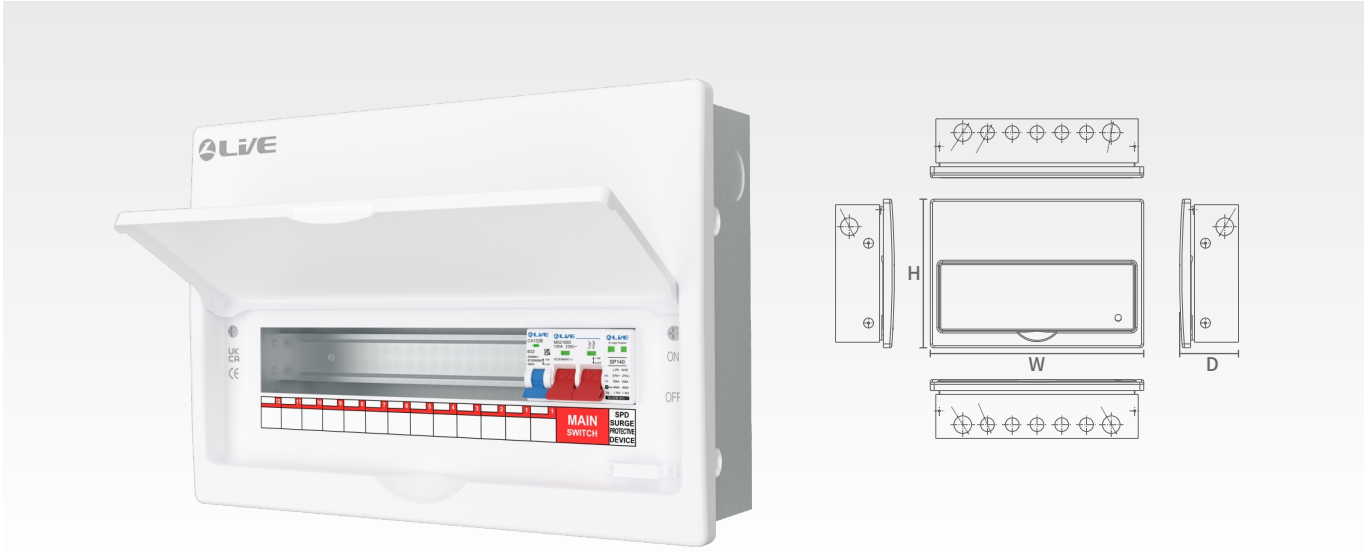


Design Features

- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail , cable gland.
- Fitted with DP 100A & 125A main Switch.
- Fitted with 32A MCB.
- Fitted with 20/40kA T2 Surge Protective Device (SP140 1P+N/2) .

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LSMC4S-SM	4 Way Metal Consumer Unit c/w 100A Main Switch,B32A MCB+20/40kA Surge Protective Device	136	270	110	6
LSMC6S-SM	6 Way Metal Consumer Unit c/w 100A Main Switch,B32A MCB+20/40kA Surge Protective Device(2 usable way)	172	270	110	6
LSMC8S-SM	8 Way Metal Consumer Unit c/w 100A Main Switch,B32A MCB+20/40kA Surge Protective Device(4 usable way)	208	270	110	6
LSMC10S-SM	10 Way Metal Consumer Unit c/w 100A Main Switch,B32A MCB+20/40kA Surge Protective Device(6 usable way)	244	270	110	4
LSMC12S-SM	12 Way Metal Consumer Unit c/w 100A Main Switch,B32A MCB+20/40kA Surge Protective Device (8 usable way)	280	270	110	4
LSMC14S-SM	14 Way Metal Consumer Unit c/w 100A Main Switch,B32A MCB+20/40kA Surge Protective Device(10 usable way)	316	270	110	4
LSMC16S-SM	16 Way Metal Consumer Unit c/w 100A Main Switch,B32A MCB+20/40kA Surge Protective Device (12 usable way)	352	270	110	4
LSMC18S-SM	18 Way Metal Consumer Unit c/w 100A Main Switch,B32A MCB+20/40kA Surge Protective Device (14 usable way)	388	270	110	4
LSMC22S-SM	22 Way Metal Consumer Unit c/w 100A Main Switch,B32A MCB+20/40kA Surge Protective Device (18 usable way)	460	270	110	4
LSMC24S-SM	24 Way Metal Consumer Unit c/w 125A Main Switch,B32A MCB+20/40kA Surge Protective Device (20usable way)	496	270	110	4

Metal Surge Protection Populated Unit Flush Mounted



Design Features

- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail , cable gland.
- Fitted with DP 100A main Switch.
- Fitted with 32A MCB.
- Fitted with 20/40kA T2 Surge Protective Device (SP140 1P+N/2) .

Part No	Description	W (mm)	H (mm)	D (mm)	Flush (W)	Flush (H)	Flush (D)	Box Qty
FMC4S-SM	4Way Flush Metal Consumer Unit c/w 100A Main Switch, B32A MCB+20/40kA Surge Protective Device	172	270	107	152	250	80	6
FMC6S-SM	6 Way Flush Metal Consumer Unit c/w 100A Main Switch+, B32A MCB+20/40kA Surge Protective Device (2 usable way)	208	270	107	188	250	80	6
FMC8S-SM	8 Way Flush Metal Consumer Unit c/w 100A Main Switch, B32A MCB+20/40kA Surge Protective Device(4 usable way)	244	270	107	224	250	80	4
FMC10S-SM	10 Way Flush Metal Consumer Unit c/w 100A Main Switch, B32A MCB+20/40kA Surge Protective Device (6 usable way)	280	270	107	260	250	80	4
FMC12S-SM	12 Way Flush Metal Consumer Unit c/w 100A Main Switch, B32A MCB+20/40kA Surge Protective Device (8 usable way)	316	270	107	296	250	80	4
FMC14S-SM	14 Way Flush Metal Consumer Unit c/w 100A Main Switch, B32A MCB+20/40kA Surge Protective Device (10 usable way)	352	270	107	332	250	80	4
FMC16S-SM	16 Way Flush Metal Consumer Unit c/w 100A Main Switch, B32A MCB+20/40kA Surge Protective Device(12 usable way)	388	270	107	368	250	80	4
FMC20S-SM	20 Way Flush Metal Consumer Unit c/w 100A Main Switch, B32A MCB+20/40kA Surge Protective Device (16 usable way)	460	270	107	404	250	80	4
FMC22S-SM	22 Way Flush Metal Consumer Unit c/w 100A Main Switch, B32A MCB+20/40kA Surge Protective Device (18 usable way)	496	270	107	440	250	80	4

Metal Surge Protection Populated Unit Surface Mounted

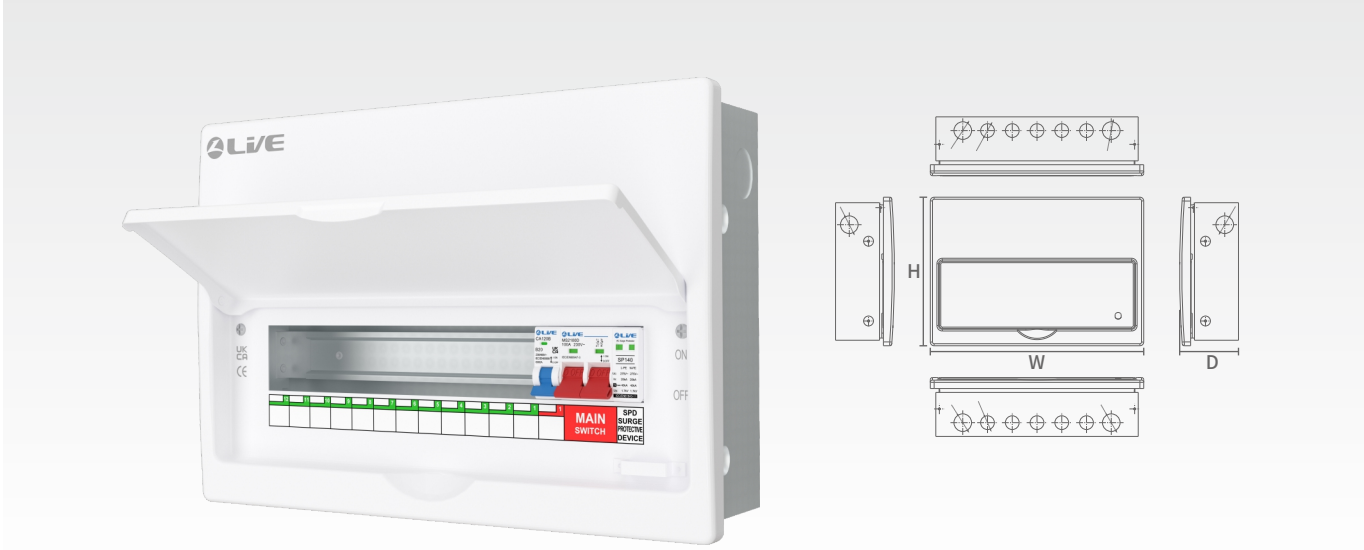


Design Features

- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail , cable gland.
- Fitted with DP 100A &125A main Switch.
- Fitted with 20A MCB.
- Fitted with 20/40kA T2 Surge Protective Device (SP140 1P+N/2) .

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LSMC4S-SM20	4 Way Metal Consumer Unit c/w 100A Main Switch,B20A MCB+20/40kA Surge Protective Device	136	270	110	6
LSMC6S-SM20	6 Way Metal Consumer Unit c/w 100A Main Switch,B20A MCB+20/40kA Surge Protective Device(2 usable way)	172	270	110	6
LSMC8S-SM20	8 Way Metal Consumer Unit c/w 100A Main Switch,B20A MCB+20/40kA Surge Protective Device(4 usable way)	208	270	110	6
LSMC10S-SM20	10 Way Metal Consumer Unit c/w 100A Main Switch,B20A MCB+20/40kA Surge Protective Device(6 usable way)	244	270	110	4
LSMC12S-SM20	12 Way Metal Consumer Unit c/w 100A Main Switch,B20A MCB+20/40kA Surge Protective Device (8 usable way)	280	270	110	4
LSMC14S-SM20	14 Way Metal Consumer Unit c/w 100A Main Switch,B20A MCB+20/40kA Surge Protective Device(10 usable way)	316	270	110	4
LSMC16S-SM20	16 Way Metal Consumer Unit c/w 100A Main Switch,B20A MCB+20/40kA Surge Protective Device (12 usable way)	352	270	110	4
LSMC18S-SM20	18 Way Metal Consumer Unit c/w 100A Main Switch,B20A MCB+20/40kA Surge Protective Device (14 usable way)	388	270	110	4
LSMC22S-SM20	22 Way Metal Consumer Unit c/w 100A Main Switch,B20A MCB+20/40kA Surge Protective Device (18 usable way)	460	270	110	4
LSMC24S-SM20	24 Way Metal Consumer Unit c/w 125A Main Switch,B20A MCB+20/40kA Surge Protective Device (20usable way)	496	270	110	4

Metal Surge Protection Populated Unit Flush Mounted



Design Features

- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail , cable gland.
- Fitted with DP 100A main Switch.
- Fitted with 20A MCB.
- Fitted with 20/40kA T2 Surge Protective Device (SP140 1P+N/2) .

Part No	Description	W (mm)	H (mm)	D (mm)	Flush (W)	Flush (H)	Flush (D)	Box Qty
FMC4S-SM20	4Way Flush Metal Consumer Unit c/w 100A Main Switch, B20A MCB+20/40kA Surge Protective Device	172	270	107	152	250	80	6
FMC6S-SM20	6 Way Flush Metal Consumer Unit c/w 100A Main Switch+, B20A MCB+20/40kA Surge Protective Device (2 usable way)	208	270	107	188	250	80	6
FMC8S-SM20	8 Way Flush Metal Consumer Unit c/w 100A Main Switch, B20A MCB+20/40kA Surge Protective Device(4 usable way)	244	270	107	224	250	80	4
FMC10S-SM20	10 Way Flush Metal Consumer Unit c/w 100A Main Switch, B20A MCB+20/40kA Surge Protective Device (6 usable way)	280	270	107	260	250	80	4
FMC12S-SM20	12 Way Flush Metal Consumer Unit c/w 100A Main Switch, B20A MCB+20/40kA Surge Protective Device (8 usable way)	316	270	107	296	250	80	4
FMC14S-SM20	14 Way Flush Metal Consumer Unit c/w 100A Main Switch, B20A MCB+20/40kA Surge Protective Device (10 usable way)	352	270	107	332	250	80	4
FMC16S-SM20	16 Way Flush Metal Consumer Unit c/w 100A Main Switch, B20A MCB+20/40kA Surge Protective Device(12 usable way)	388	270	107	368	250	80	4
FMC20S-SM20	20 Way Flush Metal Consumer Unit c/w 100A Main Switch, B20A MCB+20/40kA Surge Protective Device (16 usable way)	460	270	107	404	250	80	4
FMC22S-SM20	22 Way Flush Metal Consumer Unit c/w 100A Main Switch, B20A MCB+20/40kA Surge Protective Device (18 usable way)	496	270	107	440	250	80	4

CONSUMER UNIT AND ENCLOSURE

LIVE ELECTRICAL
DISTRIBUTION
UK LTD



Double & Triple Stack Metal Enclosures



- Consumer unit enclosures supplied with blank, Neutral Cable, Busbar, Neutrual & Earth Terminal bar, Din Rail.
- Fully enclosed metal construction body with drop down metal lid.
- Multiple circular cable entry knock-outs (25&32mm) on the top and bottom,40mm on the sides, and back plus larger rear slots.
- Raised key holes for secure easy installation.
- Raised Din rail improves cable routing.
- Modern style finished in white polyester powder coating to RAL9010.
- Large and accessible wiring space, with extra space for RCBs, MCBs,
- Flexible connection allows for various configurations of protected ways.
- BSEN61439-3.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LHMC24	24 Way Metal clad Consumer Unit Enclosure	279	465	110	1
LHMC28	28 Way Metal Clad Consumer Unit Enclosure	305	465	110	1
LHMC36	36 Way Metal Clad Consumer Unit Enclosure	377	465	110	1
LHMC48	48 Way Metal Clad Consumer Unit Enclosure	341	740	110	1

Metal Consumer Unit With Incomer



- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail and with DP 100A main Switch.
- Fitted with DP 125A Main Switch.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LHMC24/125	24 Way Metal Clad Consumer Unit c/w 125A Main Switch(22 usable ways)	279	465	110	1
LHMC28/125	28 Way Metal Clad Consumer Unit c/w 125A Main Switch(26 usable ways)	305	465	110	1
LHMC36/125	36 Way Metal Clad Consumer Unit c/w 125A Main Switch(34 usable ways)	377	465	110	1
LHMC48/125	48 Way Metal Clad Consumer Unit c/w 125A Main Switch(46 usable ways)	341	740	110	1

Metal RCD Incomer



- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail.
- Fitted with type A DP RCD.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LHMC08-RC63	8 Way Metal Clad Consumer Unit c/w 63A 30mA RCD (6 usable ways)	197	252	110	6
LHMC08-RC80	8 Way Metal Clad Consumer Unit c/w 80A 30mA RCD (6 usable ways)	197	252	110	6
LHMC12-RC63	12 Way Metal Clad Consumer Unit c/w 63A 30mA RCD (10 usable ways)	269	252	110	4
LHMC12-RC80	12 Way Metal Clad Consumer Unit c/w 80A 30mA RCD (10 usable ways)	269	252	110	4

Metal RCD Split Load Consumer Unit



- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail.
- Fitted with 2x Type A DP RCD.
- Fitted with 100A/125A Main Switch.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LHMC1680TR	16 Way Split Load c/w 100A Main Switch / 2×80A 30mA RCD (10 usable ways)	341	252	110	4
LHMC1863TR	18 Way Split Load c/w 100A Main Switch / 2×63A 30mA RCD (12 usable ways)	377	252	110	4
LHMC1880TR	18 Way Split Load c/w 100A Main Switch / 2×80A 30mA RCD (12 usable ways)	377	252	110	4
LHMC2280TR	22 Way Split Load c/w 100A Main Switch / 2×80A 30mA RCD (16 usable ways)	449	252	110	4
LHMC2480TR	24 Way Split Load c/w 125A Main Switch / 2x80A 30mA RCD(18 usable ways)	279	465	110	1
LHMC2880TR	28 Way Split Load c/w 125 Main Switch / 2x80A 30mA RCD(22 usable ways)	305	465	110	1
LHMC16100TR/125	16 Way Split Load c/w 125A Main Switch / 2x100A 30mA RCD (10 usable ways)	341	252	110	4
LHMC18100TR/125	18 Way Split Load c/w 125A Main Switch / 2x100A 30mA RCD (12 usable ways)	377	252	110	4
LHMC22100TR/125	22 Way Split Load c/w 125A Main Switch / 2x100A 30mA RCD(16 usable ways)	449	252	110	4
LHMC48100TR/125	48 Way Split Load c/w 125A Main Switch / 2x100A 30mA RCD(42 usable ways)	341	740	110	1

Metal RCD Split Load Populated With MCB Unit



- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail.
- Fitted with 2 type A DP RCD.
- Fitted with DP 100A main Switch.
- Fitted with MCBs.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LHMC1663TR-A	16 Way Split Load c/w 100A Main Switch / 2×63A 30mA RCD+10 MCBs (3×6A, 2×16A, 4×32A, 1×40A)	341	252	110	4
LHMC1880TR-A	18 Way Split Load c/w 100A Main Switch / 2×80A 30mA RCD+12 MCBs (4×6A, 3×16A, 4×32A, 1×40A)	377	252	110	4

Metal Surge Protected RCD Split Load Populated With MCB Unit



- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail.
- Fitted with 2 type A DP RCD.
- Fitted with DP 100A main Switch.
- Fitted with MCBs.
- Fitted with 20/40kA DP Surge Protective Device.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LHMC1880TR-AS	18 Way Split Load c/w 100A Main Switch / 2×80A 30mA RCD+10 MCBs (3x6A, 2x16A, 4x32A, 1x40A)+ 20/40kA DP Surge Protective Device	377	252	110	4
LHMC2480TR-AS	24 Way Split Load c/w 125A Main Switch /2 x 80A 30mA RCD+16 MCBs (6x6A,1x10A,2x16A,5x32A, 2x40A)+20/40kA DP Surge Protective Device	279	465	110	1

Metal Surge Protection Consumer Unit



- Fully enclosed metal construction body with drop down metal cover and metal lid.
- Fitted with DP Main Switch (100/125A).
- Fitted with DP Type 2 20/40kA SPD.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
MCU8M-SP	8 Way Metal Consumer Unit c/w 100A Main Switch+20/40kA DP Surge Protective Device (4 usable way)	197	252	110	6
MCU10M-SP	10 Way Metal Consumer Unit c/w 100A Main Switch+20/40kA DP Surge Protective Device (6 usable way)	233	252	110	6
MCU16M-SP	16 Way Metal Consumer Unit c/w 100A Main Switch+20/40kA DP Surge Protective Device (12 usable way)	341	252	110	4
MCU18M-SP	18 Way Metal Consumer Unit c/w 100A Main Switch+20/40kA DP Surge Protective Device (14 usable way)	377	252	110	4
MCU24M-SP	24Way Metal Consumer Unit c/w 125A Main Switch+20/40kA DP Surge Protective Device (20 usable way)	279	465	110	1
MCU28M-SP	28Way Metal Consumer Unit c/w 125A Main Switch+20/40kA DP Surge Protective Device (24 usable way)	305	465	110	1
MCU36M-SP	36Way Metal Consumer Unit c/w 125A Main Switch+20/40kA DP Surge Protective Device (32 usable way)	377	465	110	1

Lockable Consumer Unit



- Lockable consumer unit enclosures supply with blank, Neutral Cable, Busbar, Neutrua& Earth Terminal bar, Din Rail.
- Fully enclosed metal construction body with drop down metal lid.
- Knock-outs (25&32mm) on the top and bottom.
- Raised key holes for secure easy installation.
- Raised Din rail improves cable routing.
- Modern style finished in white polyester powder coating to RAL9010.
- Large and accessible wiring space, with extra space for RCBOs, MCBs,
- Flexible connection allows for various configurations of protected ways.
- BSEN61439-3.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
MGU04L	4 Way Metal Clad Consumer Unit with Lock	125	183	110	12

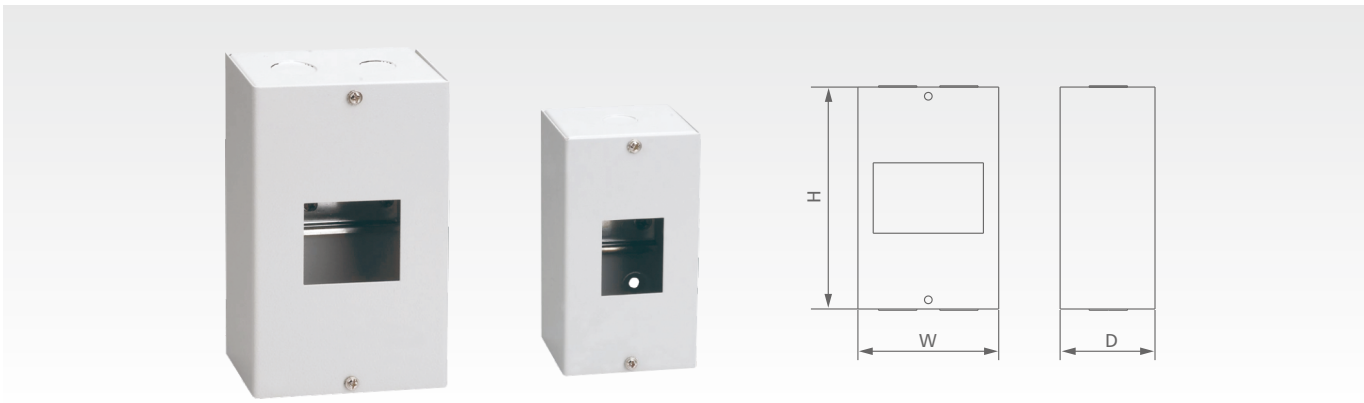
IP40 Metal Enclosure With Lid



- Fitted with Earth terminal bar only.
- Fully enclosed metal construction body with drop down metal cover and metal lid.
- Circular cable entry 20&25mm knock-outs on the top and bottom.
- Raised key holes for secure easy installation.
- Modern style finished in white polyester powder coating to RAL9010.
- Complies with BS EN 61439-3.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
EMCU2-A	2 Way Metal Enclosure with Lid	74	145	80	24
EMCU3-A	3 Way Metal Enclosure with Lid	110	175	80	16
EMCU4-A	4 Way Metal Enclosure with Lid	110	175	80	16
EMCU5-A	5 Way Metal Enclosure with Lid	120	175	80	8

IP20 Metal Modular Enclosures



- Fitted with Earth terminal bar only.
- Manufactured from robust powder coated steel for improved durability.
- large and accessible wiring space, Circular cable entry 20&25mm knock-outs on the top and bottom.
- Raised din rail improves cable routing.
- Allows fitting of RCBOs or MCBs, all circuits can be independently protected by the use of RCBOs.
- BSEN61439-3.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
EMCU2	2Way Metal Modular Enclosure Without Lid	74	145	62	36
EMCU3	3Way Metal Modular Enclosure Without Lid	110	175	62	24
EMCU4	4Way Metal Modular Enclosure Without Lid	110	175	62	24
EMCU4-L	4Way Metal Modular Enclosure Without Lid	115	225	62	18

IP40 Plastic Modular Enclosures

This range is constructed from tough flame retardant ABS and are rated at IP40, making them suitable for most indoor applications. Suitable for housing MCBS, Main Switches & RCD ,etc.



Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
ENC0440	4 Way Plastic Modular Enclosures IP40	156	200	95	16
ENC0640	6 Way Plastic Modular Enclosures IP40	192	200	95	12
ENC0840	8 Way Plastic Modular Enclosures IP40	228	200	95	12
ENC1240	12 Way Plastic Modular Enclosures IP40	264	200	95	8

Insulated IP65 Plastic Enclosure



- IP65 rated, Suitable for a variety of outdoor uses.
- Manufactured from insulated flame retardent ABS.
- Suitable for housing modular components.
- Supplied complete with terminal bar (Earth only) & Din rail.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
EV465	4 way Module plastic Enclosure IP65	140	206	95	20

Insulated IP65 Plastic Enclosure



- IP65 rated, Suitable for a variety of outdoor uses.
- Manufactured from insulated flame retardent ABS.
- Suitable for housing modular components.
- Supplied complete with terminal bar & Din rail.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
ENC465-A	IP 65 4 Way Module Plastic Enclosure with 100A Main Switch and MCBs	140	206	95	20
ENC465/A	4way Module plastic Enclosure Put in terminal bars, neutral cable and three pin bus bar	140	206	95	20
ENC865	8 Way Module Plastic Enclosure IP65	210	208	120	20
ENC865-A	8 way Module plastic Enclosure IP65 +100A Main Switch+6MCBs	210	208	120	20
ENC865/A	12 Way Module Plastic Enclosure Ip65	297	262	135	20
ENC1265	8way Module plastic Enclosure Put in terminal bars, neutral cable and three pin bus bar	210	208	120	20
ENC1265-A	12 way Module plastic Enclosure IP65 +100A Main Switch+MCBs	297	262	135	20
ENC24	24 Way Module Plastic Enclosure IP65	297	415	140	4
ENC24-A	24 way Module plastic Enclosure IP65 +100A Main Switch+MCBs	297	415	140	4
ENC36	36Way Module plastic Enclosure IP65	298	570	140	2
ENC54	54Way Module plastic Enclosure IP65	413	569	138.5	1
ENC72	72Way Module plastic Enclosure IP65	413	878	160.4	1

Insulated IP65 Plastic Enclosure With Lock



- IP65 rated, Suitable for a variety of outdoor uses.
- Manufactured from insulated flame retardent ABS.
- Suitable for housing modular components.
- Supplied complete with terminal bar & Din rail.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
ENC465L	4 way Module plastic Enclosure IP65 With Lock	140	206	95	20
ENC865L	8 way Module plastic Enclosure IP65 With Lock	210	208	120	20
ENC1265L	12 way Module plastic Enclosure IP65 With Lock	298	260	140	10
ENC1865L	18 way Module plastic Enclosure IP65 with Lock	410	285	140	5

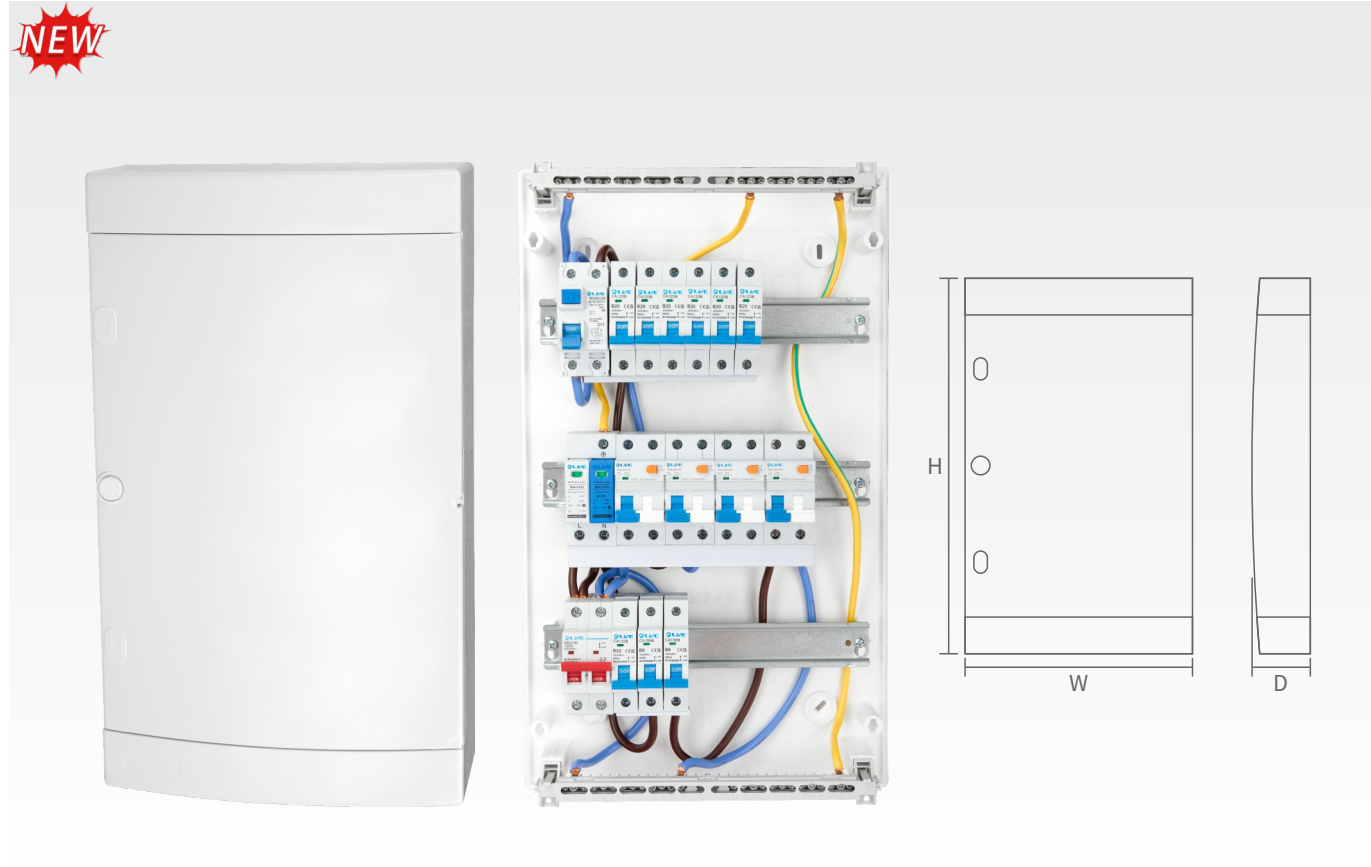
IP65 Enclosures / Shower Units / Garage Units



- Suitable for a variety of outdoor uses.
- IP65 rated.
- Fixed busbar.
- Manufactured from insulated flame retardent ABS.
- Manufactured and approved to BS EN60439-3,BS EN61008-1 BS EN60898.
- Fitted with type A RCD.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
ENC0365	3 Way Enclosure IP65	95	185	110	12
ENC0565	5 Way Enclosure IP65	130	185	110	12
ENC0865	8 Way Enclosure IP65	190	185	110	12
ES0365-A	3 Way c/w 63A RCD + B40A MCB IP65	95	185	110	12
ES0365-B	3 Way c/w 63A RCD + B50A MCB IP65	95	185	110	12
EG0565-A	5 Way c/w 63A RCD + B6A/B16A MCB IP65	130	185	110	12
EG0565-B	5 Way c/w 63A RCD + B6A/B20A MCB IP65	130	185	110	12
EG0565-C	5 Way c/w 63A RCD + B6A/B32A MCB IP65	130	185	110	12

Plastic Consumer Units



Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
PCN36	36Way Plastic enclosure	287	486	105	1
PCN3663RM-SP	36Way Plastic enclosure c/w 100A Main Switch/ 1X63A 30mA RCD /4RCBOsand 20/40kA Surge Protective Device(SA1401P+N)+9MCBs	287	486	105	1

Metal Heat Pump Unit With Type B-HP/B/F RCCB



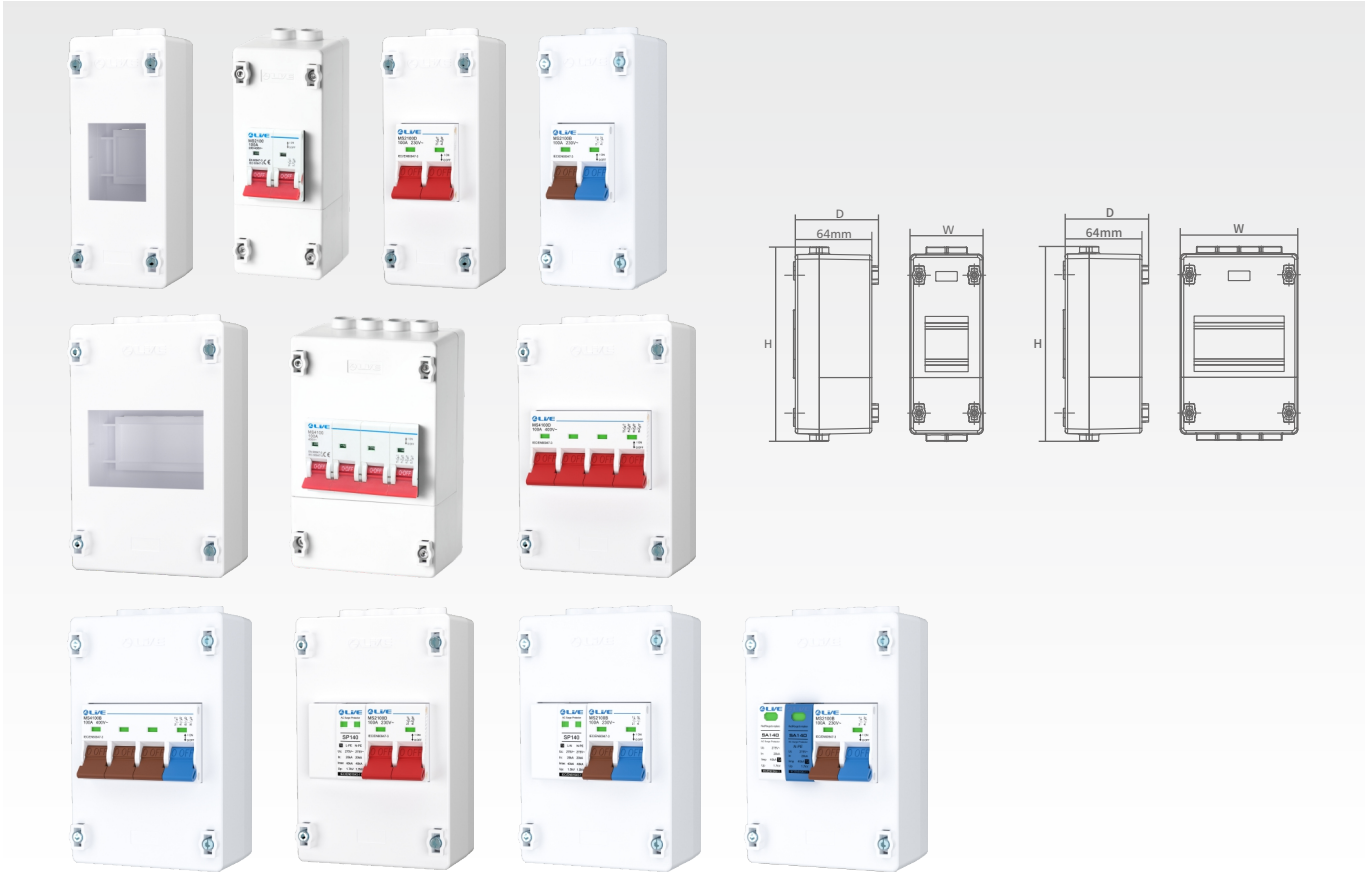
Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LHP840MSB	8 Module Metal Clad Consumer Unit c/w 100A Main switch/40A TYPE B RCCB/2P 40A 10KA MCB+ 20/40kA Surge Protective Device	208	270	110	6
LHP840MSF	8 Module Metal Clad Consumer Unit c/w 100A Main switch/40A TYPE F RCD/2P 40A 6KA MCB/PCUBLANK+ 20/40kA Surge Protective Device	208	270	110	6
LHP840MSE	8 Module Metal Clad Consumer Unit c/w 100A Main switch/40A TYPE B-HP RCCB/2P 40A 10KA MCB+20/40kA Surge Protective Device	208	270	110	6

METER ISOLATION AND METAL SWITCH FUSED BOX

LIVE ELECTRICAL
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IP20 Plastic Meter Isolation

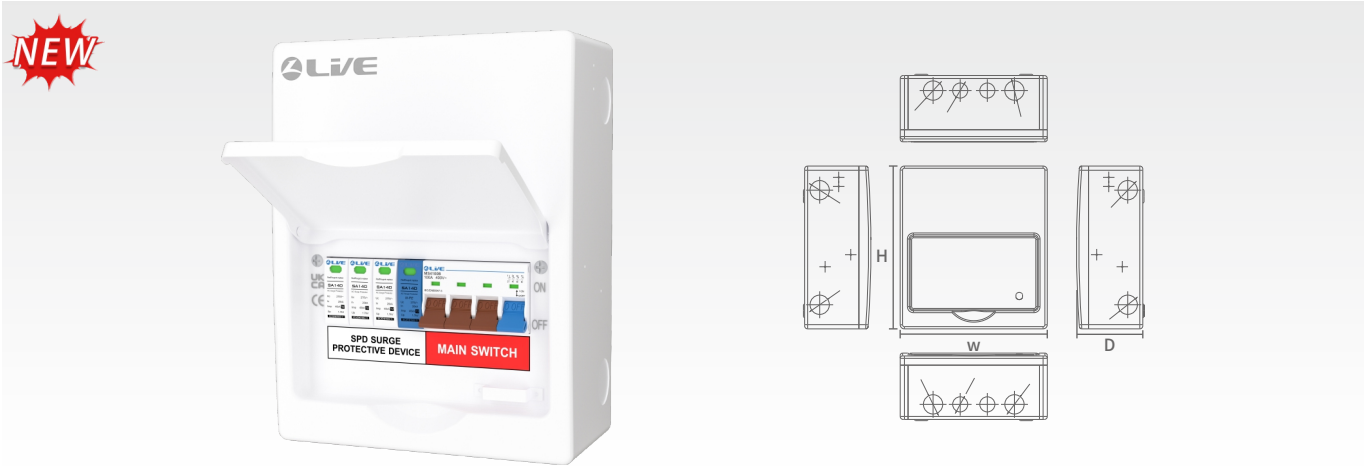


Design Features

This range is constructed from tough flame retardant ABS and rated at IP20, making them suitable for most indoor applications.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
PEN2	2 Way Plastic Enclosure	61	162	69.5	50
PEN2100	2 Way Plastic Enclosure with DP 100A Main Switch (MS2100)	61	162	69.5	50
PEN2100D	2 Way Plastic Enclosure with DP 100A Main Switch (MS2100D)	61	162	69.5	50
PEN2100B	2 Way Plastic Enclosure with DP 100A Main Switch (MS2100B)	61	162	69.5	50
PEN4	4 Way Plastic Enclosure	97	162	69.5	25
PEN4100	4 Way Plastic Enclosure with 4 Pole 100A Main Switch(MS4100)	97	162	69.5	25
PEN4100D	4 Way Plastic Enclosure with 4 Pole 100A Main Switch (MS4100D)	97	162	69.5	25
PEN4100B	4 Way Plastic Enclosure with 4 Pole 100A Main Switch(MS4100B)	97	162	69.5	25
PEN2100-SP	4 Way Plastic Enclosure with DP 100A Main Switch(MS2100) +20/40kA DP Surge Protective Device	97	162	69.5	25
PEN2100D-SP	4 Way Plastic Enclosure with DP 100A Main Switch(MS2100D) +20/40kA DP Surge Protective Device(SP140 1P+N/1)	97	162	69.5	25
PEN2100B-SP	4 Way Plastic Enclosure with DP 100A Main Switch(MS2100B)+20/40kA DP Surge Protective Device (SP140 1P+N/1)	97	162	69.5	25
PEN2100B-SA	4 Way Plastic Enclosure with DP 100A Main Switch(MS2100B)+20/40kA DP Surge Protective Device (SA140 1P+N)	97	162	69.5	25

3 Phase Isolation With Surge Device



- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail ,cable gland.
- Fitted with 4P 100A Main Switch.
- Fitted with 20/40kA T2 Surge Protective Device.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LSMC8S-SA	8Way Metal Consumer Unit c/w100A Main switch &20/40kA T2 Surge Protective Device (SA140 3P+N)	208	270	110	6

Mini Metal Surge Protection Consumer unit



- Fully enclosed metal construction body with drop down metal cover and metal lid.
- Raised key holes for secure easy installation.
- Fitted with Earth terminal bar.
- Circular cable entry 20&25mm knock-outs on the top and bottom.
- Modern style finished in white polyester powder coating to RAL9010.
- Complies with BS EN 61439-3, BS EN60947-3 & BS EN 61643-11.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
EMCU4-SP	4 Way Metal Enclosure c/w 100A Main Switch and 20/40kA DP Surge Protective Device	110	175	80	12

Metal Isolation Unit

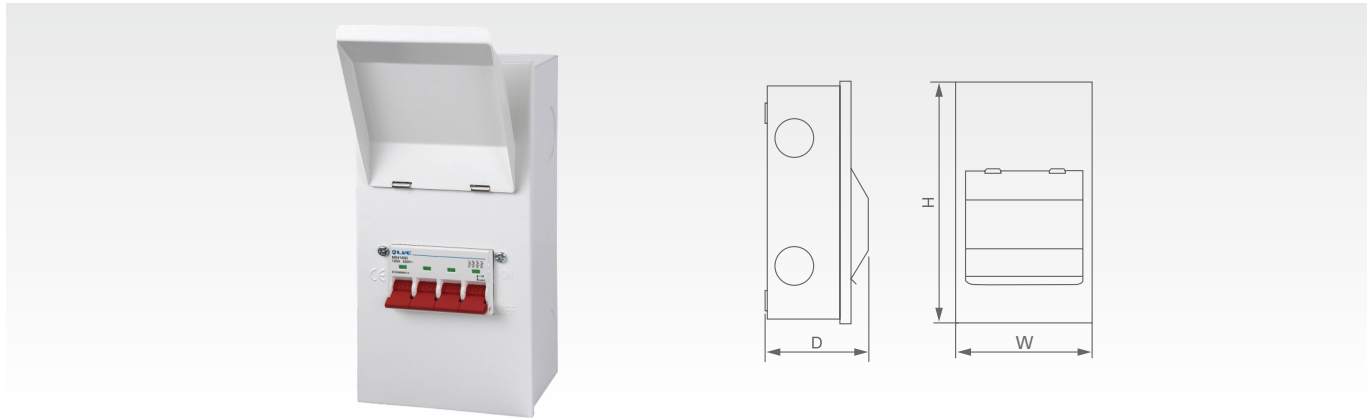


Fully enclosed metal construction body with drop down metal lid. Circular cable entry knock-outs(20&25mm) on the top and bottom.Large and accessible wiring space, with extra space for RCBs, MCBs.Flexible connection allows for various configurations of protected ways.

- Modern style finished in white polyester powder coating to RAL9010.
- Fitted with Earth terminal bar only.
- Surface mounted.
- IP40.
- BSEN61439-3,IEC/EN60947-3,IEC/EN64643-11.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
EMU2	2 Way Metal Enclosure	79	230	96	1
EMU4	4 Way Metal Enclosure	115	230	96	1
EMU2M	2 Way Metal Enclosure With 100A DP Main Switch (MS2100B)	79	230	96	1
EMU4M	4 Way Metal Enclosure With 100A 4P Main Switch (MS4100B)	115	230	96	1
EMU4-SP	4 Way Metal Enclosure With 100A DP Main Switch (MS2100B)&20/40kA T2 Surge Protective Device(SA140 1P+N)	115	230	96	1

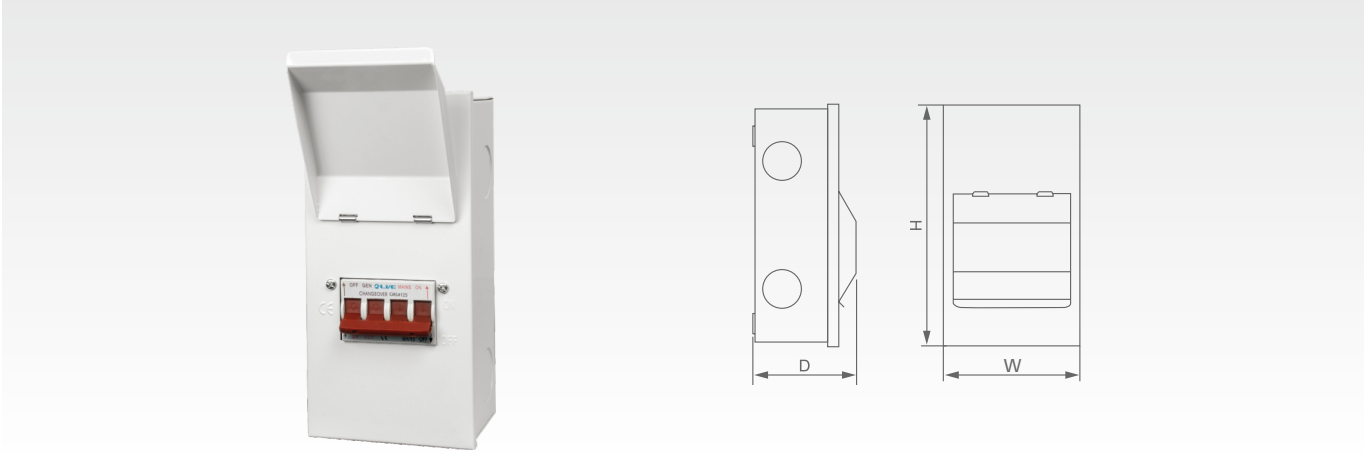
Metal Main Switch Enclosure



- Fully enclosed metal construction body with drop down metal lid.
- Modern style finished in white polyester powder coating to RAL9010.
- Multiple circular cable entry knock-outs(25&32mm)on the top and bottom, 40mm on the sides, and back plus larger rear slots.
- Complies with BS EN61439-3 EN60947-3.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
MSE100	4 Way Enclosure c/w 4Pole 100A Main Switch	125	183	110	8
MSE125	4 Way Enclosure 4 Pole 125A Main Switch	125	183	110	8

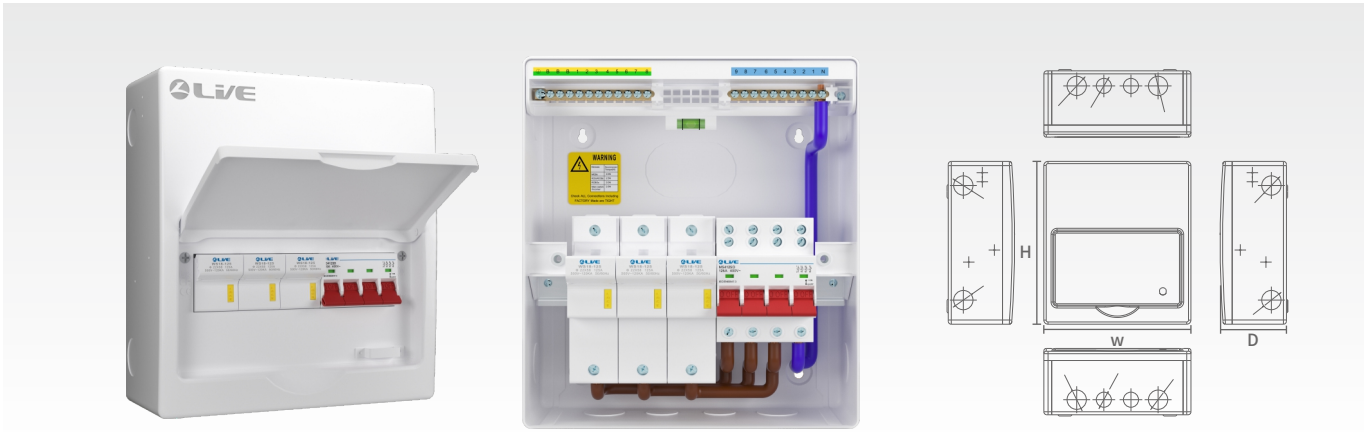
Metal 125A Changeover Switch Box



- Fully enclosed metal construction body with drop down metal lid.
- Modern style finished in white polyester powder coating to RAL9010.
- Multiple circular cable entry knock-outs(25&32mm)on the top and bottom, 40mm on the sides, and back plus larger rear slots.
- 100/125A Changeover switch.
- Complies with BS EN61439-3 EN60947-3.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
MCS100A	4 Way Metal Enclosure c/w 100A Changeover switch	125	252	110	8
MCS125A	4 Way Metal Enclosure c/w 125A Changeover switch	125	252	110	8

3-Phase Metal Switch Fuse Box Surface Mounted

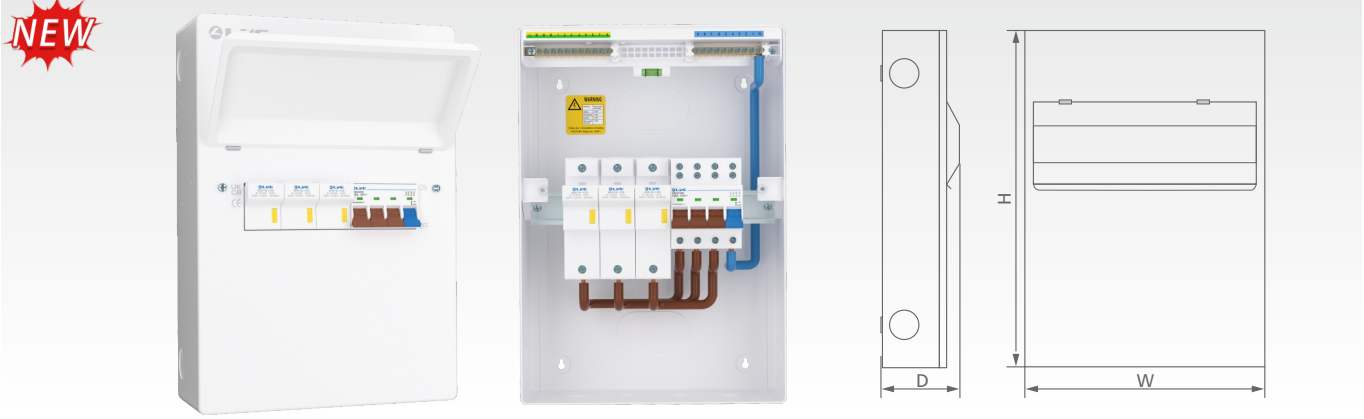


Design Features

- Ideal for the protection & Isolation of incoming supplies.
- 3-Phase Metal Switch Fuse Box.
- BS EN61439-3 compliant.
- Fitted with 1x 4 Pole 125A Main Switch.
- Fitted with 3 x Fuse Holder 125A.
- Multiple circular cable entry knock-outs (25&32mm) on the top and bottom,32mm on the sides.
- Surface mounted.
- Max cable capacity:50mm².
- IP40.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LSFS125	Metal 3X125A Fused Switch c/w 4P125A Main Switch without Fuse	244	270	110	4

3-Phase Metal Switch Fuse Box Surface Mounted

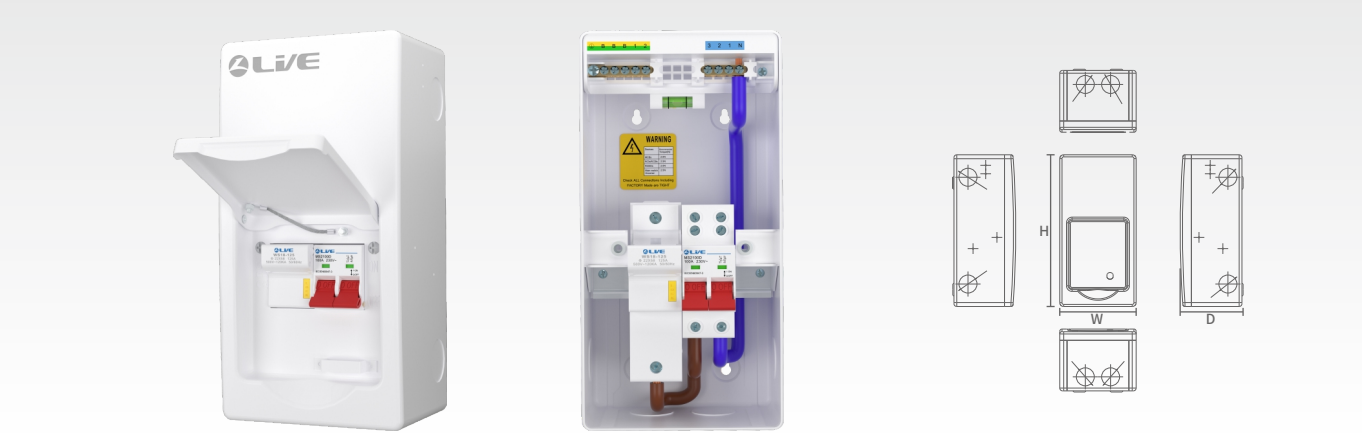


Design Features

- Ideal for the protection & Isolation of incoming supplies.
- Multiple circular cable entry knock-outs (25&32mm) on the top and bottom,32mm on the sides.
- 3-Phase Metal Switch Fuse Box.
- 50mm² max cable capacity.
- BS EN61439-3 compliant.
- Fitted with 1x 4 Pole 100A Main Switch.
- Fitted with 3P 125A Fuse Holder.
- Fitted with 3x100A Fuse.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LHFS10	10way Metal Clad Consumer Unit Enclosure	270	390	100	4
LHFS125	Metal 3P 125A Fused Switch c/w 4P100A Main Switch with 3x100A Fuses	270	390	100	4

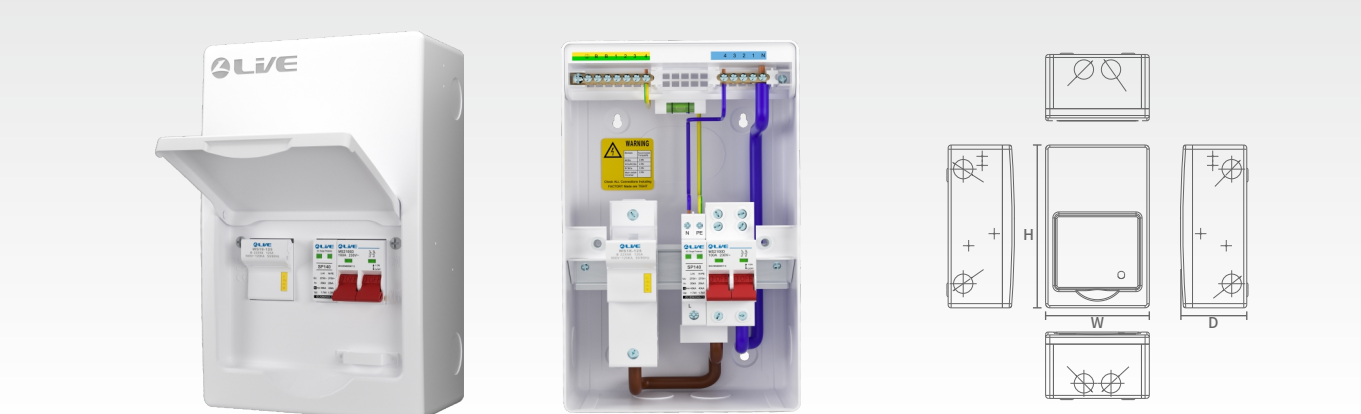
Metal Fused Box Surface Mounted



- Ideal for the protection & Isolation of incoming supplies.
- Single Phase & Switched neutral.
- 50mm² max cable capacity.
- Multiple circular cable entry knock-outs (32mm) on the top , bottom and sides.
- IP40.
- BSEN61439-3.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
L4FM100	Metal 125A Fused Switch c/w 100A Main Switch Without Fuse	136	270	110	6
L4FM100/3F	Metal 125A Fused Switch c/w 100A Main Switch With 3 Fuses (63/80/100A)	136	270	110	6

Metal Fused Box Surface Mounted



Design Features

- Ideal for the protection & Isolation of incoming supplies.
 - Single Phase & Switched neutral.
 - 50mm² max cable capacity.
 - BS EN61439-3 compliant.
- Multiple circular cable entry knock-outs (25&32mm) on the top and bottom, 32mm on the sides.
 - Surface mounted.
 - IP40.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LSFS100	Metal 125A Fused Switch c/w 100A Main Switch and 20/40kA Surge Protective Device Without Fuse	172	270	110	6
LSFS100/3F	Metal 125A Fused Switch c/w 100A Main Switch and 20/40kA Surge Protective Device, 3 Fuses (63/80/100A)	172	270	110	6

Metal Fused Box



- Ideal for the protection & Isolation of incoming supplies.
- Single Phase & Switched neutral.
- 35mm² max cable capacity.
- BS EN61439-3 compliant.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LMFS100	Metal 125A Fuse Switch Box Without Lid IP20	115	225	62	12
MCFS100	Metal 125A Fuse Switch Box With Metal lid	115	225	80	16
MCFS100/3F	Metal 125A Fused Switch c/w 3 Fuses (63/80/100A)	115	225	80	16

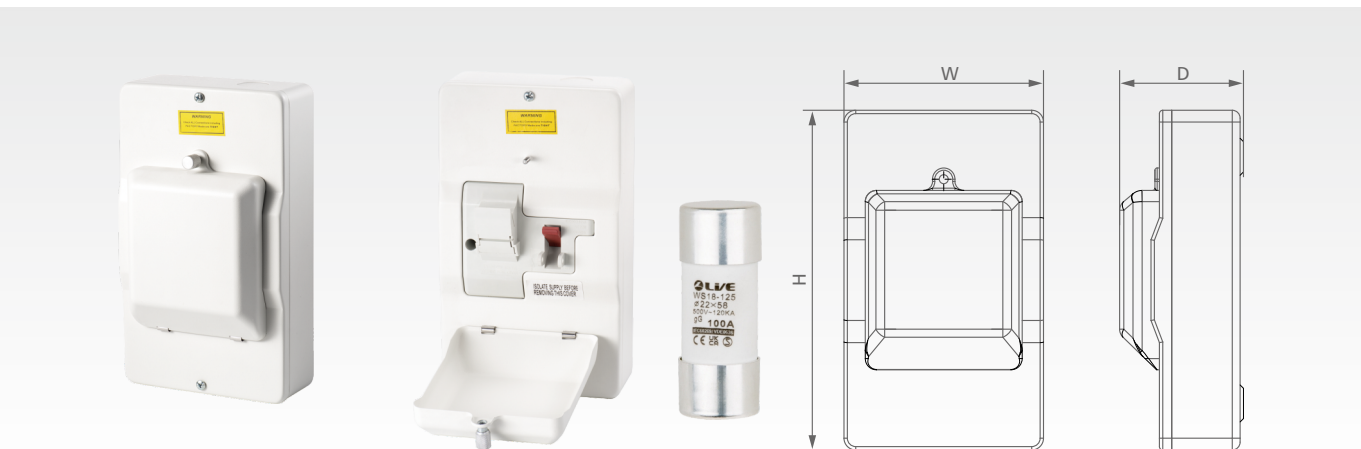
Fused Main Switch



- Manufactured from non combustible bakelite material.
 - Supplied c/w cable shroud.
 - Supplied c/w 80Amps & 100Amps fuses- gG general purpose fuse for conductor protection.
 - Can accommodate a maximum cable capacity of 35mm².
- Can only be removed when in the OFF position.
 - Ideal for the protection & isolation of incoming supplies up to 100A.
 - Manufactured to BS EN 60947-3.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LFIS100	100A Switch fuse c/w 80 & 100A fuse and shroud	122	78	52	30

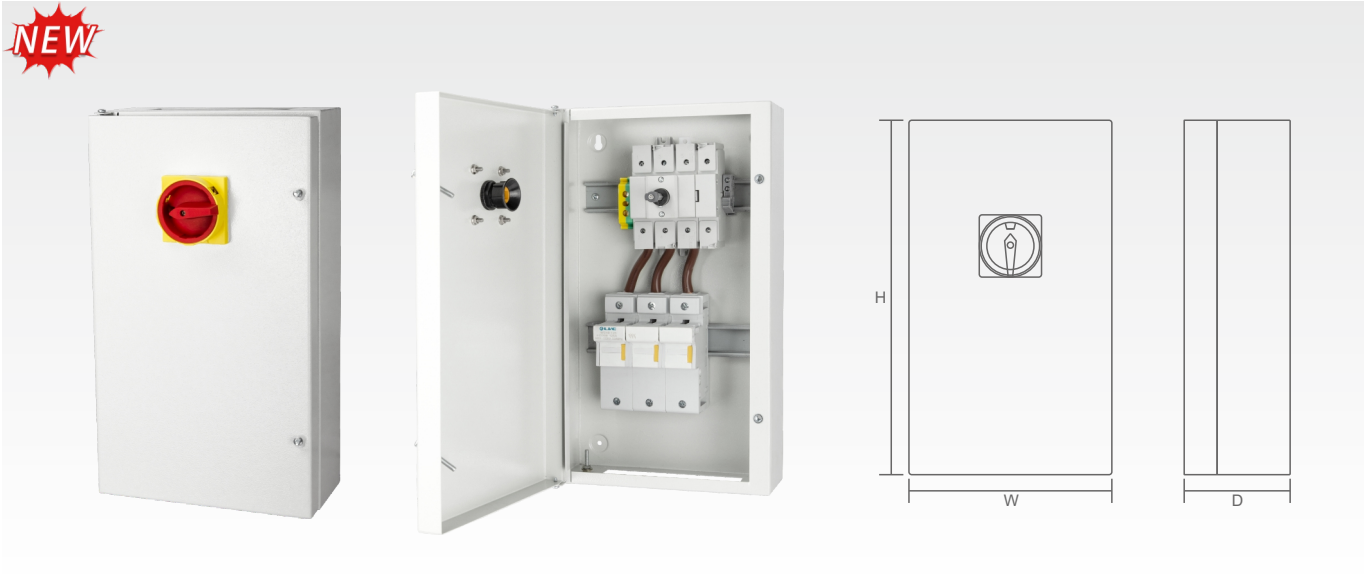
Metal Switch Fuse



- Fully enclosure Non combustible steel body, complies with BSEN 61439-3.
 - Retained cover closure screw.
 - 32mm Diameter standard Knock-out on the top and bottom.
 - With seal facility on terminal screw cover preventing accidental contact.
- LIVE and Neutral cable capacity 16mm² min and 35mm² Max.
 - Fuse Switch complies with BSEN60947-3.
 - Supplied c/w 80Amps fuse-gG general purpose fuse for conductor protection.
 - 100Amps fuse is a separate purchase.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
MSFU100	Metal Main Switch fuse c/w 100A fuse	178	303	108	6

IP20 Metal Enclosed Door Interlocked Fused Switches



- Fitted with 4P125A Isolation switch.
- Fitted with 3P 125A Fuse Holder.
- Fitted with 22x58mm 100A Fuse.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
MFS125	125A Metal Enclosed Door Interlocked Fused Switches	230	396	116	1

IP66 Metal Enclosed Door Interlocked Fused Switches

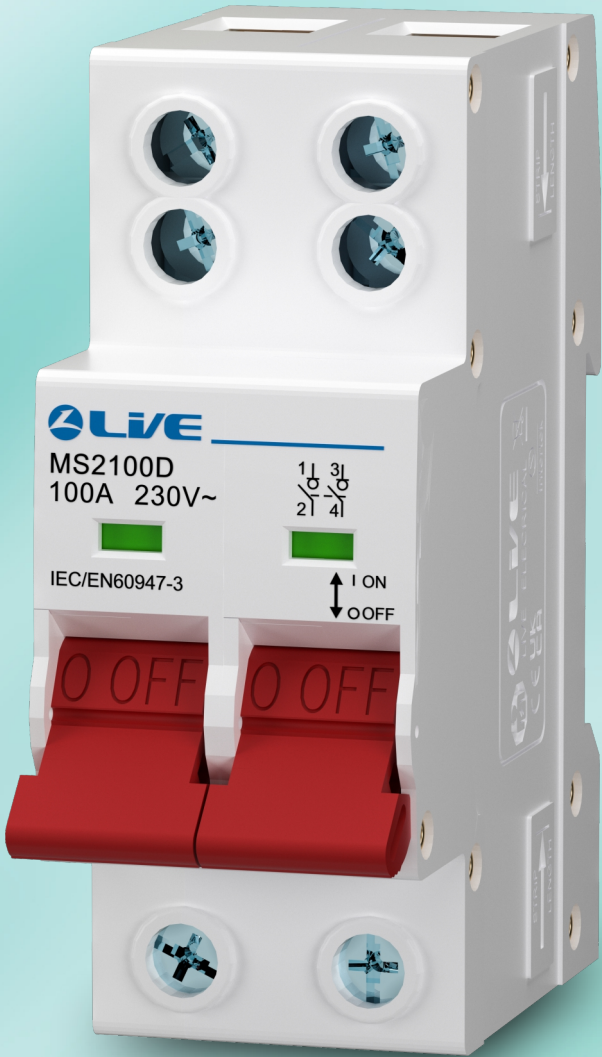


- Fitted with 4P125A Isolation switch.
- Fitted with 3P 125A Fuse Holder.
- Fitted with 22x58mm 100A Fuse.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
MFS125P	125A Metal Enclosed Door interlocked Fused Switches(IP66)	300	400	148	1

MAIN SWITCH

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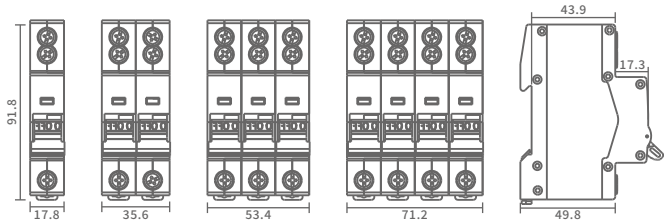


Main Switch-Input Double Terminal



Design Features

- 100/125A Rated Current.
- 230/400V Rated Voltage.
- BS IEC/EN 60947-3 Compliant.
- Double Wiring Terminal.
- Terminal Capacity:50mm²



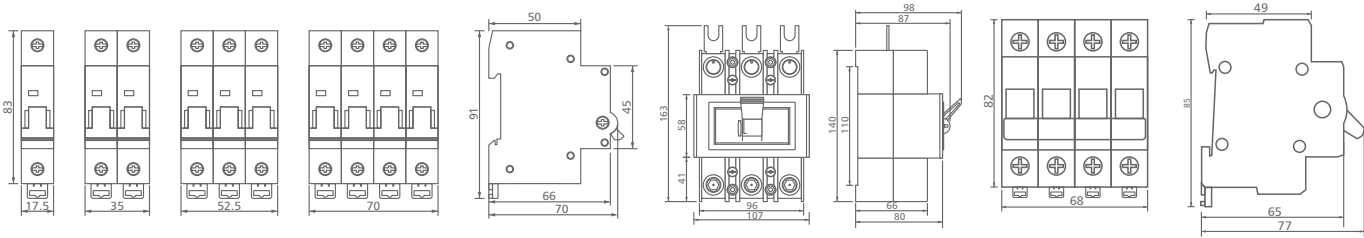
Part No	Description
MS1100D	1 Pole 100A Double Wiring Terminal
MS2100D	2 Pole 100A Double Wiring Terminal
MS3100D	3 Pole 100A Double Wiring Terminal
MS4100D	4 Pole 100A Double Wiring Terminal
MS1125D	1 Pole 125A Double Wiring Terminal
MS2125D	2 Pole 125A Double Wiring Terminal
MS3125D	3 Pole 125A Double Wiring Terminal
MS4125D	4 Pole 125A Double Wiring Terminal
MS2100B	2 Pole 100A Main Switch Double Terminal with busbar connection port & dual color handle
MS4100B	4 Pole 100A Main switch Double Terminal with busbar connection port & dual color handle
MS4100BC	4 Pole 100A Main switch Double Terminal with busbar connection port & four color handles
MS4100DC	4 Pole 100A Main switch Double Terminal without busbar connection port & four color handles

Main Switch And Changeover Main Switch



Design Features

- 100/125A Rated Current.
- 230/400V Rated Voltage.
- 10,000 Operations Mechanical Life.
- BS EN60947-3 Compliant.
- 10,000 Cycles Electrical Life.
- Terminal Capacity: 100A/125A:50mm² , 250A:120mm².



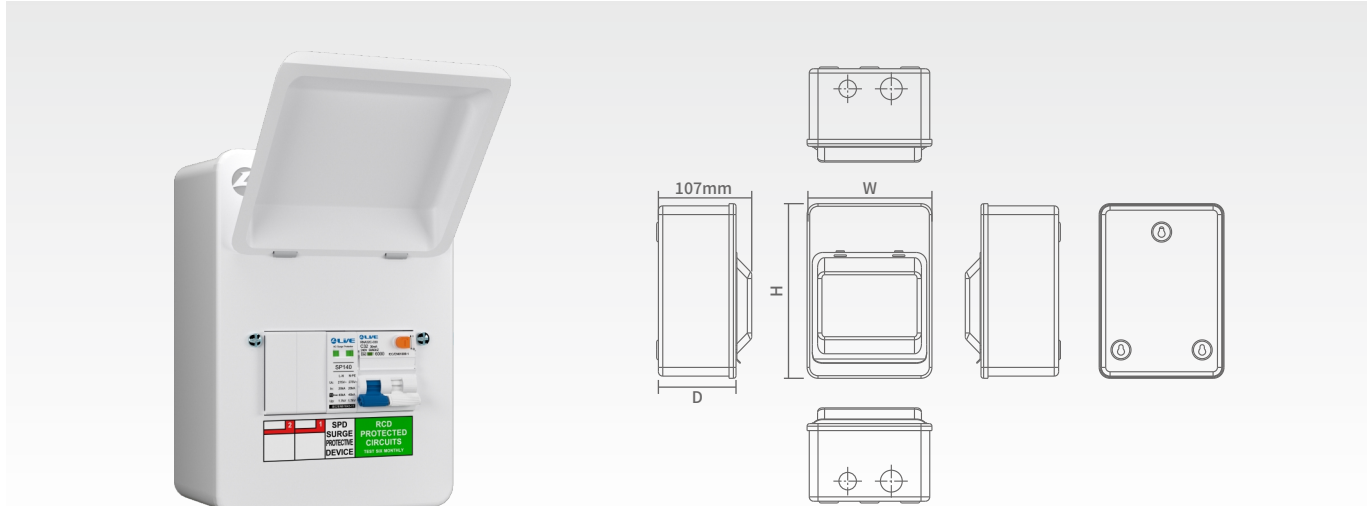
Part No	Description	Box Qty
MS1100	1 POLE 100A	12
MS2100	2 POLE 100A	6
MS2125	2 POLE 125A	6
MS3250	3 POLE 250A	1
MS4100	4 POLE 100A	6
MS4125	4 POLE 125A	3
CMS4100	4 POLE 100A CHANGEOVER MAIN SWITCH	6
CMS4125	4 POLE 125A CHANGEOVER MAIN SWITCH	6

GARAGE UNIT EVCHARGING UNIT

LIVE ELECTRICAL
DISTRIBUTION
UK LTD



Mini Garage Unit IP40 Surface Mounted

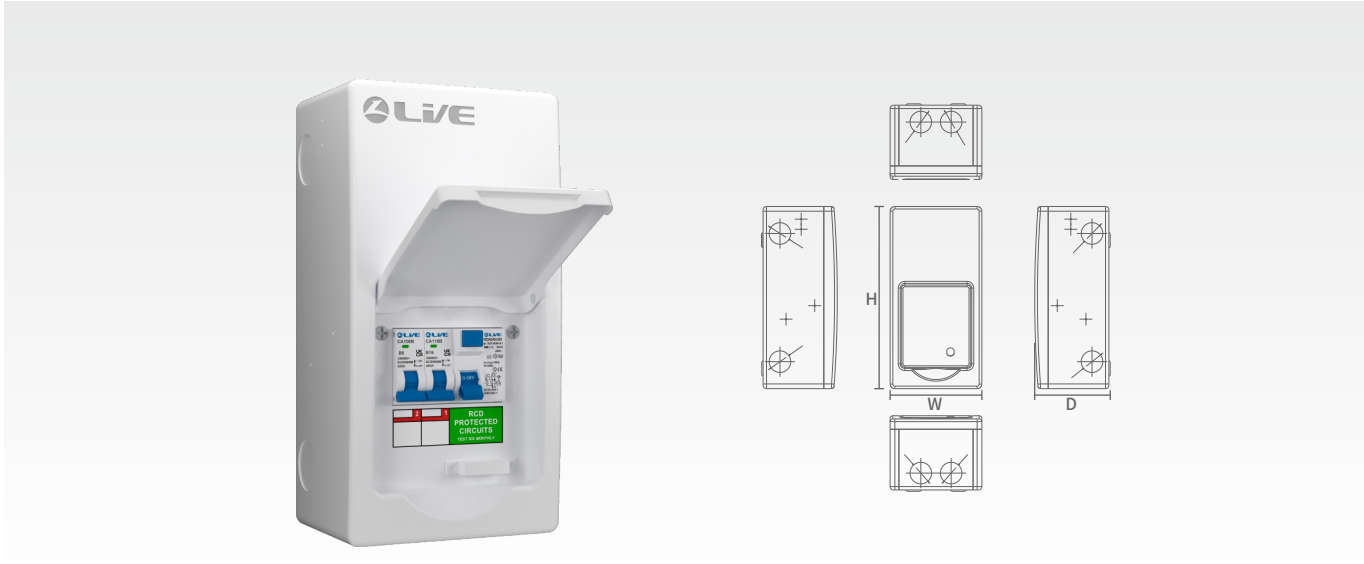


Design Features

- Fully enclosed metal construction body with drop down metal lid.
- Circular cable entry knock-outs (20&25mm) on the top and bottom.
- Large and accessible wiring space, with extra space for RCBOS, MCBs.
- Flexible connection allows for various configurations of protected ways.
- Fitted with 20/40kA T2 Surge Protective Device (SP140 1P+N/1) .
- Fitted with Type A DP 16~40A RCBOS.
- Modern style finished in white polyester powder coating to RAL9010.
- Surface mounted.
- IP40.
- BSEN61439-3.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
MMGU05	5Way Mini Garage Unit	143	200	89	12
MMGU05-16B	5Way Mini Garage Unit, RNA16B-030, 20/40kA Surge Protective Device(2 usable way)	143	200	89	12
MMGU05-20B	5Way Mini Garage Unit, RNA20B-030, 20/40kA Surge Protective Device(2 usable way)	143	200	89	12
MMGU05-32B	5Way Mini Garage Unit, RNA32B-030, 20/40kA Surge Protective Device(2 usable way)	143	200	89	12
MMGU05-40B	5Way Mini Garage Unit, RNA40B-030, 20/40kA Surge Protective Device(2 usable way)	143	200	89	12
MMGU05-16C	5Way Mini Garage Unit, RNA16C-030, 20/40kA Surge Protective Device(2 usable way)	143	200	89	12
MMGU05-20C	5Way Mini Garage Unit, RNA20C-030, 20/40kA Surge Protective Device(2 usable way)	143	200	89	12
MMGU05-32C	5Way Mini Garage Unit, RNA32C-030, 20/40kA Surge Protective Device(2 usable way)	143	200	89	12
MMGU05-40C	5Way Mini Garage Unit, RNA40C-030, 20/40kA Surge Protective Device(2 usable way)	143	200	89	12

Garage Unit IP40 Surface Mounted



Design Features

- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail.
- Fitted with 40A/63A 30mA type A RCD.
- Fitted with 100A main switch.
- Fitted with MCBs.
- Multiple circular cable entry knock-outs (32mm) on the top , bottom and sides.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LSSU6340	4 Way c/w 63A 30mA RCD+B40A MCB	136	270	110	6
LSSU6350	4 Way c/w 63A 30mA RCD+B50A MCB	136	270	110	6
LSGU40616	4 Way c/w 40A 30mA RCD+B6A&B16A MCB	136	270	110	6
LSGU63616	4 Way c/w 63A 30mA RCD+B6A&B16A MCB	136	270	110	6
LSGU63620	4 Way c/w 63A 30mA RCD+B6A&B20A MCB	136	270	110	6
LSGU63632	4 Way c/w 63A 30mA RCD+B6A&B32A MCB	136	270	110	6
LSGUMS20	4 Way c/w 100A Main Switch+B20A MCB	136	270	110	6
LSGUMS32	4 Way c/w 100A Main Switch+B32A MCB	136	270	110	6
LSGUMS616	4 Way c/w 100A Main Switch+B6A&B16A MCB	136	270	110	6

Garage Unit IP40 Flush Mounted



Design Features

- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail.
- Fitted with 40A/63A 30mA type A RCD.
- Fitted with 100A main switch.
- Fitted with MCBs.
- Multiple circular cable entry knock-outs (32mm) on the top , bottom and sides.

Part No	Description	W (mm)	H (mm)	D (mm)	Flush (W)	Flush (H)	Flush (D)	Box Qty
FMSU6340	4 Way Flush c/w 63A 30mA RCD+B40A MCB	172	270	107	152	250	80	6
FMSU6350	4 Way Flush c/w 63A 30mA RCD+B50A MCB	172	270	107	152	250	80	6
FMGU40616	4 Way Flush c/w 40A 30mA RCD+B6A&B16A MCB	172	270	107	152	250	80	6
FMGU63616	4 Way Flush c/w 63A 30mA RCD+B6A&B16A MCB	172	270	107	152	250	80	6
FMGU63620	4 Way Flush c/w 63A 30mA RCD+B6A&B20A MCB	172	270	107	152	250	80	6
FMGU63632	4 Way Flush c/w 63A 30mA RCD+B6A&B32A MCB	172	270	107	152	250	80	6
FMGUMS20	4 Way Flush c/w 100A Main Switch+B20A MCB	172	270	107	152	250	80	6
FMGUMS32	4 Way Flush c/w 100A Main Switch+B32A MCB	172	270	107	152	250	80	6
FMGUMS616	4 Way Flush c/w 100A Main Switch+B6A&B16A MCB	172	270	107	152	250	80	6

Garage Unit IP40 Surface Mounted



Design Features

- Fully enclosed metal construction body with drop down metal lid.
- Circular cable entry knock-outs (20&25mm) on the top and bottom.
- Large and accessible wiring space, with extra space for RCBOs, MCBs.
- Flexible connection allows for various configurations of protected ways.
- Fitted with 20/40kA T2 Surge Protective Device (SP140 1P+N/1).
- Fitted with DP 100A main Switch.
- Fitted with Type A RCBO with Switched Neutral Line.
- Modern style finished in white polyester powder coating to RAL9010.
- Surface mounted.
- IP40.
- BSEN61439-3.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
MMGU05-SR	5Way Mini Garage Unit, 100A Main Switch, 20/40kA Surge Protective Device, 40A Type A RCBO	143	200	89	12

4Way IP65 Metal Surge Protection Mini Garage Unit



Design Features

- Weatherproof metal IP65 enclosure offering circuit protection for electric vehicle chargers.
- Fully enclosed metal construction body with drop down metal cover and metal lid.
- 20mm & 32mm diameter Circular cable entry knock-outs on the side top and bottom.
- Modern style finished in white polyester powder coating to RAL9010.
- Large and accessible wiring space Robust die cast construction.
- Fully enclosed metal construction body with drop down metal cover and metal lid.
- Complies with BS EN 61439-3, BS EN60947-3 & BS EN 61643-11.
- Raised Din rail improves cable routing.
- Weatherproof to IP65.
- SPD Type:T2.
- Colour : White, Grey & Black.
- Large and accessible wiring space.
- Robust die cast construction.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
AGU0465	IP65 4 Way Enclosure white	140	220	101	8
AGU0465/B	IP65 4 Way Enclosure Black	140	220	101	8
AGU0465/G	IP65 4 Way Enclosure Grey	140	220	101	8
AGU4-SP	IP65 4 Way Metal Enclosure c/w 100A Main Switch and 20/40kA DP Surge Protective Device (SA240)	140	220	101	8
AGU4-SR/W	IP65 4Way White Metal Enclosure c/w 100A Main Switch and 20/40kA Surge Protective Device (SP140 1P+N/1) ,40A Type A RCBO(AMR140B-030)	140	220	101	8
AGU4-SR/B	IP65 4Way Black Metal Enclosure c/w 100A Main Switch and 20/40kA Surge Protective Device (SP140 1P+N/1) ,40A Type A RCBO(AMR140B-030)	140	220	101	8
AGU4-SR/G	IP65 4Way Grey Metal Enclosure c/w 100A Main Switch and 20/40kA Surge Protective Device (SP140 1P+N/1) ,40A Type A RCBO(AMR140B-030)	140	220	101	8
AGU4-SNR	IP65 4Way White Metal Enclosure c/w 40A Type A RCBO(RNA40C-030) and 20/40kA 1P+N Surge Protective Device(SA140 1P+N)	140	220	101	8
AGU4-SNR/B	IP65 4Way Black Metal Enclosure c/w 40A Type A RCBO(RNA40C-030) and 20/40kA 1P+N Surge Protective Device(SA140 1P+N)	140	220	101	8
AGU4-SNR/G	IP65 4Way Grey Metal Enclosure c/w 40A Type A RCBO(RNA40C-030) and 20/40kA 1P+N Surge Protective Device(SA140 1P+N)	140	220	101	8
AGU63616	IP65 white 4 Way C/W 63A 30mA RCD+B6A & B16A MCB	140	220	101	8
AGU63620	IP65 white 4 Way C/W 63A 30mA RCD+B6A & B20A MCB	140	220	101	8
AGU63632	IP65 white 4 Way C/W 63A 30mA RCD+B6A & B32A MCB	140	220	101	8

5Way IP65 Metal Surge Protection Mini Garage Unit

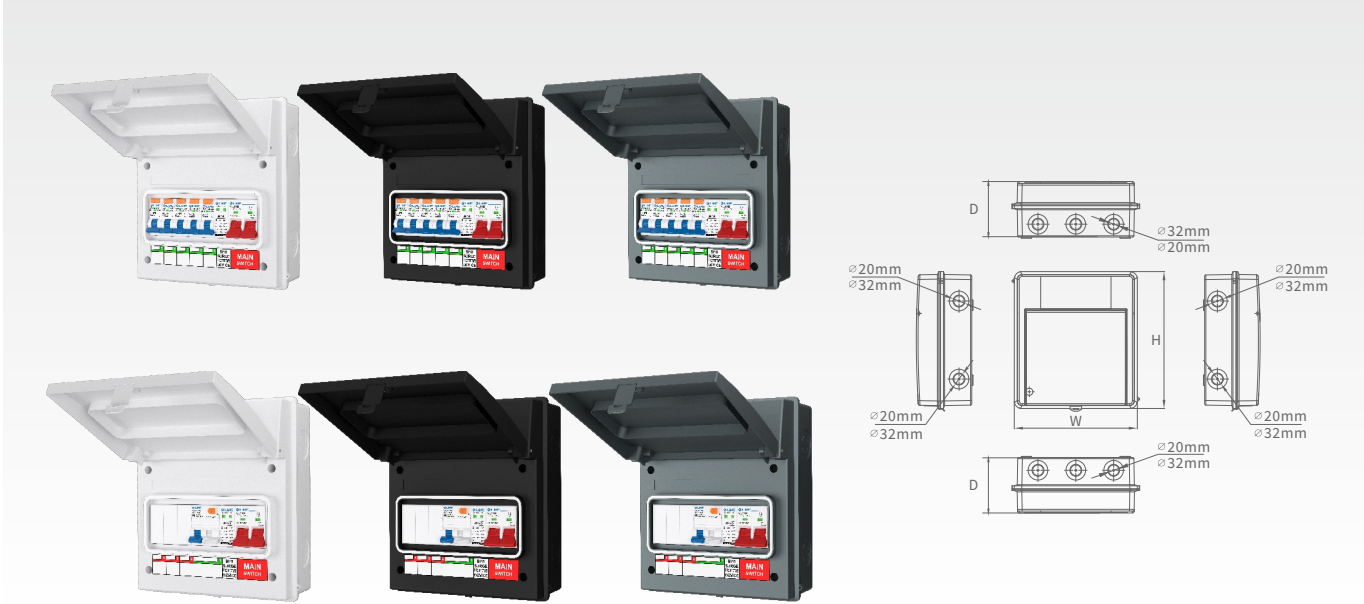


Design Features

- Weatherproof metal IP65 enclosure offering circuit protection for electric vehicle chargers.
- Fully enclosed metal construction body with drop down metal cover and metal lid.
- 20mm & 32mm diameter Circular cable entry knock-outs on the side top and bottom.
- Modern style finished in white polyester powder coating to RAL9010.
- Large and accessible wiring space Robust die cast construction.
- Complies with BS EN 61439-3, BS EN60947-3 & BS EN 61643-11.
- Raised Din rail improves cable routing.
- Weatherproof to IP65.
- SPD Type:T2.
- Colour : White, Grey & Black.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
AGU0565/W	IP65 5 Way Enclosure white	140	220	101	8
AGU0565/B	IP65 5 Way Enclosure Black	140	220	101	8
AGU0565/G	IP65 5 Way Enclosure Grey	140	220	101	8
AGU5-SR/W	IP65 5Way White Metal Enclosure c/w 100A Main Switch and 20/40kA Surge Protective Device (SP140 1P+N/1) ,40A Type A RCBO(AMR140B-030)	140	220	101	8
AGU5-SR/B	IP65 5Way Black Metal Enclosure c/w 100A Main Switch and 20/40kA Surge Protective Device (SP140 1P+N/1) ,40A Type A RCBO(AMR140B-030)	140	220	101	8
AGU5-SR/G	IP65 5Way Grey Metal Enclosure c/w 100A Main Switch and 20/40kA Surge Protective Device (SP140 1P+N/1) ,40A Type A RCBO(AMR140B-030)	140	220	101	8
AGU5-SRTB/W	IP65 5Way White Metal Enclosure c/w 100A Main Switch and 20/40kA Surge Protective Device (SP140 1P+N/1) ,40A Twin Switch Type A RCBO(RNA40B-030)	140	220	101	8
AGU5-SRTB/B	IP65 5Way Black Metal Enclosure c/w 100A Main Switch and 20/40kA Surge Protective Device (SP140 1P+N/1) ,40A Twin Switch Type A RCBO(RNA40B-030)	140	220	101	8
AGU5-SRTB/G	IP65 5Way Grey Metal Enclosure c/w 100A Main Switch and 20/40kA Surge Protective Device (SP140 1P+N/1) ,40A Twin Switch Type A RCBO(RNA40B-030)	140	220	101	8
AGU5-SRTC/W	IP65 5Way White Metal Enclosure c/w 100A Main Switch and 20/40kA Surge Protective Device (SP140 1P+N/1) ,40A Twin Switch Type A RCBO(RNA40C-030)	140	220	101	8
AGU5-SRTC/B	IP65 5Way Black Metal Enclosure c/w 100A Main Switch and 20/40kA Surge Protective Device (SP140 1P+N/1) ,40A Twin Switch Type A RCBO(RNA40C-030)	140	220	101	8
AGU5-SRTC/G	IP65 5Way Grey Metal Enclosure c/w 100A Main Switch and 20/40kA Surge Protective Device (SP140 1P+N/1) ,40A Twin Switch Type A RCBO(RNA40C-030)	140	220	101	8
AGU5-SNR/W	IP65 5 Way White Metal Enclosure c/w 40A Type A RCBO(RNA40C-030) + 20/40kA 1P+N Surge Protective Device(SA140 1P+N) and Plastic Blank	140	220	101	8
AGU5-SNR/B	IP65 5 Way Black Metal Enclosure c/w 40A Type A RCBO(RNA40C-030) + 20/40kA 1P+N Surge Protective Device(SA140 1P+N) and Plastic Blank	140	220	101	8
AGU5-SNR/G	IP65 5 Way Grey Metal Enclosure c/w 40A Type A RCBO(RNA40C-030) + 20/40kA 1P+N Surge Protective Device(SA140 1P+N) and Plastic Blank	140	220	101	8
AGU5M-SP/W	IP65 5 Way White Metal Enclosure c/w 100A Main Switch and 20/40kA Surge Protective Device (SP1401P+N/1)	140	220	101	8
AGU5M-SP/B	IP65 5 Way Black Metal Enclosure c/w 100A Main Switch and 20/40kA Surge Protective Device (SP1401P+N/1)	140	220	101	8
AGU5M-SP/G	IP65 5 Way Grey Metal Enclosure c/w 100A Main Switch and 20/40kA Surge Protective Device (SP1401P+N/1)	140	220	101	8

8Way IP65 Metal Surge Protection Mini Garage Unit



Design Features

- Weatherproof metal IP65 enclosure offering circuit protection for electric vehicle chargers.
- Fully enclosed metal construction body with drop down metal cover and metal lid.
- 20mm & 32mm diameter Circular cable entry knock-outs on the side top and bottom.
- Modern style finished in white polyester powder coating to RAL9010.
- Large and accessible wiring space Robust die cast construction.
- Complies with BS EN 61439-3, BS EN60947-3 & BS EN 61643-11.
- Raised Din rail improves cable routing.
- Weatherproof to IP65.
- SPD Type:T2.
- Colour : White, Grey & Black.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
AGU0865/W	IP65 8 Way Enclosure white	213	237	98	8
AGU0865/B	IP65 8 Way Enclosure Black	213	237	98	8
AGU0865/G	IP65 8 Way Enclosure Grey	213	237	98	8
AGU8-SR/W	IP65 8Way White Metal Enclosure c/w 100A Main Switch and 20/40kA Surge Protective Device (SP140 1P+N/1) ,+5 Type A RCBOs AMR (20A*1,32A*2,40A*2)	213	237	98	8
AGU8-SR/B	IP65 8Way Black Metal Enclosure c/w 100A Main Switch and 20/40kA Surge Protective Device (SP140 1P+N/1) ,+5 Type A RCBOs AMR (20A*1,32A*2,40A*2)	213	237	98	8
AGU8-SR/G	IP65 8Way Grey Metal Enclosure c/w 100A Main Switch and 20/40kA Surge Protective Device (SP140 1P+N/1) ,+5 Type A RCBOs AMR (20A*1,32A*2,40A*2)	213	237	98	8
AGU8-SRTB/W	IP65 8Way White Metal Enclosure c/w 100A Main Switch and 20/40kA Surge Protective Device (SP140 1P+N/1) ,+40A Twin Switch Type A RCBO(RNA40B-030)	213	237	98	8
AGU8-SRTB/B	IP65 8Way Black Metal Enclosure c/w 100A Main Switch and 20/40kA Surge Protective Device (SP140 1P+N/1) ,+40A Twin Switch Type A RCBO(RNA40B-030)	213	237	98	8
AGU8-SRTB/G	IP65 8Way Grey Metal Enclosure c/w 100A Main Switch and 20/40kA Surge Protective Device (SP140 1P+N/1) ,+40A Twin Switch Type A RCBO(RNA40B-030)	213	237	98	8
AGU8-SRTC/W	IP65 8Way White Metal Enclosure c/w 100A Main Switch and 20/40kA Surge Protective Device (SP140 1P+N/1) ,+40A Twin Switch Type A RCBO(RNA40C-030)	213	237	98	8
AGU8-SRTC/B	IP65 8Way Black Metal Enclosure c/w 100A Main Switch and 20/40kA Surge Protective Device (SP140 1P+N/1) ,+40A Twin Switch Type A RCBO(RNA40C-030)	213	237	98	8
AGU8-SRTC/G	IP65 8Way Grey Metal Enclosure c/w 100A Main Switch and 20/40kA Surge Protective Device (SP140 1P+N/1) ,+40A Twin Switch Type A RCBO(RNA40C-030)	213	237	98	8
AGU8M-SP/B	IP65 8 Way White Metal Enclosure c/w 100A Main Switch and 20/40kA Surge Protective Device (SP1401P+N/1)	213	237	98	8
AGU8M-SP/G	IP65 8 Way Black Metal Enclosure c/w 100A Main Switch and 20/40kA Surge Protective Device (SP1401P+N/1)	213	237	98	8
AGU8M-SP/W	IP65 8 Way Grey Metal Enclosure c/w 100A Main Switch and 20/40kA Surge Protective Device (SP1401P+N/1)	213	237	98	8

Mini Garage Unit IP40



- Consumer units are supplied with 40A/63A 30mA type A RCD.
- Fully enclosed metal construction body with drop down metal lid.
- Multiple circular cable entry knock-outs (25&32mm) on the top and bottom, 32mm on the sides, and back plus larger rear slots.
- Raised key holes for secure easy installation.
- Raised Din rail improves cable routing.
- Modern style finished in white polyester powder coating to RAL9010.
- Large and accessible wiring space, with extra space for RCBOs, MCBs,
- Flexible connection allows for various configurations of protected ways.
- Fitted with type A RCD.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
MMGU04	IP 40 4 Way Mini Garage Unit	125	183	110	12
MMSU6340	4 Way c/w 63A 30mA RCD+B40A MCB	125	183	110	12
MMSU6350	4 Way c/w 63A 30mA RCD+B50A MCB	125	183	110	12
MMGU40616	4 Way c/w 40A 30mA RCD+B6A & B16A MCB	125	183	110	12
MMGU63616	4 Way c/w 63A 30mA RCD+B6A & B16A MCB	125	183	110	12
MMGU63620	4 Way c/w 63A 30mA RCD+B6A & B20A MCB	125	183	110	12
MMGU63632	4 Way c/w 63A 30mA RCD+B6A & B32A MCB	125	183	110	12
MMGUMS20	4 Way c/w 100A Main Switch +B20A MCB	125	183	110	12
MMGUMS32	4 Way c/w 100A Main Switch +B32A MCB	125	183	110	12
MMGUMS616	4 Way c/w 100A Main Switch+B6A & B16A MCB	125	183	110	12

IP40 EV Charger Consumer Unit



- Fully enclosed metal construction body with drop down metal cover and metal lid.
- Circular cable entry knock-outs on the top and bottom.
- Raised key holes for secure easy installation.
- Modern style finished in white polyester powder coating to RAL9010.
- Supplied complete with Type A RCBO.

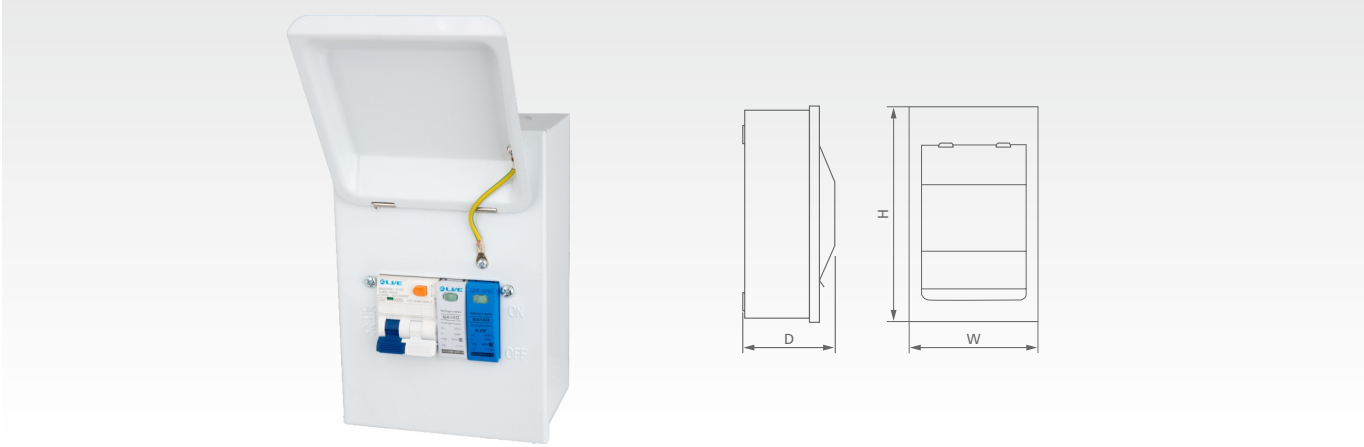
Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LEVB240	2 Way Metal Enclosure c/w 40A Type A RCBO	74	145	80	24
LEVB440-C	4 Way Metal Enclosure c.w 40A Type A RCBO and 16A MCB	110	175	80	16
LEVB440-MS	4 Way Metal Enclosure c.w 40A Type A RCBO and DP 100A Main Switch	110	175	80	16

IP40 Mini EV Charger Consumer Unit



Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
EMCU4A-SNR	4 ways EMCU4-A, RNA40C-030, SA140 1P+N	110	175	80	16

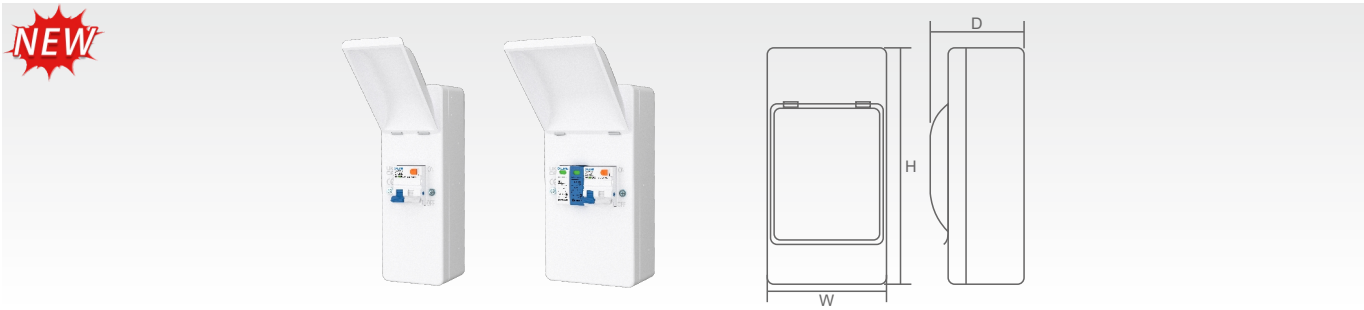
IP40 Mini EV Charger Consumer Unit



- Fully enclosed metal construction body with drop down metal cover and metal lid.
- Circular cable entry 25&32mm knock-outs on the top and bottom.
- Raised key holes for secure easy installation.
- Modern style finished in white polyester powder coating to RAL9010.
- Supplied complete with Type A RCBO.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
MMGU20-SP	4 ways MMGU04, RNA20C-030, SA140 1P+N	125	183	110	12
MMGU32-SP	4 ways MMGU04, RNA32C-030, SA140 1P+N	125	183	110	12
MMGU40-SP	4 ways MMGU04, RNA40C-030, SA140 1P+N	125	183	110	12
MMGU20B-SP	4 ways MMGU04, RNA20B-030, SA140 1P+N	125	183	110	12
MMGU32B-SP	4 ways MMGU04, RNA32B-030, SA140 1P+N	125	183	110	12
MMGU40B-SP	4 ways MMGU04, RNA40B-030, SA140 1P+N	125	183	110	12

IP40 EV Charger Consumer Unit



- Fully enclosed metal construction body with drop down metallid.Circular cable entry knock-outs(20&25mm) on the top and bottom.Large and accessible wiring space, with extra space for RCBOs, MCBs.Flexible connection allows for various configurations of protected ways.
- Modern style finished in white polyester powder coating to RAL9010. Surface mounted.
 - IP40.
 - BSEN61439-3.

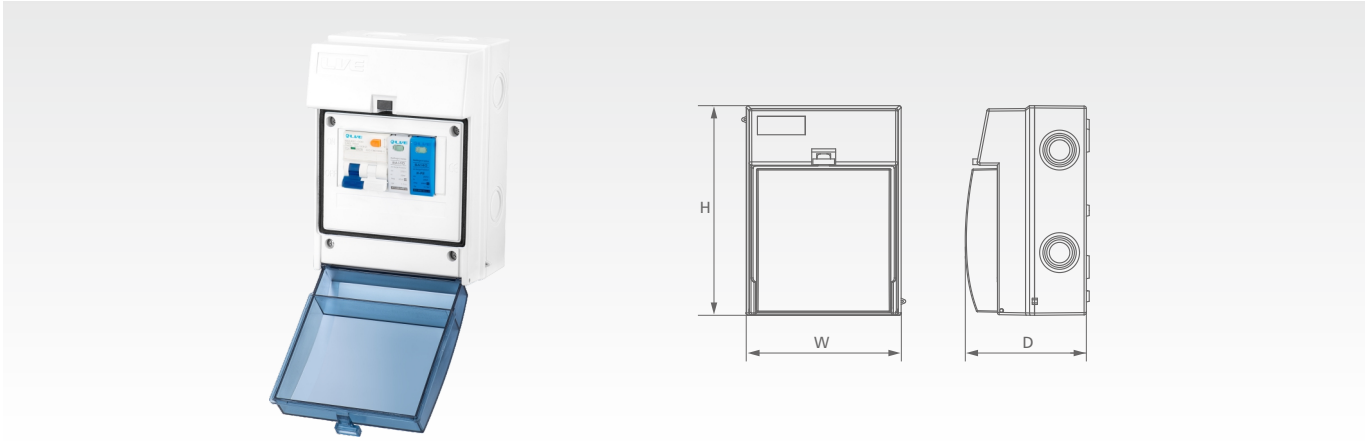
Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
EMU2-R	2 Way Metal Enclosure With Type A RCBO(RNA40C-030)	79	230	96	1
EMU2-BR	2 Way Metal Enclosure With Type A RCBO(RNA40B-030)	79	230	96	1
EMU4-SNR	4 Way Metal Enclosure With Type A RCBO(RNA40C-030)&20/40kA T2 Surge Protective Device(SA140 1P+N)	115	230	96	1

IP65 Plastic EV Charger Consumer Unit



- IP65 rated, Suitable for a variety of outdoor uses.
- Manufactured from insulated flame retardant ABS.
- Suitable for housing modular components.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LEV440SP-P	4ways ENC465, RNA40C-030, SA140 1P+N	140	206	95	20
LEV440SP-BP	4ways ENC465, RNA40B-030, SA140 1P+N	140	206	95	20
EV432SP-P	4ways EV465, RNA32C-030, SA140 1P+N	140	206	105	20
EV440SP-P	4ways EV465, RNA40C-030, SA140 1P+N	140	206	105	20
EV432SP-BP	4ways EV465, RNA32B-030, SA140 1P+N	140	206	105	20
EV440SP-BP	4ways EV465, RNA40B-030, SA140 1P+N	140	206	105	20



Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
ENC0565-SNR	5 ways ENC0565, RNA40C-030, SA140 1P+N	130	185	110	12

IP65 Metal EV Charger Consumer Unit



Design Features

- Weatherproof metal IP65 enclosure offering circuit protection for electric vehicle chargers.
- Fully enclosed metal construction body with drop down metal cover and metal lid.
- 20mm & 32mm diameter Circular cable entry knock-outs on the side top and bottom.
- Modern style finished in white polyester powder coating to RAL9010.
- Large and accessible wiring space Robust die cast construction.
- Complies with BS EN 61439-3, BS EN60947-3 & BS EN 61643-11.
- Raised Din rail improves cable routing.
- Weatherproof to IP65.
- SPD Type:T2.
- Colour : White, Grey & Black.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
AGU840SP-P/W	IP65 8Way White Metal Enclosure c/w RNB440C-030&SA140 3P+N	213	237	98	8
AGU840SP-P/B	IP65 8Way Black Metal Enclosure c/w RNB440C-030&SA140 3P+N	213	237	98	8
AGU840SP-P/G	IP65 8Way Grey Metal Enclosure c/w RNB440C-030&SA140 3P+N	213	237	98	8
AGU840SP-BP/W	IP65 8Way White Metal Enclosure c/w RNB440B-030&SA140 3P+N	213	237	98	8
AGU840SP-BP/B	IP65 8Way Black Metal Enclosure c/w RNB440B-030&SA140 3P+N	213	237	98	8
AGU840SP-BP/G	IP65 8Way Grey Metal Enclosure c/w RNB440B-030&SA140 3P+N	213	237	98	8

3-Phase IP65 EV Charger Consumer Unit



- IP65 rated, suitable for a variety of outdoor uses.
- Suitable for housing modular components.
- Manufactured from insulated flam retardant ABS.
- Fitted with 20/40kA T2 Surge Protective Device and type A RCBO.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LEV840SP-P	8 Ways ENC865 With RNB440C-030&SA140 3P+N	210	208	120	20
LEV840SP-BP	8 Ways ENC865 With RNB440B-030&SA140 3P+N	210	208	120	20

3-Phase IP40 EV Charger Consumer Unit



- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DINrail ,cable gland.
- Fitted with 20/40kA T2 Surge Protective Device and type A RCBO.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
LSMC840SP-P	8 Way Metal Consumer Unit c/w RNB440C-030&SA140 3P+N	208	270	110	6
LSMC840SP-BP	8 Way Metal Consumer Unit c/w RNB440B-030&SA140 3P+N	208	270	110	6

3-Phase IP40 EV Charger Consumer Unit



- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail ,cable gland.
- Fitted with 4P 100A Main Switch.
- Fitted with 10kA MCB.
- Terminal Capacity Of MCB&Main Switch:10mm²/50mm²

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
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LSMC840MS	8Way Metal Consumer Unit c/w100A Main switch &10kA MCB(CC440C)	208	270	110	6
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- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail ,cable gland.
- Fitted with 10kA MCB.
- Fitted with 20/40kA T2 Surge Protective Device.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
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LSMC8M-SA	8Way Metal Consumer Unit c/w10kA MCB(CC440C) &20/40kA T2 Surge Protective Device (SA140 3P+N)	208	270	110	6
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3-Phase IP40 EV Charger Consumer Unit



- Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail ,cable gland.
- Fitted with 4P 100A Main Switch.
- Fitted with 10kA MCB.
- Fitted with 20/40kA T2 Surge Protective Device.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
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LSMC12MS-SA	12Way Metal Consumer Unit c/w100A Main switch, 10kA MCB(CC440C) &20/40kA T2 Surge Protective Device(SA140 3P+N)	280	270	110	6
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3 Phase EV Charging Unit



Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
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TPNH02-100R	2 way TPN horizontal distribution board c/w 100A 4P switch, disconnecter incomer & 40A C curve RCBO	325	265	103	1
TPNH03-100SR	3 way TPN horizontal distribution board c/w 100A 4P switch, 3P+N 40A C curve RCBO + 4P 20kA/40kAT2 Surge Protective Device	395	265	103	1

TP & N
DISTRIBUTION BOARD

LIVE ELECTRICAL
DISTRIBUTION
UK LTD



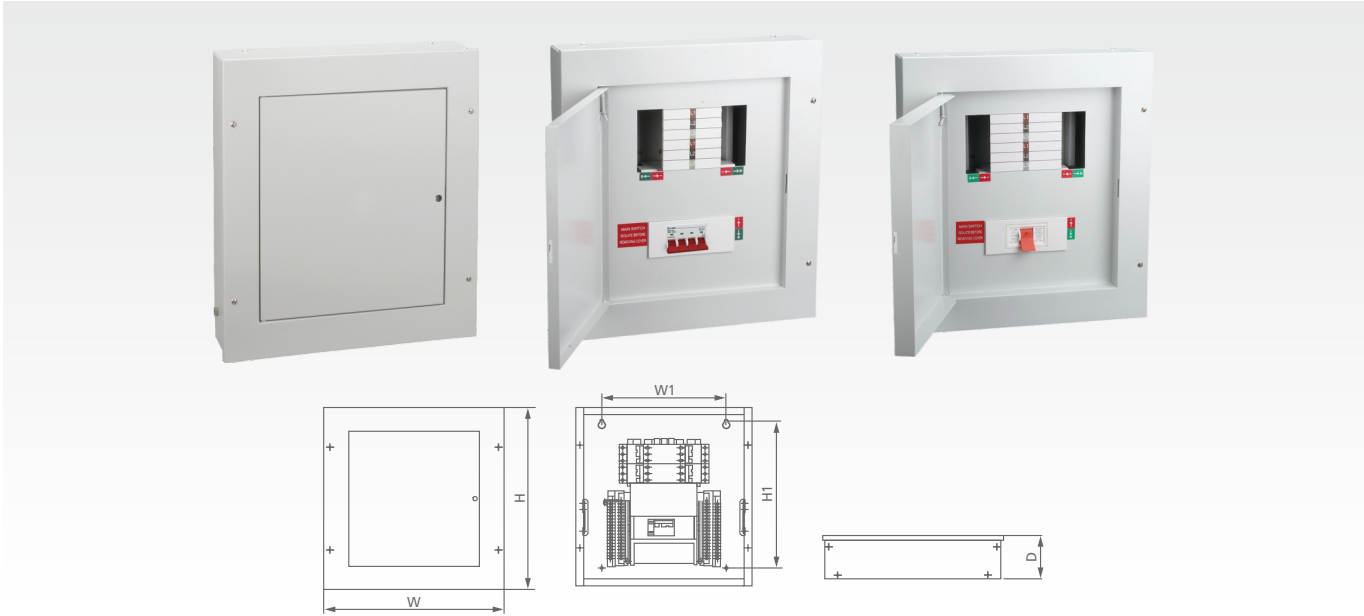
Metal Enclosure IP65



- Modern style finished in epoxy powder paint to RAL7035.
- Galvanised mounting plate included.
- Material thickness 1.2mm-1.5mm.
- Degree of Protection IP65.
- Door use polyurethane foamed gasket ensuring full water tightness.
- Continuously hinged cover has steel hinges and provides 120° opening.
- Complies with BS EN 61439-3.

Part No	Description	Box Qty
EN3030/200	H:300 x W:300 x D:200mm	1
EN4030/200	H:400 x W:300 x D:200mm	1
EN4040/200	H:400 x W:400 x D:200mm	1
EN5040/200	H:500 x W:400 x D:200mm	1
EN5040/250	H:500 x W:400 x D:250mm	1
EN5050/250	H:500 x W:500 x D:250mm	1
EN6040/200	H:600 x W:400 x D:200mm	1
EN6050/250	H:600 x W:500 x D:250mm	1
EN6060/200	H:600 x W:600 x D:200mm	1
EN6060/250	H:600 x W:600 x D:250mm	1
EN6060/300	H:600 x W:600 x D:300mm	1
EN7050/250	H:700 x W:500 x D:250mm	1
EN8060/300	H:800 x W:600 x D:300mm	1
EN10060/300	H:1000 x W:600 x D:300mm	1
EN10080/300	H:1000 x W:800 x D:300mm	1
EN12060/300	H:1200 x W:600 x D:300mm	1
EN12080/300	H:1200 x W:800 x D:300mm	1

TP & N Distribution Board



- Modern style finished in epoxy powder paint to RAL7035.
 - Rated Voltage AC380V/415V 50/60Hz.
 - Maximum loading current to 125A / 250A.
 - Section Neutral & Earth terminal are fitted both sides.
 - Quicker installation with earth & neutral terminals adjacent to the MCBs / RCBOs.
 - Fully enclosed busbar system.
- Complete shrouding for main incomer and link.
 - Removable gland plate for ease of cable entry.
 - Keyhole fixing for ease of wall mounting.
 - All Version supplied with Main Switch.
 - Complies with BS EN 61439-3.
 - Main switch Double Wiring Terminal.

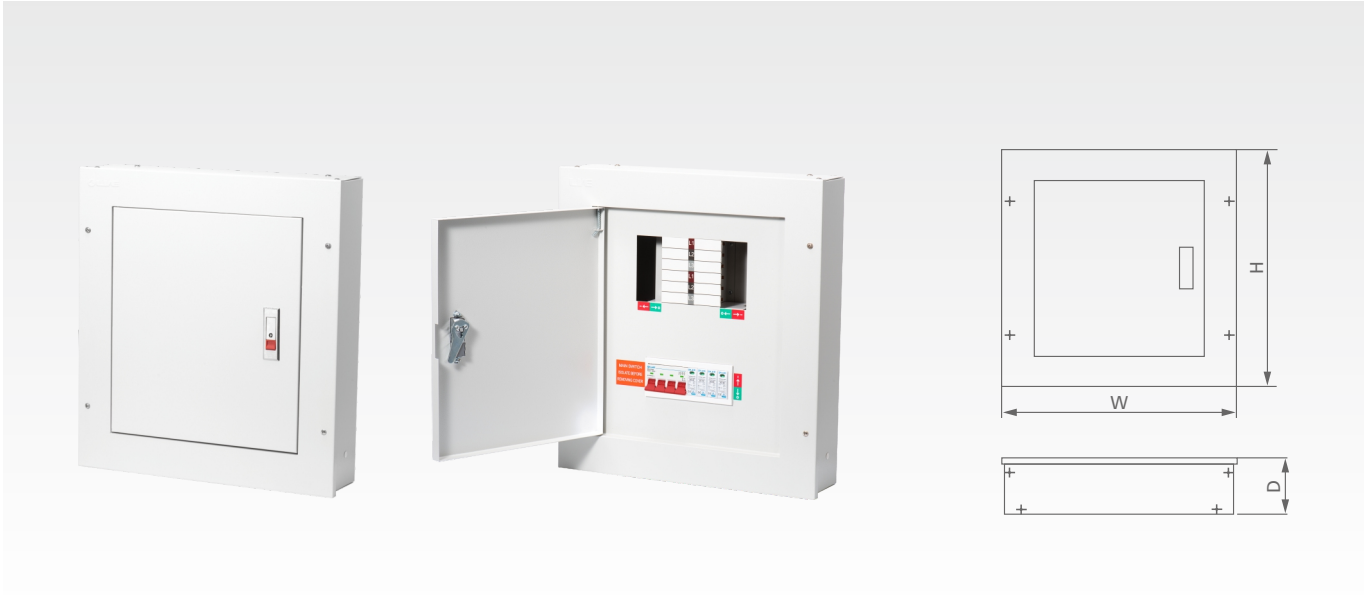
125Amps TP&N Distribution Board

Part No	Description	W (mm)	W1 (mm)	H (mm)	H1 (mm)	D (mm)	Box Qty
TPN04-125	4 Ways with 4 Pole 125A Main Switch Incomer(Double Wiring Terminal)	465	321	506	409	105	1
TPN06-125	6 Ways with 4 Pole 125A Main Switch Incomer(Double Wiring Terminal)	465	321	560	463	105	1
TPN08-125	8 Ways with 4 Pole 125A Main Switch Incomer(Double Wiring Terminal)	465	321	614	517	105	1
TPN10-125	10 Ways with 4 Pole 125A Main Switch Incomer(Double Wiring Terminal)	465	321	668	571	105	1
TPN12-125	12 Ways with 4 Pole 125A Main Switch Incomer(Double Wiring Terminal)	465	321	722	625	105	1
TPN14-125	14 Ways with 4 Pole 125A Main Switch Incomer(Double Wiring Terminal)	465	321	776	679	105	1
TPN16-125	16 Ways with 4 Pole 125A Main Switch Incomer(Double Wiring Terminal)	465	321	830	733	105	1
TPN18-125	18 Ways with 4 Pole 125A Main Switch Incomer(Double Wiring Terminal)	465	321	884	787	105	1
TPN24-125	24 Ways with 4 Pole 125A Main Switch Incomer(Double Wiring Terminal)	465	321	1046	949	105	1

250Amps TP&N Distribution Board

Part No	Description	W (mm)	W1 (mm)	H (mm)	H1 (mm)	D (mm)	Box Qty
TPN04-250	4 Ways with 3pole 250A Main Switch Incomer	456	321	506	109	120	1
TPN06-250	6 Ways with 3pole 250A Main Switch Incomer	456	321	560	463	120	1
TPN08-250	8 Ways with 3 Pole 250A Main Switch Incomer	456	321	614	517	120	1
TPN10-250	10 Ways with 3pole 250A Main Switch Incomer	456	321	668	571	120	1
TPN12-250	12 Ways with 3 Pole 250A Main Switch Incomer	456	321	722	625	120	1
TPN14-250	14 Ways with 3pole 250A Main Switch Incomer	456	321	776	679	120	1
TPN16-250	16 Ways with 3 Pole 250A Main Switch Incomer	456	321	830	733	120	1
TPN18-250	18 Ways with 3 Pole 250A Main Switch Incomer	456	321	884	787	120	1
TPN24-250	24 Ways with 3 Pole 250A Main Switch Incomer	456	321	1046	949	120	1

TP&N Surge Protection Distribution Board



125Amps TP&N Surge Protection Distribution Board

Part No	Description	W (mm)	W1 (mm)	H (mm)	H1 (mm)	D (mm)	Box Qty
TPN04-125S	4 Ways with 4 Pole 125A Main Switch(Double Wiring Terminal) and 20/40 kA DP Surge Protective Device	465	321	506	409	105	1
TPN06-125S	6 Ways with 4 Pole 125A Main Switch(Double Wiring Terminal) and 20/40 kA DP Surge Protective Device	465	321	560	463	105	1
TPN08-125S	8 Ways with 4 Pole 125A Main Switch(Double Wiring Terminal) and 20/40 kA DP Surge Protective Device	465	321	614	517	105	1
TPN10-125S	10 Ways with 4 Pole 125A Main Switch(Double Wiring Terminal) and 20/40 kA DP Surge Protective Device	465	321	668	571	105	1
TPN12-125S	12 Ways with 4 Pole 125A Main Switch(Double Wiring Terminal) and 20/40 kA DP Surge Protective Device	465	321	722	625	105	1
TPN14-125S	14 Ways with 4 Pole 125A Main Switch(Double Wiring Terminal) and 20/40 kA DP Surge Protective Device	465	321	776	679	105	1
TPN16-125S	16 Ways with 4 Pole 125A Main Switch(Double Wiring Terminal) and 20/40 kA DP Surge Protective Device	465	321	830	733	105	1
TPN18-125S	18 Ways with 4 Pole 125A Main Switch(Double Wiring Terminal) and 20/40 kA DP Surge Protective Device	465	321	884	787	105	1
TPN24-125S	24 Ways with 4 Pole 125A Main Switch(Double Wiring Terminal) and 20/40 kA DP Surge Protective Device	465	321	1046	949	105	1

Extended Metal Enclosure For 125A TPN Board



- Comes with DIN rail, neutral and earth terminal bars.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
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TPN-125E	16 way Extended metal enclosure for 125A TPN board	465	265	109	1
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Extended Metal Enclosure With Side Metal Plate For 125A TPN Board



- Comes with DIN rail, neutral and earth terminal bars.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
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TPN-125EP	16 way Extended metal enclosure with side metal plate for 125A TPN board	465	265	109	1
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Extended Metal Enclosure For 250A TPN Board



- Comes with SPD and cables, fitted with DIN rail, neutral and earth terminal bars.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
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TPN-250E	16 way Extended metal enclosure for 250A TPN board	464	263	125	1
TPN-250S	16 way Metal enclosure with 4P 20-40KA SPD for 250A TPN boards	464	263	125	1

Horizontal TPN Distribution Board With Main Switch Incomer

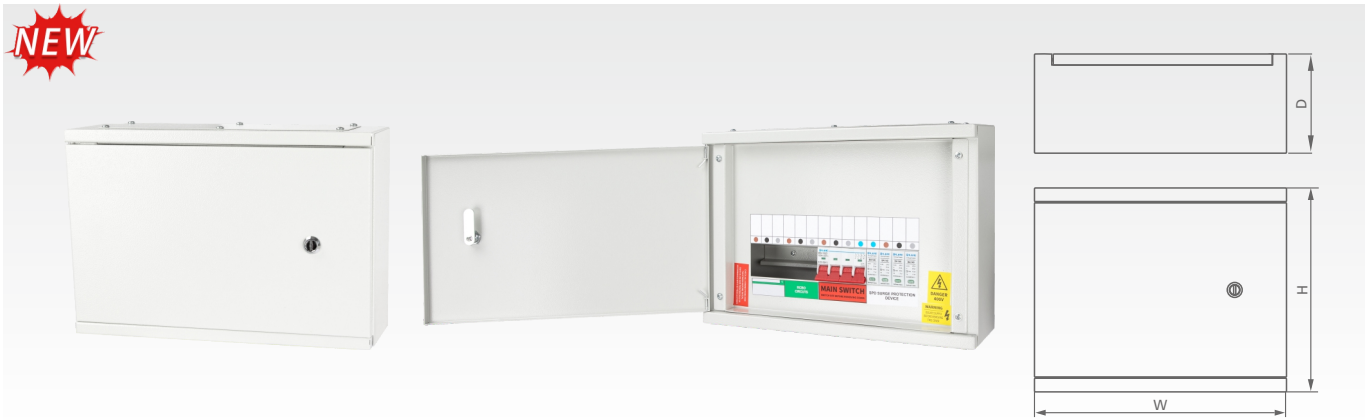


- Standards: BS EN 61439-1&3.
- Current rating:100A max incomer.
- Complete shrouding for main incomer and link.
- Removable gland plate for ease of cable entry.
- Keyhole fixing for ease of wall mounting.
- Modern style finished in epoxy powder paint to RAL7035.
- Quicker installation with earth & neutral terminals adjacent to the MCBs / RCBOs.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
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TPNH02-100	2 way TPN horizontal distribution board c/w 100A 4P switch disconnecter incomer	325	265	103	1
TPNH03-100	3 way TPN horizontal distribution board c/w 100A 4P switch disconnecter incomer	395	265	103	1

Horizontal TPN Distribution Board With Main Switch & SPD



Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
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TPNH03-100S	3 way TPN horizontal distribution board c/w 100A 4P switch+4P 20kA/40kA T2 Surge Protective Device (2 useable TP ways)	395	265	103	1
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Horizontal TPN Distribution Board With RCD Incomer



- Standards: BS EN 61439-1&3.
 - Complete shrouding for main incomer and link.
 - Removable gland plate for ease of cable entry.
- Keyhole fixing for ease of wall mounting.
 - Modern style finished in epoxy powder paint to RAL7035.
 - Quicker installation with earth & neutral terminals adjacent to the MCBs / RCBOs.

Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
TPNH02R	2 Way TPN MCB distribution board c/w 4P 100A 30mA RCD	325	265	103	1
TPNH03R	3 Way TPN MCB distribution board c/w 4P 100A 30mA RCD	325	265	103	1

Horizontal TPN Distribution Board With RCD & SPD



- Standards: BS EN 61439-1&3.
 - Complete shrouding for main incomer and link.
 - Removable gland plate for ease of cable entry.
- Keyhole fixing for ease of wall mounting.
 - Modern style finished in epoxy powder paint to RAL7035.
 - Quicker installation with earth & neutral terminals adjacent to the MCBs / RCBOs.

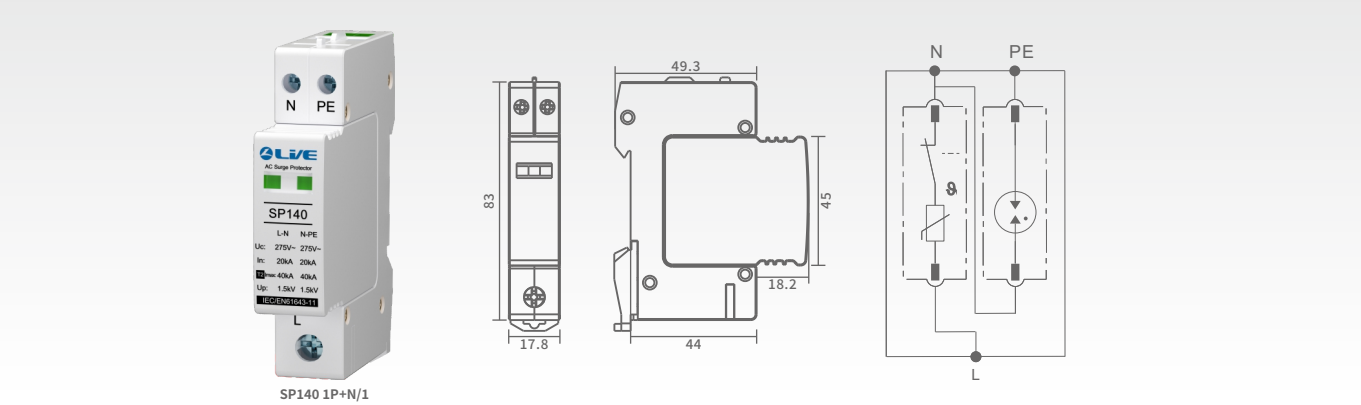
Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
TPNH03-RS	3 Way TPN MCB distribution board c/w 4P RCD+4P 20/40kA T2 Surge Protective Device (2 useable TP ways)	395	265	103	1

SURGE PROTECTIVE DEVICE

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Surge Protective Device



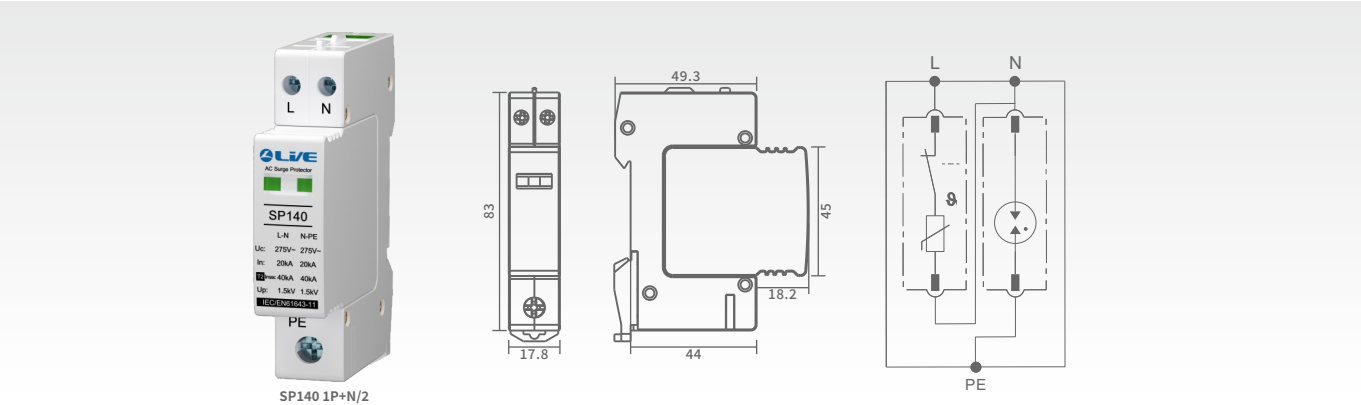
Design Features

SPDs are recommended for installations in accordance with 18th edition wiring regulation to protect sensitive and expensive electrical equipment. This range of SPDs are characterised by an 8/20µs current wave, they can prevent the spread of over voltages in electrical installations and protects equipment connected to it. These surge protector must be replaced if the indicator turns red. They comply with BS EN61643-11.

- High discharge capacity, quick response.
- Green window will change when device is spent and is fitted with terminals for remote indication.
- BSI Standard:BS EN61643-11.
- Type Test Class: Type 2.
- Uc-Max continuous operating voltage:275 VAC.
- Up- Voltage protection level (L-N),(N-PE):1.5 kV.
- In -Nominal discharge current for class II:20 kA.
- Imax - Maximum discharge current:40 kA.
- Isccr- Short circuit current rating:25 kA.
- Degree of protection:IP20.
- Cable terminal max capacity : L:16mm² N:10mm² PE:10mm².
- Earthing Installations Type: TT-TN.
- Terminal torque:1.2/2.5Nm.

SP140 1P+N/1

Part No	Description
SP140 1P+N/1	1P+N 20kA/40kA Type 2 Surge Protective Device, width 18mm, lower L -Terminal



Design Features

- High discharge capacity, quick response.
- Green window will change when device is spent and is fitted with terminals for remote indication.
- BSI Standard:BS EN61643-11.
- Type Test Class: Type 2.
- Uc-Max continuous operating voltage:275 VAC.
- Up- Voltage protection level (L-N),(N-PE):1.5 kV.
- In -Nominal discharge current for class II:20 kA.
- Imax - Maximum discharge current:40 kA.
- Isccr- Short circuit current rating:25 kA.
- Degree of protection:IP20.
- Cable terminal max capacity : L:10mm² N:10mm² PE:16mm².
- Earthing Installations Type: TT-TN.
- Terminal torque:1.2/2.5Nm.

SP140 1P+N/2

Part No	Description
SP140 1P+N/2	1P+N 20kA/40kA Type 2 Surge Protective Device, width 18mm , upper L -Terminal

SA Range Surge Protective Device



SPDs are recommended for installations in accordance with 18th edition wiring regulation to protect sensitive and expensive electrical equipment. This range of SPDs are characterised by an 8/20µs current wave, they can prevent the spread of over voltages in electrical installations and protects equipment connected to it.

These surge protector must be replaced if the indicator turns red. They comply with BS EN61643-11.

Earthing Installations Type: TN.

Terminal torque:2.0Nm.

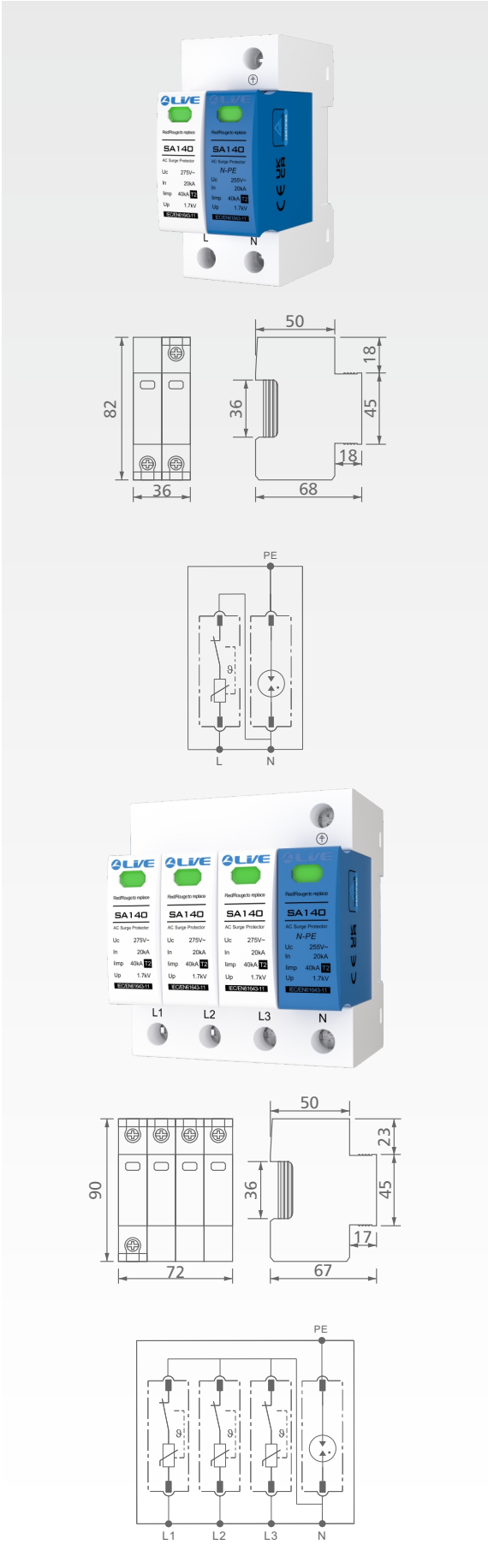
Technical Parameters

Part No	Description	Box Qty
SA120	1 Pole 10kA/20kA Type 2 Surge Protective Device	96
SA140	1 Pole 20kA/40kA Type 2 Surge Protective Device	96
SA160	1 Pole 30kA/60kA Type 2 Surge Protective Device	96
SA220	2 Pole 10kA/20kA Type 2 Surge Protective Device	48
SA240	2 Pole 20kA/40kA Type 2 Surge Protective Device	48
SA260	2 Pole 30kA/60kA Type 2 Surge Protective Device	48
SA420	4 Pole 10kA/20kA Type 2 Surge Protective Device	24
SA440	4 Pole 20kA/40kA Type 2 Surge Protective Device	24
SA460	4 Pole 30kA/60kA Type 2 Surge Protective Device	24

Part No	SA120	SA140	SA160	SA220
Type	Type2	Type2	Type2	Type2
Voltage	230/380V	230/380V	230/380V	230/380V
Temporary overvoltage withstand UT	440 / 660V AC	440 / 660V AC	440 / 660V AC	440 / 660V AC
Nominal discharge current In	10 kA	20 kA	30 kA	10 kA
Maximum discharge current Imax	20 kA	40 kA	60 kA	20 kA
Protection level (at In) CM/DM (2) Up	1.3 kV	1.7 kV	2.0 kV	1.3 kV
Residual voltage at 5 kA	1.2 kV	1.3 kV	1.5 kV	1.2 kV
Admissible short-circuit current	25kA	25kA	25kA	25kA
Fuses type gG	100 A max	100 A max	100 A max	125 A max
Operating temperature	-40 / +85 °C			
Protection class	IP20	IP20	IP20	IP20

Part No	SA240	SA260	SA420	SA440	SA460
Type	Type2	Type2	Type2	Type2	Type2
Voltage	230/380V	230/380V	230/380V	230/380V	230/380V
Temporary overvoltage withstand UT	440 / 660V AC	440 / 660V AC	440 / 660V AC	440 / 660V AC	440 / 660V AC
Nominal discharge current In	20 kA	30 kA	10 kA	20 kA	30 kA
Maximum discharge current Imax	40 kA	60 kA	20 kA	40 kA	60 kA
Protection level (at In) CM/DM (2) Up	1.5 kV	2.0 kV	1.3 kV	1.5 kV	2.0 kV
Residual voltage at 5 kA	1.3 kV	1.5 kV	1.2 kV	1.3 kV	1.5 kV
Admissible short-circuit current	25kA	25kA	25kA	25kA	25kA
Fuses type gG	125 A max	125 A max	125 A max	125 A max	125 A max
Operating temperature	-40 / +85 °C				
Protection class	IP20	IP20	IP20	IP20	IP20

SA Range Surge Protective Device



Technical Parameters

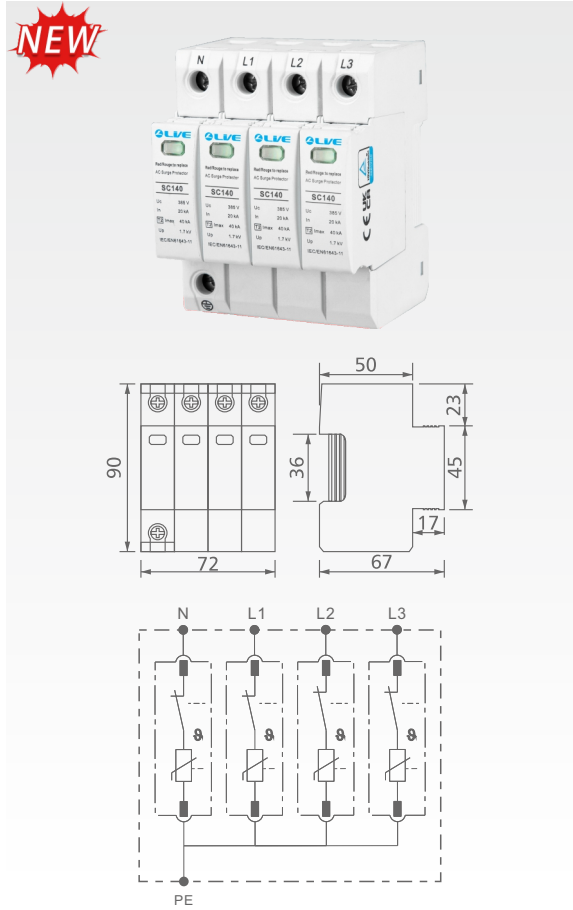
- Earthing Installations Type: TT-TN.
- Terminal torque:2.0Nm.

Part No	Description	Box Qty
SA140 1P+N	1P+N 2Pole 20KA/40KA Type 2 Surge Protective Device	96
SA140 3P+N	3P+N 4Pole 20KA/40KA Type 2 Surge Protective Device	24

Technical Data:

Part No	1P+N	3P+N
Type	Type2	Type2
Voltage	230/275V	230/380V
Temporary over voltage withstand UT	440 / 660V AC	440 / 660V AC
Nominal discharge current In	20 kA	20 kA
Maximum discharge current Imax	40 kA	40 kA
Protection level (at In) CM/DM (2) Up	1.7 kV	1.7 kV
Residual voltage at 5 kA	1.3 kV	1.3 kV
Admissible short-circuit current	25 kA	25 kA
Fuses type gG	100 A max	125 A max
Operating temperature	-40 / +85 °C	
Protection class	IP20	IP20

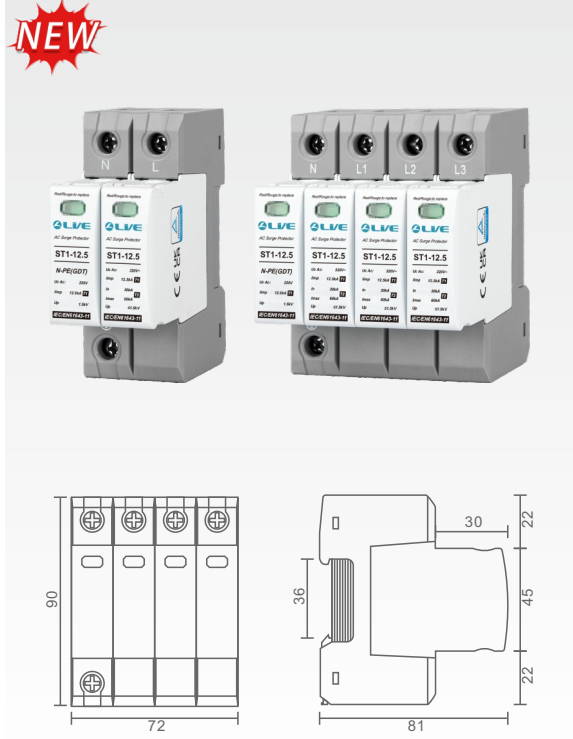
Surge Protective Device



- Standard: IEC/EN 61643-11.
- Flag Indication: Green: Good Red: Replace.
- Nominal Voltage (Un): 400V~50/60Hz.
- System: TN.
- Terminal Capacity (Max.): 6mm²-35mm².
- Recommended Torque: 2.5Nm.
- Degree Of Protection: IP20.
- Mounting: 35mm Din Rail (To EN 60715).
- Maximum Operating Voltage (Uc): 385V.
- Fuse Type gG: 125A max.
- Admissible Short circuit current (Isc): 25KA.
- Type: T2.
- Max. continuous operating Voltage(AC) (Uc): 385V(50/60Hz).
- Nominal Discharge current(8/20μs) L-PE/N-PE(In): 20KA.
- Maximum Discharge Current(8/20μs) L-PE/N-PE(I_{max}): 40KA.
- Voltage protection level L-PE/N-PE (Up): <1.7kv.
- Operating temperature range: -40°C +80°C.
- Terminal torque:2.0Nm.

Part No	Description
SC440	T2 Three Phase Surge Protector
SC140 3P+N	T2 3P+N Surge Protector

Surge Protective Device



- Rated Voltage(UcAc) :255V/320V.
- Type:T1+T2.
- T1 limp: 12.5kA.
- T2 nominal discharge current (In): 30kA.
- T2 maximum discharge current (Imax): 60kA.
- Voltage protection level (Up):≤1.5kV.
- Protection degree :IP20.
- Ambient Temperature :-40°C~+80°C.
- Number of Poles :1P+N,3P+N.
- Test Standard:61643-11.
- Mounting on:35mm DIN rail.
- Terminal torque:2.0Nm.
- Earthing Installations Type:TT-TN.

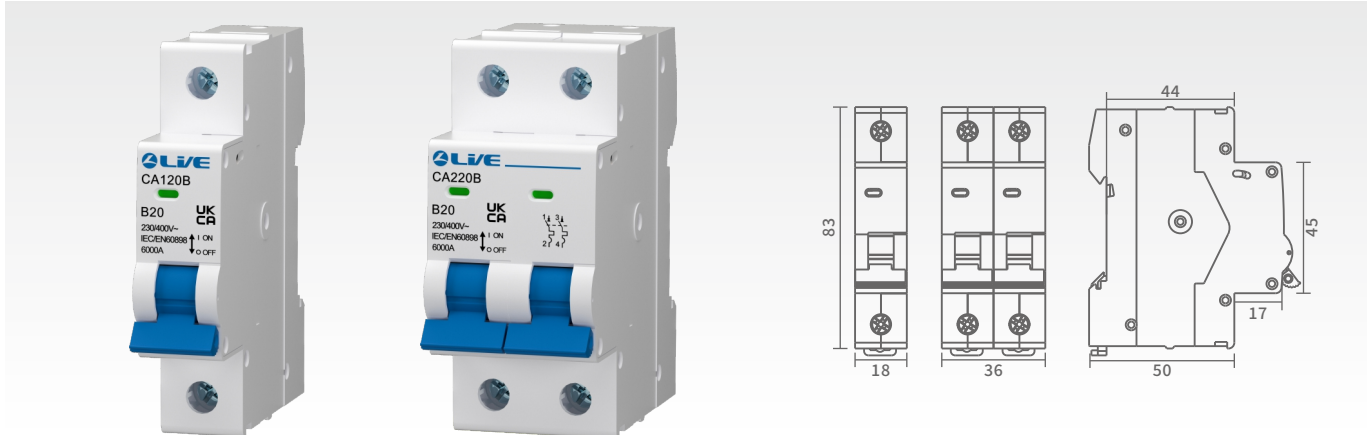
Part No	Description
ST1-12.5 1P+N	1P+N T1+T2 Surge Protective Device
ST1-12.5 3P+N	3P+N T1+T2 Surge Protective Device

MCBRCBORCCB AND RCD

LIVE ELECTRICAL
DISTRIBUTION
UK LTD



Miniature Circuit Breakers



Design Features

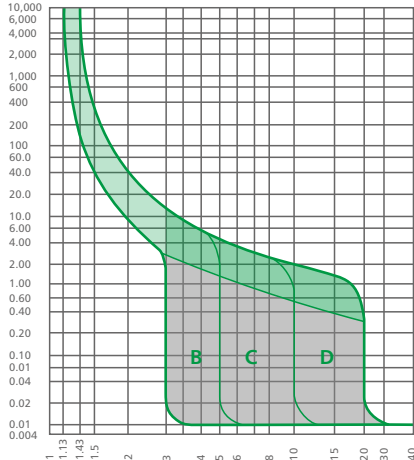
- Rated current In (A) :2,6,10,16,20,25,32,40,50,63.
- Poles: 1P,2P,3P,4P.
- Rated voltage Ue(AC): 230/400V.
- Rated frequency: 50/60Hz.
- Insulation voltage Ui: 500V.
- Rated breaking capacity(A): 6KA.
- Rated impulse withstand voltage(1.2/50) Uimp (V): 4000.
- Dielectric test voltage at ind. Frq for 1 min (KV) : 2.
- Ambient temperature(with daily average ≤35 °C:-5~+40).
- Thermo-magnetic release characteristic: B,C,D.
- Electrical life: 8,000.
- Contact position degree: IP20.
- Storage temperature(°C):-25~+70).
- Reference temperature for setting of thermal element (°C):30.
- Cable terminal capacity maximum:16mm².
- Terminal torque:2.0Nm.

1P 6KA Miniature Circuit Breakers

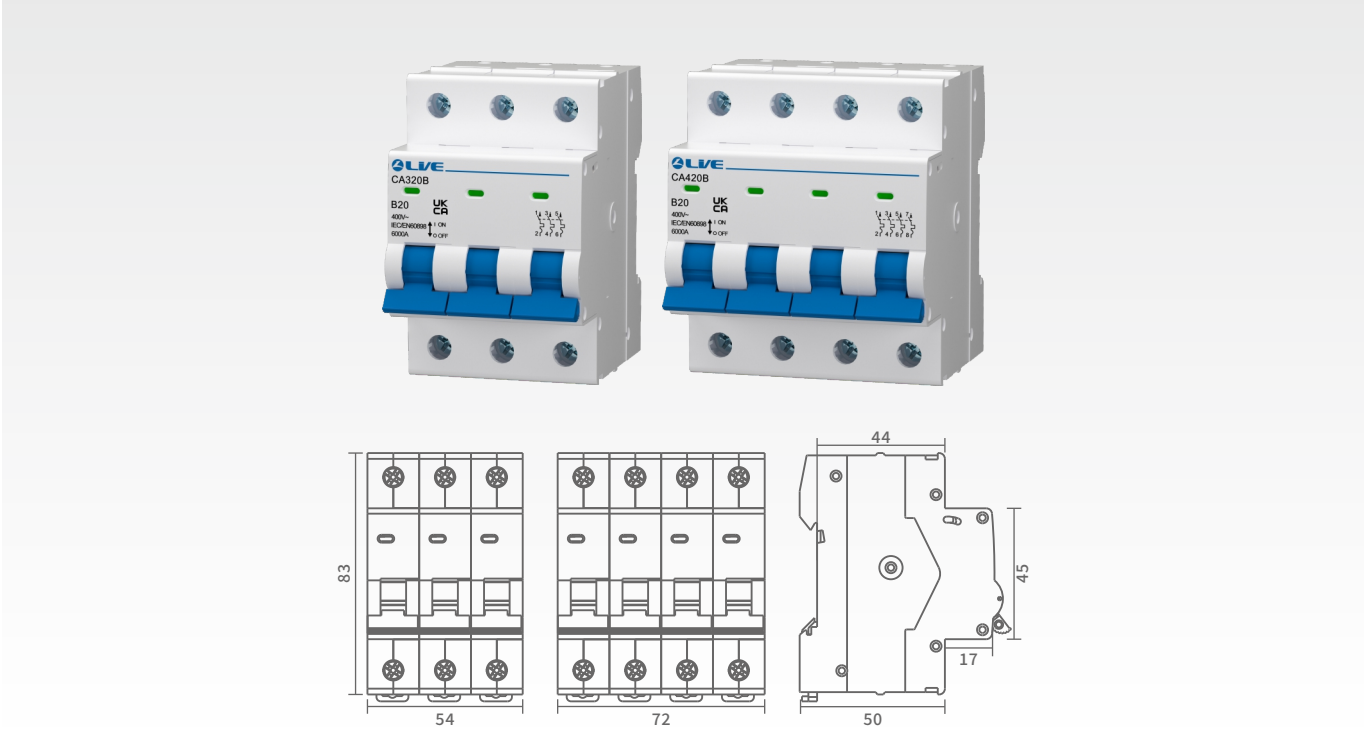
Part No	Description
CA102B	1Pole 2Amps B Curve 6kA MCB
CA106B	1Pole 6Amps B Curve 6kA MCB
CA110B	1Pole 10Amps B Curve 6kA MCB
CA116B	1Pole 16Amps B Curve 6kA MCB
CA120B	1Pole 20Amps B Curve 6kA MCB
CA125B	1Pole 25Amps B Curve 6kA MCB
CA132B	1Pole 32Amps B Curve 6kA MCB
CA140B	1Pole 40Amps B Curve 6kA MCB
CA150B	1Pole 50Amps B Curve 6kA MCB
CA163B	1Pole 63Amps B Curve 6kA MCB
CA106C	1Pole 6Amps C Curve 6kA MCB
CA110C	1Pole 10Amps C Curve 6kA MCB
CA116C	1Pole 16Amps C Curve 6kA MCB
CA120C	1Pole 20Amps C Curve 6kA MCB
CA125C	1Pole 25Amps C Curve 6kA MCB
CA132C	1Pole 32Amps C Curve 6kA MCB
CA140C	1Pole 40Amps C Curve 6kA MCB
CA150C	1Pole 50Amps C Curve 6kA MCB
CA163C	1Pole 63Amps C Curve 6kA MCB
CA106D	1Pole 6Amps D Curve 6kA MCB
CA110D	1Pole 10Amps D Curve 6kA MCB
CA116D	1Pole 16Amps D Curve 6kA MCB
CA120D	1Pole 20Amps D Curve 6kA MCB
CA125D	1Pole 25Amps D Curve 6kA MCB
CA132D	1Pole 32Amps D Curve 6kA MCB
CA140D	1Pole 40Amps D Curve 6kA MCB
CA150D	1Pole 50Amps D Curve 6kA MCB
CA163D	1Pole 63Amps D Curve 6kA MCB

2P 6KA Miniature Circuit Breakers

Part No	Description
CA206B	2Pole 6Amps B Curve 6kA MCB
CA210B	2Pole 10Amps B Curve 6kA MCB
CA216B	2Pole 16Amps B Curve 6kA MCB
CA220B	2Pole 20Amps B Curve 6kA MCB
CA225B	2Pole 25Amps B Curve 6kA MCB
CA232B	2Pole 32Amps B Curve 6kA MCB
CA240B	2Pole 40Amps B Curve 6kA MCB
CA250B	2Pole 50Amps B Curve 6kA MCB
CA263B	2Pole 63Amps B Curve 6kA MCB
CA206C	2Pole 6Amps C Curve 6kA MCB
CA210C	2Pole 10Amps C Curve 6kA MCB
CA216C	2Pole 16Amps C Curve 6kA MCB
CA220C	2Pole 20Amps C Curve 6kA MCB
CA225C	2Pole 25Amps C Curve 6kA MCB
CA232C	2Pole 32Amps C Curve 6kA MCB
CA240C	2Pole 40Amps C Curve 6kA MCB
CA250C	2Pole 50Amps C Curve 6kA MCB
CA263C	2Pole 63Amps C Curve 6kA MCB
CA206D	2Pole 6Amps D Curve 6kA MCB
CA210D	2Pole 10Amps D Curve 6kA MCB
CA216D	2Pole 16Amps D Curve 6kA MCB
CA220D	2Pole 20Amps D Curve 6kA MCB
CA225D	2Pole 25Amps D Curve 6kA MCB
CA232D	2Pole 32Amps D Curve 6kA MCB
CA240D	2Pole 40Amps D Curve 6kA MCB
CA250D	2Pole 50Amps D Curve 6kA MCB
CA263D	2Pole 63Amps D Curve 6kA MCB



Miniature Circuit Breakers



3P 6KA Miniature Circuit Breakers

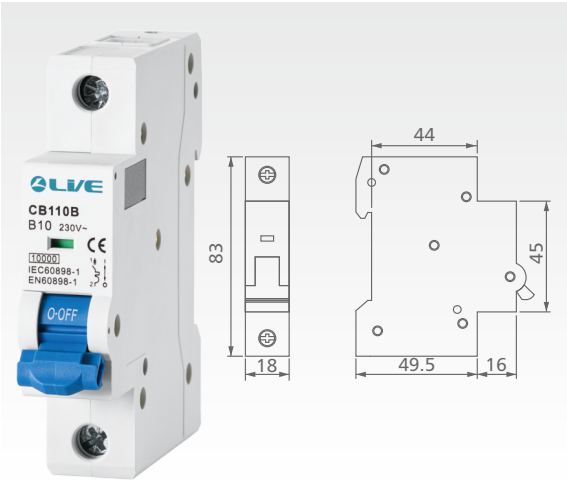
Part No	Description
CA306B	3Pole 6Amps B Curve 6kA MCB
CA310B	3Pole 10Amps B Curve 6kA MCB
CA316B	3Pole 16Amps B Curve 6kA MCB
CA320B	3Pole 20Amps B Curve 6kA MCB
CA325B	3Pole 25Amps B Curve 6kA MCB
CA332B	3Pole 32Amps B Curve 6kA MCB
CA340B	3Pole 40Amps B Curve 6kA MCB
CA350B	3Pole 50Amps B Curve 6kA MCB
CA363B	3Pole 63Amps B Curve 6kA MCB
CA306C	3Pole 6Amps C Curve 6kA MCB
CA310C	3Pole 10Amps C Curve 6kA MCB
CA316C	3Pole 16Amps C Curve 6kA MCB
CA320C	3Pole 20Amps C Curve 6kA MCB
CA325C	3Pole 25Amps C Curve 6kA MCB
CA332C	3Pole 32Amps C Curve 6kA MCB
CA340C	3Pole 40Amps C Curve 6kA MCB
CA350C	3Pole 50Amps C Curve 6kA MCB
CA363C	3Pole 63Amps C Curve 6kA MCB
CA306D	3Pole 6Amps D Curve 6kA MCB
CA310D	3Pole 10Amps D Curve 6kA MCB
CA316D	3Pole 16Amps D Curve 6kA MCB
CA320D	3Pole 20Amps D Curve 6kA MCB
CA325D	3Pole 25Amps D Curve 6kA MCB
CA332D	3Pole 32Amps D Curve 6kA MCB
CA340D	3Pole 40Amps D Curve 6kA MCB
CA350D	3Pole 50Amps D Curve 6kA MCB
CA363D	3Pole 63Amps D Curve 6kA MCB

4P 6KA Miniature Circuit Breakers

Part No	Description
CA406B	4Pole 6Amps B Curve 6kA MCB
CA410B	4Pole 10Amps B Curve 6kA MCB
CA416B	4Pole 16Amps B Curve 6kA MCB
CA420B	4Pole 20Amps B Curve 6kA MCB
CA425B	4Pole 25Amps B Curve 6kA MCB
CA432B	4Pole 32Amps B Curve 6kA MCB
CA440B	4Pole 40Amps B Curve 6kA MCB
CA450B	4Pole 50Amps B Curve 6kA MCB
CA463B	4Pole 63Amps B Curve 6kA MCB
CA406C	4Pole 6Amps C Curve 6kA MCB
CA410C	4Pole 10Amps C Curve 6kA MCB
CA416C	4Pole 16Amps C Curve 6kA MCB
CA420C	4Pole 20Amps C Curve 6kA MCB
CA425C	4Pole 25Amps C Curve 6kA MCB
CA432C	4Pole 32Amps C Curve 6kA MCB
CA440C	4Pole 40Amps C Curve 6kA MCB
CA450C	4Pole 50Amps C Curve 6kA MCB
CA463C	4Pole 63Amps C Curve 6kA MCB
CA406D	4Pole 6Amps D Curve 6kA MCB
CA410D	4Pole 10Amps D Curve 6kA MCB
CA416D	4Pole 16Amps D Curve 6kA MCB
CA420D	4Pole 20Amps D Curve 6kA MCB
CA425D	4Pole 25Amps D Curve 6kA MCB
CA432D	4Pole 32Amps D Curve 6kA MCB
CA440D	4Pole 40Amps D Curve 6kA MCB
CA450D	4Pole 50Amps D Curve 6kA MCB
CA463D	4Pole 63Amps D Curve 6kA MCB

Miniature Circuit Breakers

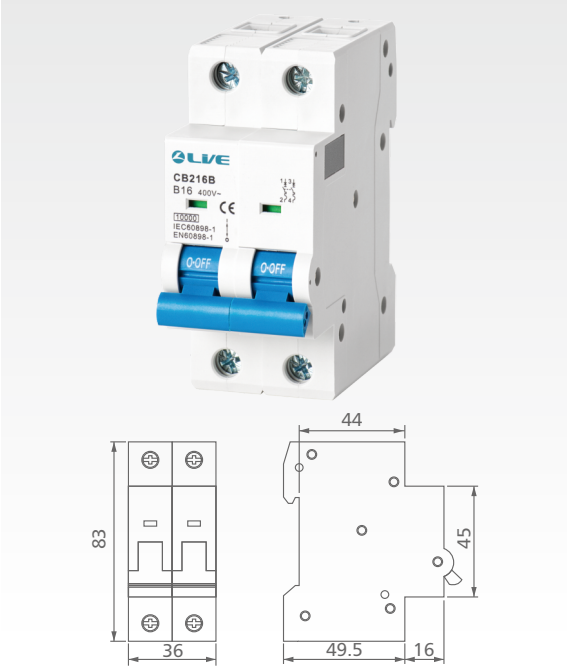
1 Pole 10kA Miniature Circuit Breakers



Design Features

- Rated current I_n (A) :6,10,16,20,25,32,40,50,63.
- Poles: 1P,2P,3P.
- Rated voltage U_e (AC): 230/400V.
- Rated frequency: 50/60Hz.
- Insulation voltage U_i : 500V.
- Rated breaking capacity(A): 10KA.
- Rated impulse withstand voltage(1.2/50) U_{imp} (V): 4000.
- Dielectric test voltage at ind. Frq for 1 min (KV) : 2.
- Ambient temperature(with daily average $\leq 35^\circ\text{C}$:-5~+40).
- Thermo-magnetic release characteristic: B,C,D.
- Electrical life: 8,000.
- Contact position degree: IP20.
- Storage temperature($^\circ\text{C}$):-25~+70).
- Reference temperature for setting of thermal element ($^\circ\text{C}$):30.
- Cable terminal capacity maximum:16mm².
- Terminal torque:2.5Nm.

2 Pole 10kA Miniature Circuit Breakers



Part No	Description	Box Qty
CB106B	1Pole 6Amps B Curve 10kA MCB	12
CB110B	1Pole 10Amps B Curve 10kA MCB	12
CB116B	1Pole 16Amps B Curve 10kA MCB	12
CB120B	1Pole 20Amps B Curve 10kA MCB	12
CB132B	1Pole 32Amps B Curve 10kA MCB	12
CB140B	1Pole 40Amps B Curve 10kA MCB	12
CB150B	1Pole 50Amps B Curve 10kA MCB	12
CB163B	1Pole 63Amps B Curve 10kA MCB	12
CB106C	1Pole 6Amps C Curve 10kA MCB	12
CB110C	1Pole 10Amps C Curve 10kA MCB	12
CB116C	1Pole 16Amps C Curve 10kA MCB	12
CB120C	1Pole 20Amps C Curve 10kA MCB	12
CB132C	1Pole 32Amps C Curve 10kA MCB	12
CB140C	1Pole 40Amps C Curve 10kA MCB	12
CB150C	1Pole 50Amps C Curve 10kA MCB	12
CB163C	1Pole 63Amps C Curve 10kA MCB	12
CB106D	1Pole 6Amps D Curve 10kA MCB	12
CB110D	1Pole 10Amps D Curve 10kA MCB	12
CB116D	1Pole 16Amps D Curve 10kA MCB	12
CB120D	1Pole 20Amps D Curve 10kA MCB	12
CB132D	1Pole 32Amps D Curve 10kA MCB	12
CB140D	1Pole 40Amps D Curve 10kA MCB	12
CB150D	1Pole 50Amps D Curve 10kA MCB	12
CB163D	1Pole 63Amps D Curve 10kA MCB	12

Part No	Description	Box Qty
CB206B	2Pole 6Amps B Curve 10kA	6
CB210B	2Pole 10Amps B Curve 10kA	6
CB216B	2Pole 16Amps B Curve 10kA	6
CB220B	2Pole 20Amps B Curve 10kA	6
CB232B	2Pole 32Amps B Curve 10kA	6
CB240B	2Pole 40Amps B Curve 10kA	6
CB250B	2Pole 50Amps B Curve 10kA	6
CB263B	2Pole 63Amps B Curve 10kA	6
CB206C	2Pole 6Amps C Curve 10kA	6
CB210C	2Pole 10Amps C Curve 10kA	6
CB216C	2Pole 16Amps C Curve 10kA	6
CB220C	2Pole 20Amps C Curve 10kA	6
CB232C	2Pole 32Amps C Curve 10kA	6
CB240C	2Pole 40Amps C Curve 10kA	6
CB250C	2Pole 50Amps C Curve 10kA	6
CB263C	2Pole 63Amps C Curve 10kA	6

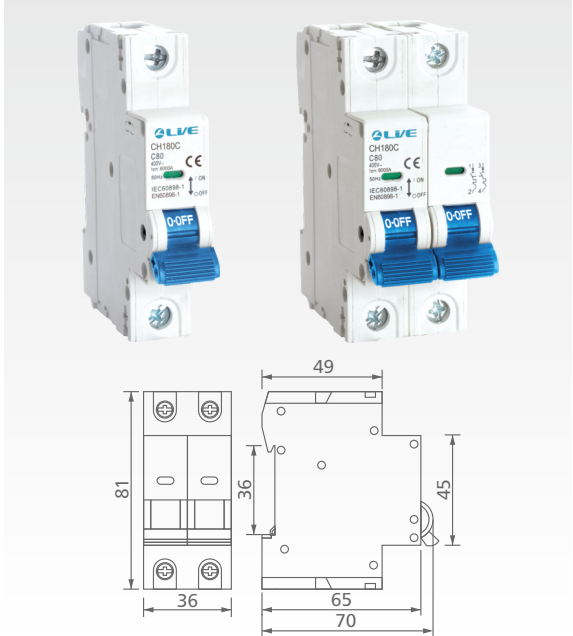
Miniature Circuit Breakers

3 Pole 10kA Miniature Circuit Breakers



Part No	Description	Box Qty
CB306B	3Pole 6Amps B Curve 10kA MCB	3
CB310B	3Pole 10Amps B Curve 10kA MCB	3
CB316B	3Pole 16Amps B Curve 10kA MCB	3
CB320B	3Pole 20Amps B Curve 10kA MCB	3
CB332B	3Pole 32Amps B Curve 10kA MCB	3
CB340B	3Pole 40Amps B Curve 10kA MCB	3
CB350B	3Pole 50Amps B Curve 10kA MCB	3
CB363B	3Pole 63Amps B Curve 10kA MCB	3
CB306C	3Pole 6Amps C Curve 10kA MCB	3
CB310C	3Pole 10Amps C Curve 10kA MCB	3
CB316C	3Pole 16Amps C Curve 10kA MCB	3
CB320C	3Pole 20Amps C Curve 10kA MCB	3
CB332C	3Pole 32Amps C Curve 10kA MCB	3
CB340C	3Pole 40Amps C Curve 10kA MCB	3
CB350C	3Pole 50Amps C Curve 10kA MCB	3
CB363C	3Pole 63Amps C Curve 10kA MCB	3
CB306D	3Pole 6Amps D Curve 10kA MCB	3
CB310D	3Pole 10Amps D Curve 10kA MCB	3
CB316D	3Pole 16Amps D Curve 10kA MCB	3
CB320D	3Pole 20Amps D Curve 10kA MCB	3
CB332D	3Pole 32Amps D Curve 10kA MCB	3
CB340D	3Pole 40Amps D Curve 10kA MCB	3
CB350D	3Pole 50Amps D Curve 10kA MCB	3
CB363D	3Pole 63Amps D Curve 10kA MCB	3

Miniature Circuit Breakers 80-100A

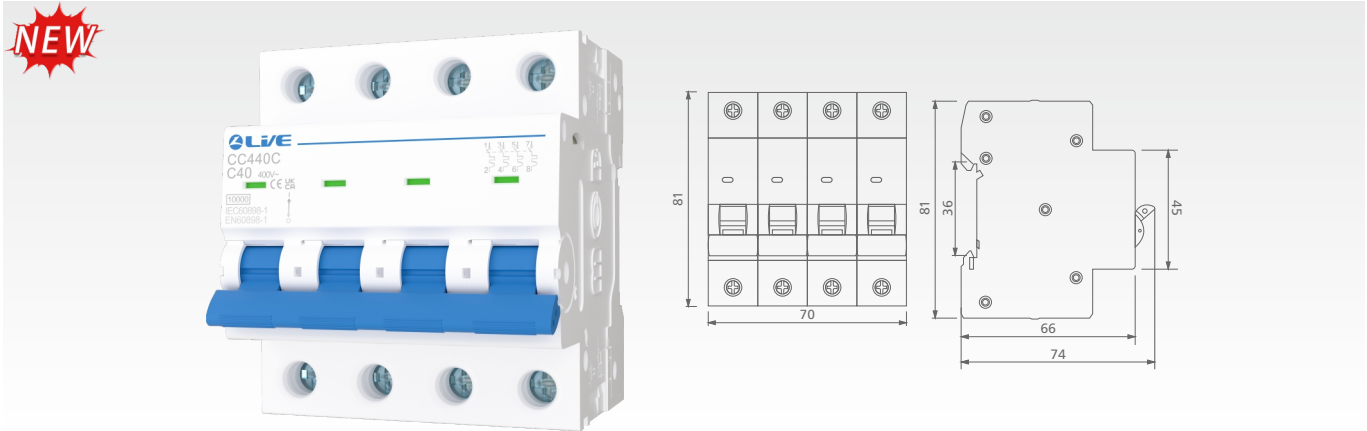


Technical Data

- Rated current In (A) :80, 100.
- Rated voltage Ue(AC): 240/415V.
- Insulation volage Ui: 500V.
- Thermo-magnetic release characteristic: C.
- Mechanical life: 20,000.
- Ambient temperature(with daily average ≤35 °C:-5~+40).
- Storage temperature(°C):-25~+70).
- Poles: 1P,2P,3P.
- Rated frequency: 50/60Hz.
- Rated breaking capacity(A): 6 kA.
- Electrical life: 8,000.
- Contact position degree: Ip20.
- Terminal capacity:35mm².
- Terminal torque:3.5Nm.

Part No	Description	Box Qty
CH180C	Single Pole 80Amps C Curve MCB	12
CH1100C	Single Pole 100Amps C Curve MCB	12
CH280C	Double Pole 80Amps C Curve MCB	6
CH2100C	Double Pole 100Amps C Curve MCB	6
CH380C	3 Pole 80Amps C Curve MCB	4
CH3100C	3 Pole 100Amps C Curve MCB	4

Miniature Circuit Breakers



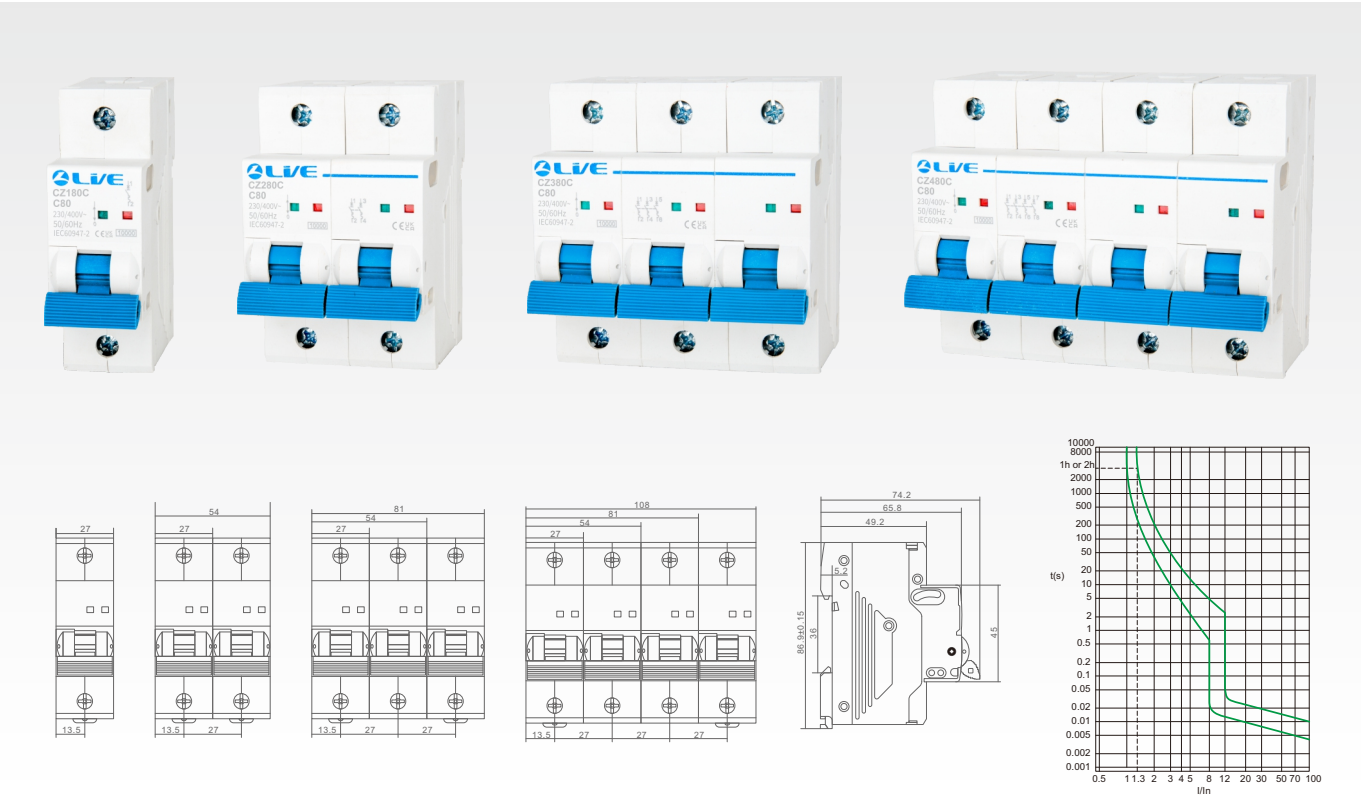
Technical Data

- Rated current In (A) :6,10,16,20,25,32,40,50,63.
- Poles: 4P.
- Rated voltage Ue(AC): 400V.
- Rated frequency: 50/60Hz .
- Rated breaking capacity(A): 10KA.
- Tripping characteristic: B,C.
- Contact position degree: IP20.
- Complies with BS EN60898-1.
- Terminal torque:2.0Nm.

Part No	Description	Box Qty
CC406B	4Pole 6Amps B Curve 10kA	3
CC410B	4Pole 10Amps B Curve 10kA	3
CC416B	4Pole 16Amps B Curve 10kA	3
CC420B	4Pole 20Amps B Curve 10kA	3
CC425B	4Pole 25Amps B Curve 10kA	3
CC432B	4Pole 32Amps B Curve 10kA	3
CC440B	4Pole 40Amps B Curve 10kA	3
CC450B	4Pole 50Amps B Curve 10kA	3
CC463B	4Pole 63Amps B Curve 10kA	3
CC406C	4Pole 6Amps C Curve 10kA	3
CC410C	4Pole 10Amps C Curve 10kA	3
CC416C	4Pole 16Amps C Curve 10kA	3
CC420C	4Pole 20Amps C Curve 10kA	3
CC425C	4Pole 25Amps C Curve 10kA	3
CC432C	4Pole 32Amps C Curve 10kA	3
CC440C	4Pole 40Amps C Curve 10kA	3
CC450C	4Pole 50Amps C Curve 10kA	3
CC463C	4Pole 63Amps C Curve 10kA	3

Miniature Circuit Breakers

10KA MCB



Description

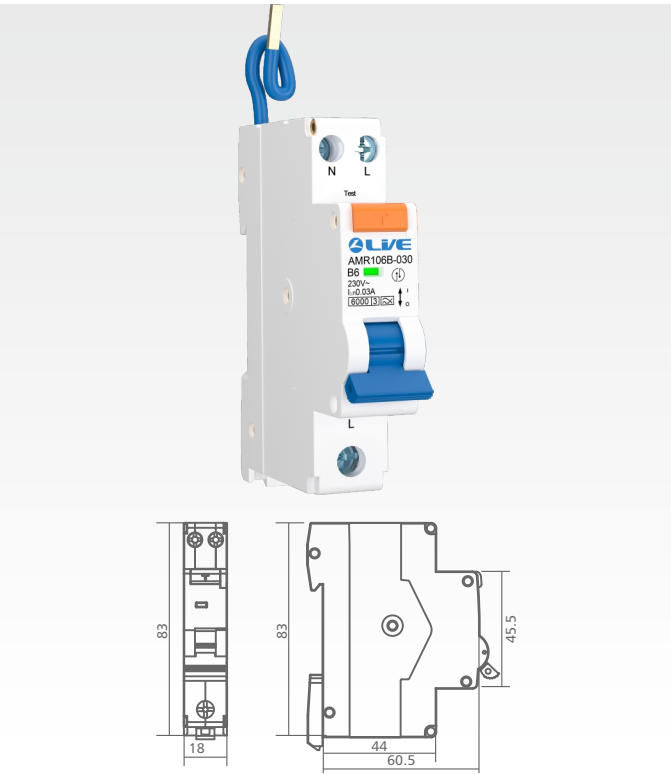
CZ MCB is suitable for overload and short circuit protection under AC 50/60Hz ,rated voltage 230/400Vand current rating no more than 125A.This circuit breaker can also be used for infrequent switching of circuits.

Technical Date

- Poles: 1P,2P,3P,4P
- Rated voltage: 230/400VAC;
- Rated current: 80A,100A,125A.
- Rated insulation voltage: 500V;
- Impulse withstand voltage: 6kV;
- Thermal trip benchmark setting temperature: 30°C
- Tripping characteristics: B-curve 3-5 In; C curve 5-10 In; D curve 10-20In;
- Breaking capacity: 10kA;
- Terminal capacity:50mm².
- Isolation function:Contact status indicator with red green color .
- Current protection action characteristics .
- Operational environment .
 - a. Air temperature: -5 °C to 40 °C;
 - b. The average temperature within 24 hours shall not exceed+35 °C;
 - c. The altitude of the installation site generally does not exceed 2000m;
 - d. Pollution level: II
 - e. Installation category: II 、III
- Terminal torque:3.5Nm.

Part No	Description	Box Qty	Part No	Description	Box Qty
CZ180B	1Pole 80Amps B Curve 10kA MCB	12	CZ380B	3Pole 80Amps B Curve 10kA MCB	3
CZ1100B	1Pole 100Amps B Curve 10kA MCB	12	CZ3100B	3Pole 100Amps B Curve 10kA MCB	3
CZ1125B	1Pole 125Amps B Curve 10kA MCB	12	CZ3125B	3Pole 125Amps B Curve 10kA MCB	3
CZ180C	1Pole 80Amps C Curve 10kA MCB	12	CZ380C	3Pole 80Amps C Curve 10kA MCB	3
CZ1100C	1Pole 100Amps C Curve 10kA MCB	12	CZ3100C	3Pole 100Amps C Curve 10kA MCB	3
CZ1125C	1Pole 125Amps C Curve 10kA MCB	12	CZ3125C	3Pole 125Amps C Curve 10kA MCB	3
CZ280B	2Pole 80Amps B Curve 10kA MCB	6	CZ480B	4Pole 80Amps B Curve 10kA MCB	3
CZ2100B	2Pole 100Amps B Cure 10kA MCB	6	CZ4100B	4Pole 100Amps B Curve 10kA MCB	3
CZ2125B	2Pole 125Amps B Cure 10kA MCB	6	CZ4125B	4Pole 125Amps B Curve 10kA MCB	3
CZ280C	2Pole 80Amps C Curve 10kA MCB	6	CZ480C	4Pole 80Amps C Curve 10kA MCB	3
CZ2100C	2Pole 100Amps C Curve 10kA MCB	6	CZ4100C	4Pole 100Amps C Curve 10kA MCB	3
CZ2125C	2Pole 125Amps C Curve 10kA MCB	6	CZ4125C	4Pole 125Amps C Curve 10kA MCB	3

Type A RCBO With Switched Neutral Line



Design Features

AMR is a range of MCB sized RCBOs, apply to circuit of AC50/60Hz. Rated voltage to 230V, and current up to 40 A, bring higher levels of safety to an electrical installation and its users because they include switched neutral as standard, which will guarantee that healthy circuits remain in service and that only a faulty circuit is switched off .

- Switching and isolation.
- Overload and short circuit protection.
- Type A detects and respond both AC and pulsating DC.
- Indirect and direct contacts protection.
- Protection against fire hazard caused by insulation faults.
- Bidirectional.

Technical Data

- Rated current (In): 6A, 10A, 16A, 20A, 25A, 32A, 40A.
- Rated voltage (Ue): 230V AC.
- Breaking capacity (Icn): 6kA.
- Rated residual current: 30mA,100mA.
- 1P+N.
- Tripping characteristic: B,C.
- Electrical endurance: 4000 cycles.
- Mechanical endurance: 100000 cycles.
- Complies with BS EN 61009-1.
- Type: A.
- Terminal cable capacity maximum:IN:16mm², OUT:10mm².
- Terminal torque:1.2/2.5Nm.

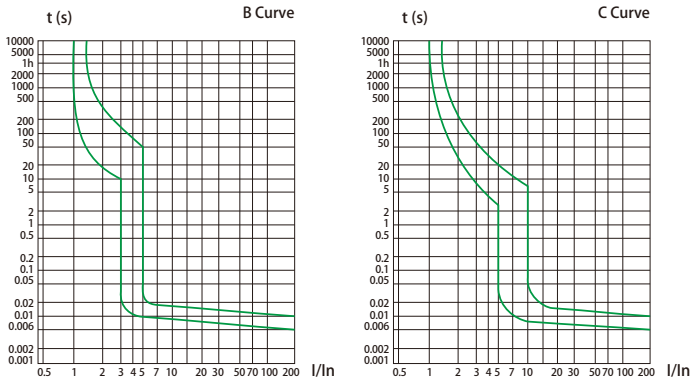
Part No	Description
AMR106B-030	Type A Single Module 6Amps B Curve 30mA RCBO
AMR110B-030	Type A Single Module 10Amps B Curve 30mA RCBO
AMR116B-030	Type A Single Module 16Amps B Curve 30mA RCBO
AMR120B-030	Type A Single Module 20Amps B Curve 30mA RCBO
AMR125B-030	Type A Single Module 25Amps B Curve 30mA RCBO
AMR132B-030	Type A Single Module 32Amps B Curve 30mA RCBO
AMR140B-030	Type A Single Module 40Amps B Curve 30mA RCBO
AMR106C-030	Type A Single Module 6Amps C Curve 30mA RCBO
AMR110C-030	Type A Single Module 10Amps C Curve 30mA RCBO
AMR116C-030	Type A Single Module 16Amps C Curve 30mA RCBO
AMR120C-030	Type A Single Module 20Amps C Curve 30mA RCBO
AMR125C-030	Type A Single Module 25Amps C Curve 30mA RCBO
AMR132C-030	Type A Single Module 32Amps C Curve 30mA RCBO
AMR140C-030	Type A Single Module 40Amps C Curve 30mA RCBO
AMR106B-100	Type A Single Module 6Amps B Curve 100mA RCBO
AMR110B-100	Type A Single Module 10Amps B Curve 100mA RCBO
AMR116B-100	Type A Single Module 16Amps B Curve 100mA RCBO
AMR120B-100	Type A Single Module 20Amps B Curve 100mA RCBO
AMR125B-100	Type A Single Module 25Amps B Curve 100mA RCBO
AMR132B-100	Type A Single Module 32Amps B Curve 100mA RCBO
AMR140B-100	Type A Single Module 40Amps B Curve 100mA RCBO
AMR106C-100	Type A Single Module 6Amps C Curve 100mA RCBO
AMR110C-100	Type A Single Module 10Amps C Curve 100mA RCBO
AMR116C-100	Type A Single Module 16Amps C Curve 100mA RCBO
AMR120C-100	Type A Single Module 20Amps C Curve 100mA RCBO
AMR125C-100	Type A Single Module 25Amps C Curve 100mA RCBO
AMR132C-100	Type A Single Module 32Amps C Curve 100mA RCBO
AMR140C-100	Type A Single Module 40Amps C Curve 100mA RCBO

Twin Switch Type A RCBO Double Pole



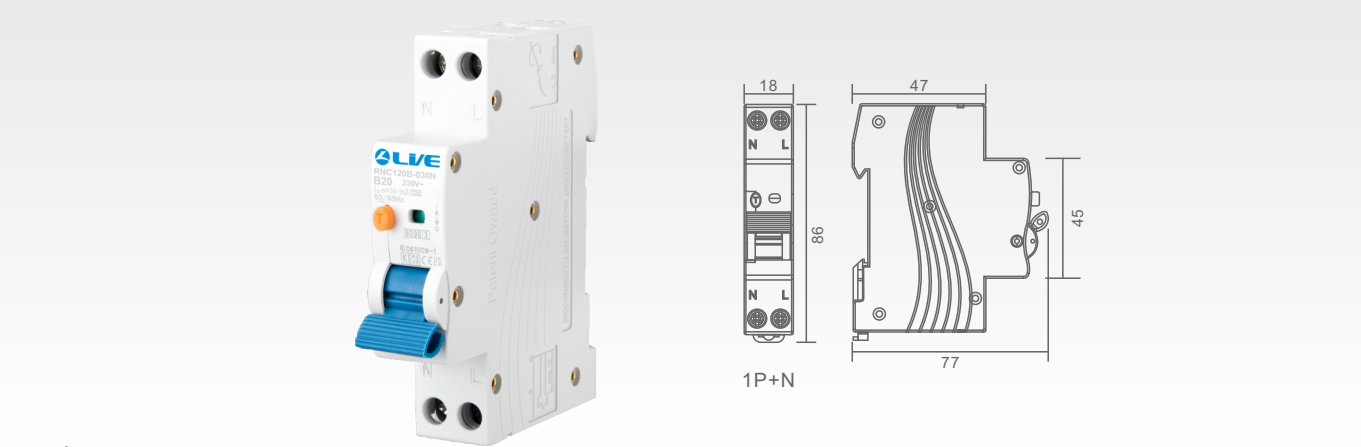
Technical Data

- Rated current(In): 6A,10A,16A,20A,25A,32A,40A.
- Breaking capacity (Icn) 6kA .
- Tripping characteristics: B,C.
- Mechanical endurance: 10000 cycles.
- Rated voltage(Un) 240V AC.
- Rated residual current: 30mA.
- Electrical endurance: 4000 cycles.
- Complies with BS EN 61009-1.
- Cable terminal capacity maximum:16mm².
- Bidirectional.
- Terminal capacity:16mm².
- Terminal torque:2.5Nm.



Part No	Description
RNA6B-030	Type A Double Module 6 Amps B Curve 30mA high immunity RCBO
RNA10B-030	Type A Double Module 10 Amps B Curve 30mA high immunity RCBO
RNA16B-030	Type A Double Module 16 Amps B Curve 30mA high immunity RCBO
RNA20B-030	Type A Double Module 20 Amps B Curve 30mA high immunity RCBO
RNA32B-030	Type A Double Module 32 Amps B Curve 30mA high immunity RCBO
RNA40B-030	Type A Double Module 40 Amps B Curve 30mA high immunity RCBO
RNA6C-030	Type A Double Module 6 Amps C Curve 30mA high immunity RCBO
RNA10C-030	Type A Double Module 10 Amps C Curve 30mA high immunity RCBO
RNA16C-030	Type A Double Module 16 Amps C Curve 30mA high immunity RCBO
RNA20C-030	Type A Double Module 20 Amps C Curve 30mA high immunity RCBO
RNA32C-030	Type A Double Module 32 Amps C Curve 30mA high immunity RCBO
RNA40C-030	Type A Double Module 40 Amps C Curve 30mA high immunity RCBO

Type A RCBO



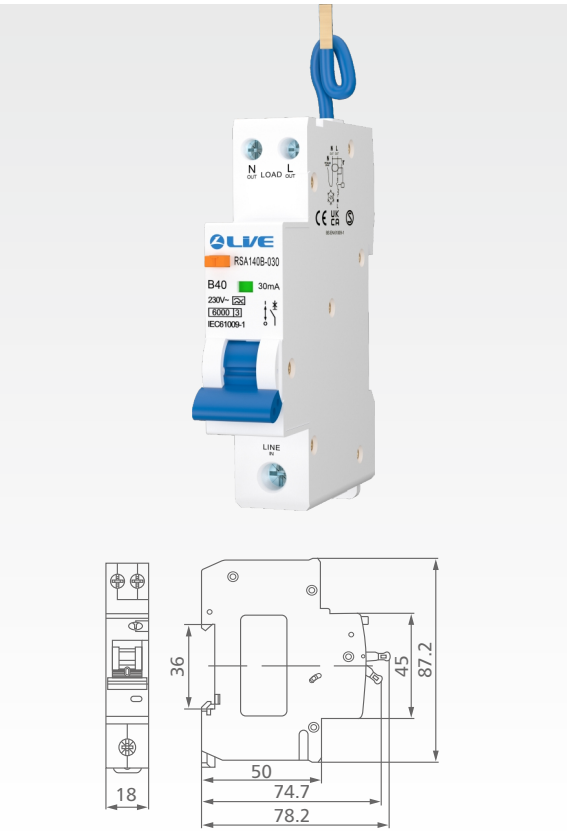
Technical Data

- Rated current In(A):6,10,16,20,25,32,40.
- Rated voltage Un: 230VAC.
- Poles:2P.
- Tripping curve:B,C.
- Residual current operating characteristic:TypeA.
- Rated frequency:50/60 Hz.
- Rated short-circuit breaking capacity Inc:6 kA.
- Operating temperature:-25~+40°C.
- Contact position degree:IP20.
- Rated residual operating current IAn(mA):10,30,100,300mA.
- Complies with BS EN61009-1.
- Bidirectional.
- Terminal capacity:10mm².
- Type A.
- Terminal torque:1.2Nm.

Part No	Description	Box Qty
RNC106B-030N	2P 6Amps B Curve 30mA Type A RCBO	50
RNC110B-030N	2P 10Amps B Curve 30mA Type A RCBO	50
RNC116B-030N	2P 16Amps B Curve 30mA Type A RCBO	50
RNC120B-030N	2P 20Amps B Curve 30mA Type A RCBO	50
RNC125B-030N	2P 25Amps B Curve 30mA Type A RCBO	50
RNC132B-030N	2P 32Amps B Curve 30mA Type A RCBO	50
RNC140B-030N	2P 40Amps B Curve 30mA Type A RCBO	50
RNC106C-030N	2P 6Amps C Curve 30mA Type A RCBO	50
RNC110C-030N	2P 10Amps C Curve 30mA Type A RCBO	50
RNC116C-030N	2P 16Amps C Curve 30mA Type A RCBO	50
RNC120C-030N	2P 20Amps C Curve 30mA Type A RCBO	50
RNC125C-030N	2P 25Amps C Curve 30mA Type A RCBO	50
RNC132C-030N	2P 32Amps C Curve 30mA Type A RCBO	50
RNC140C-030N	2P 40Amps C Curve 30mA Type A RCBO	50
RNC106B-100N	2P 6Amps B Curve 100mA Type A RCBO	50
RNC110B-100N	2P 10Amps B Curve 100mA Type A RCBO	50
RNC116B-100N	2P 16Amps B Curve 100mA Type A RCBO	50
RNC120B-100N	2P 20Amps B Curve 100mA Type A RCBO	50
RNC125B-100N	2P 25Amps B Curve 100mA Type A RCBO	50
RNC132B-100N	2P 32Amps B Curve 100mA Type A RCBO	50
RNC140B-100N	2P 40Amps B Curve 100mA Type A RCBO	50
RNC106C-100N	2P 6Amps C Curve 100mA Type A RCBO	50
RNC110C-100N	2P 10Amps C Curve 100mA Type A RCBO	50
RNC116C-100N	2P 16Amps C Curve 100mA Type A RCBO	50
RNC120C-100N	2P 20Amps C Curve 100mA Type A RCBO	50
RNC125C-100N	2P 25Amps C Curve 100mA Type A RCBO	50
RNC132C-100N	2P 32Amps C Curve 100mA Type A RCBO	50
RNC140C-100N	2P 40Amps C Curve 100mA Type A RCBO	50

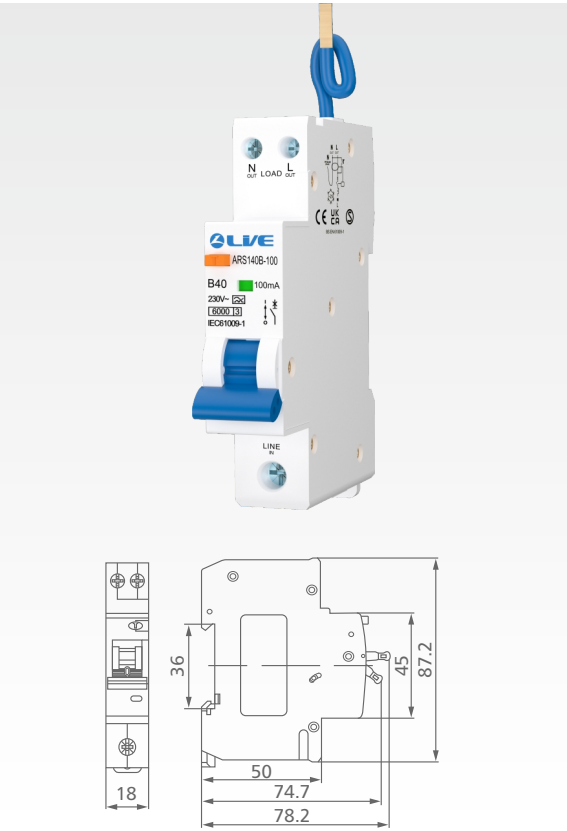
Type A mini RCBO

Type A mini RCBO Single Module



Type A mini RCBO

Type A mini RCBO Single Module



Design Features

- Switching and isolation.
- Overload and short circuit protection.
- Protection against the effects of sinusoidal alternation earth fault currents.
- Indirect and direct contacts protection.
- Protection against fire hazard caused by insulation faults.

Technical Data

- Rated current (In): 6A, 10A, 16A, 20A, 25A, 32A, 40A.
- Rated voltage (Ue): 230V AC.
- Breaking capacity (Icn): 6kA.
- Rated residual current: 30mA.
- Tripping characteristic: B.
- Electrical endurance: 4000 cycles.
- Mechanical endurance: 100000 cycles.
- Complies with BS EN 61009-1.
- IN:16mm², OUT:10mm².
- Terminal capacity: IN:16mm², OUT:10mm².
- Terminal torque: 1.2/2.0Nm.

Part No	Description	Box Qty
RSA106B-030	Type A Single Module 6Amps B Curve 30mA RCBO	50
RSA110B-030	Type A Single Module 10Amps B Curve 30mA RCBO	50
RSA116B-030	Type A Single Module 16Amps B Curve 30mA RCBO	50
RSA120B-030	Type A Single Module 20Amps B Curve 30mA RCBO	50
RSA132B-030	Type A Single Module 32Amps B Curve 30mA RCBO	50
RSA140B-030	Type A Single Module 40Amps B Curve 30mA RCBO	50

Design Features

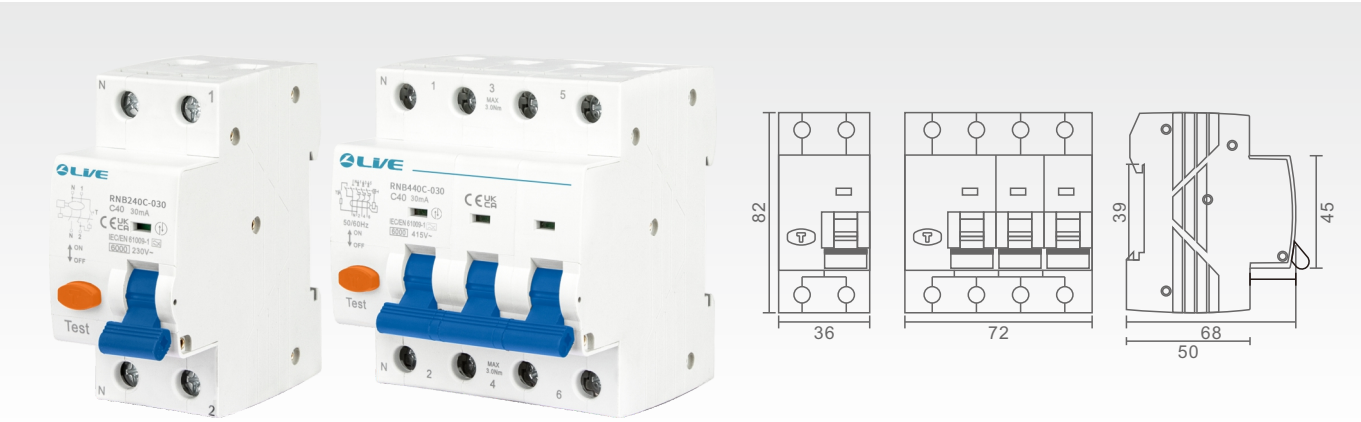
- Switching and isolation.
- Overload and short circuit protection.
- Protection against the effects of sinusoidal alternation earth fault currents.
- Indirect and direct contacts protection.
- Protection against fire hazard caused by insulation faults.

Technical Data

- Rated current (In): 6A, 10A, 16A, 20A, 25A, 32A, 40A.
- Rated voltage (Ue): 230V AC.
- Breaking capacity (Icn): 6kA.
- Rated residual current: 100mA.
- Tripping characteristic: B.
- Electrical endurance: 4000 cycles.
- Mechanical endurance: 100000 cycles.
- Complies with BS EN 61009-1.
- Terminal capacity: IN:16mm², OUT:10mm².
- Terminal torque: 1.2/2.0Nm.

Part No	Description	Box Qty
ARS106B-100	Type A Single Module 6Amps B Curve 100mA RCBO	50
ARS110B-100	Type A Single Module 10Amps B Curve 100mA RCBO	50
ARS116B-100	Type A Single Module 16Amps B Curve 100mA RCBO	50
ARS120B-100	Type A Single Module 20Amps B Curve 100mA RCBO	50
ARS132B-100	Type A Single Module 32Amps B Curve 100mA RCBO	50
ARS140B-100	Type A Single Module 40Amps B Curve 100mA RCBO	50

Type A RCBO



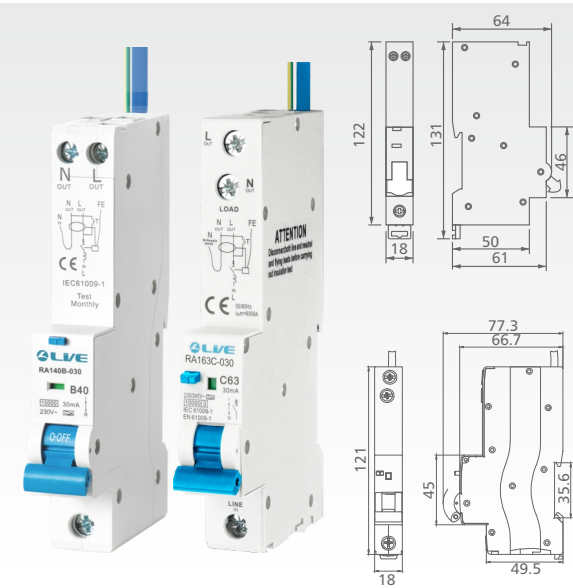
Technical Data

- Rated current (In): 6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A
- Rated voltage (Un): 230V AC/400V AC
- Breaking capacity (Icn): 6kA
- Rated residual current: 30mA, 100mA, 300mA
- Poles: 2P & 4P
- Terminal capacity: 16mm²
- Tripping characteristics: B, C
- Electrical endurance: 4000 cycles
- Mechanical endurance: 10000 cycles
- Complies with BS EN 61009-1
- Terminal torque: 3.0Nm

Part No	Description	Box Qty
RNB206B-030	2P 6 Amps B Curve 30 mA Type A RCBO	
RNB210B-030	2P 10 Amps B Curve 30 mA Type A RCBO	
RNB216B-030	2P 16 Amps B Curve 30 mA Type A RCBO	
RNB220B-030	2P 20 Amps B Curve 30 mA Type A RCBO	
RNB225B-030	2P 25 Amps B Curve 30 mA Type A RCBO	
RNB232B-030	2P 32 Amps B Curve 30 mA Type A RCBO	
RNB240B-030	2P 40 Amps B Curve 30 mA Type A RCBO	
RNB250B-030	2P 50 Amps B Curve 30 mA Type A RCBO	
RNB263B-030	2P 63 Amps B Curve 30 mA Type A RCBO	
RNB206C-030	2P 6 Amps C Curve 30 mA Type A RCBO	
RNB210C-030	2P 10 Amps C Curve 30 mA Type A RCBO	
RNB216C-030	2P 16 Amps C Curve 30 mA Type A RCBO	
RNB220C-030	2P 20 Amps C Curve 30 mA Type A RCBO	
RNB225C-030	2P 25 Amps C Curve 30 mA Type A RCBO	
RNB232C-030	2P 32 Amps C Curve 30 mA Type A RCBO	
RNB240C-030	2P 40 Amps C Curve 30 mA Type A RCBO	
RNB250C-030	2P 50 Amps C Curve 30 mA Type A RCBO	
RNB263C-030	2P 63 Amps C Curve 30 mA Type A RCBO	
RNB406B-030	4P 6 Amps B Curve 30 mA Type A RCBO	
RNB410B-030	4P 10 Amps B Curve 30 mA Type A RCBO	
RNB416B-030	4P 16 Amps B Curve 30 mA Type A RCBO	
RNB420B-030	4P 20 Amps B Curve 30 mA Type A RCBO	
RNB425B-030	4P 25 Amps B Curve 30 mA Type A RCBO	
RNB432B-030	4P 32 Amps B Curve 30 mA Type A RCBO	
RNB440B-030	4P 40 Amps B Curve 30 mA Type A RCBO	
RNB406C-030	4P 6 Amps C Curve 30 mA Type A RCBO	
RNB410C-030	4P 10 Amps C Curve 30 mA Type A RCBO	
RNB416C-030	4P 16 Amps C Curve 30 mA Type A RCBO	
RNB420C-030	4P 20 Amps C Curve 30 mA Type A RCBO	
RNB425C-030	4P 25 Amps C Curve 30 mA Type A RCBO	
RNB432C-030	4P 32 Amps C Curve 30 mA Type A RCBO	
RNB440C-030	4P 40 Amps C Curve 30 mA Type A RCBO	

10KA Type A RCBO

Type A RCBO Single Module



Description & Features

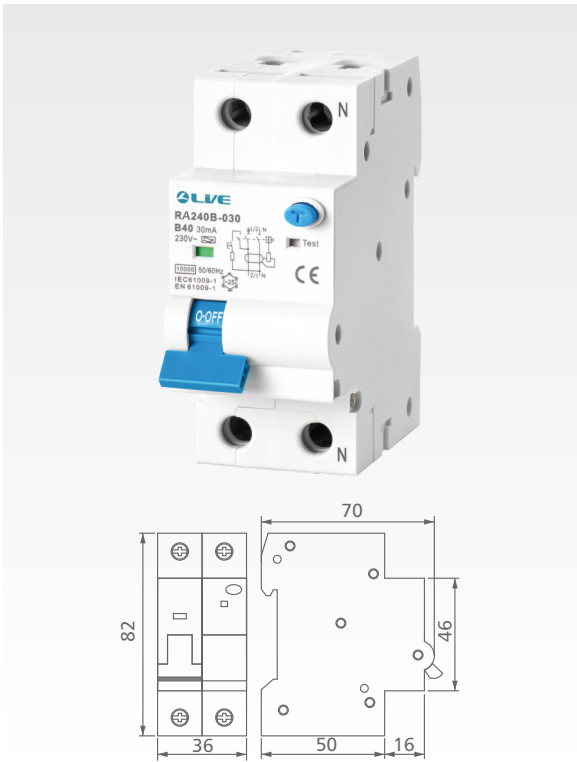
LVE brand high immunity RCBO is an ideal solution for providing over current & earth leakage protection. They ensure reliable protection to people & installation in networks having pulsated DC, harmonics & transients currents, while maintaining continuity of supply by reducing nuisance tripping. Handle can be locked with pad-lock to prevent unwanted operation for safety.

Technical Data

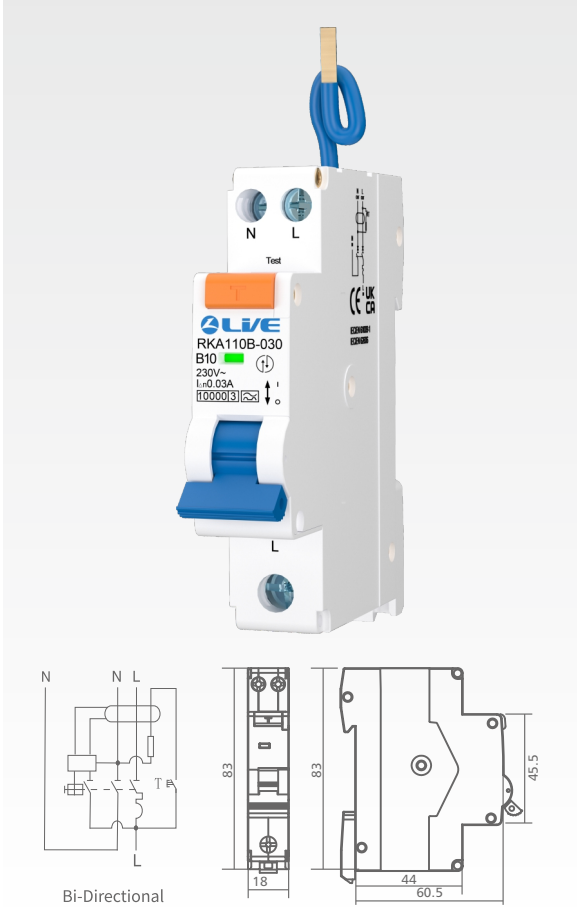
- Type A.
- Rated current(In): 6A,10A,16A,20A,25A,32A,40A,50A,63A.
- Rated voltage(Un) 230V AC.
- Breaking capacity (Icn) 10kA.
- Rated residual current: 30mA,100mA.
- Tripping characteristics: B,C.
- Electrical endurance: 4000 cycles.
- Mechanical endurance: 10000 cycles.
- Complies with BS EN 61009-1.
- Terminal capacity:6-40A:IN:16mm²,OUT:10mm²/50-63A:IN/OUT:16mm².
- Terminal torque:1.2/2.0Nm.

Part No	Description	Box Qty
RA106B-030	Type A Single Module 6Amps B Curve 30mA high immunity RCBO	40
RA110B-030	Type A Single Module 10Amps B Curve 30mA high immunity RCBO	40
RA116B-030	Type A Single Module 16Amps B Curve 30mA high immunity RCBO	40
RA120B-030	Type A Single Module 20Amps B Curve 30mA high immunity RCBO	40
RA125B-030	Type A Single Module 25Amps B Curve 30mA high immunity RCBO	40
RA132B-030	Type A Single Module 32Amps B Curve 30mA high immunity RCBO	40
RA140B-030	Type A Single Module 40Amps B Curve 30mA high immunity RCBO	40
RA150B-030	Type A Single Module 50Amps B Curve 30mA high immunity RCBO	40
RA163B-030	Type A Single Module 63Amps B Curve 30mA high immunity RCBO	40
RA106C-030	Type A Single Module 6Amps C Curve 30mA high immunity RCBO	40
RA110C-030	Type A Single Module 10Amps C Curve 30mA high immunity RCBO	40
RA116C-030	Type A Single Module 16Amps C Curve 30mA high immunity RCBO	40
RA120C-030	Type A Single Module 20Amps C Curve 30mA high immunity RCBO	40
RA125C-030	Type A Single Module 25Amps C Curve 30mA high immunity RCBO	40
RA132C-030	Type A Single Module 32Amps C Curve 30mA high immunity RCBO	40
RA140C-030	Type A Single Module 40Amps C Curve 30mA high immunity RCBO	40
RA150C-030	Type A Single Module 50Amps C Curve 30mA high immunity RCBO	40
RA163C-030	Type A Single Module 63Amps C Curve 30mA high immunity RCBO	40
RA106B-100	Type A Single Module 6Amps B Curve 100mA high immunity RCBO	40
RA110B-100	Type A Single Module 10Amps B Curve 100mA high immunity RCBO	40
RA116B-100	Type A Single Module 16Amps B Curve 100mA high immunity RCBO	40
RA120B-100	Type A Single Module 20Amps B Curve 100mA high immunity RCBO	40
RA125B-100	Type A Single Module 25Amps B Curve 100mA high immunity RCBO	40
RA132B-100	Type A Single Module 32Amps B Curve 100mA high immunity RCBO	40
RA140B-100	Type A Single Module 40Amps B Curve 100mA high immunity RCBO	40
RA150B-100	Type A Single Module 50Amps B Curve 100mA high immunity RCBO	40
RA163B-100	Type A Single Module 63Amps B Curve 100mA high immunity RCBO	40
RA106C-100	Type A Single Module 6Amps C Curve 100mA high immunity RCBO	40
RA110C-100	Type A Single Module 10Amps C Curve 100mA high immunity RCBO	40
RA116C-100	Type A Single Module 16Amps C Curve 100mA high immunity RCBO	40
RA120C-100	Type A Single Module 20Amps C Curve 100mA high immunity RCBO	40
RA125C-100	Type A Single Module 25Amps C Curve 100mA high immunity RCBO	40
RA132C-100	Type A Single Module 32Amps C Curve 100mA high immunity RCBO	40
RA140C-100	Type A Single Module 40Amps C Curve 100mA high immunity RCBO	40
RA150C-100	Type A Single Module 50Amps C Curve 100mA high immunity RCBO	40
RA163C-100	Type A Single Module 63Amps C Curve 100mA high immunity RCBO	40

10KA Type A RCBO



10KA Type A RCBO



- Terminal torque:2.5Nm.
- Terminal capacity: 10mm².

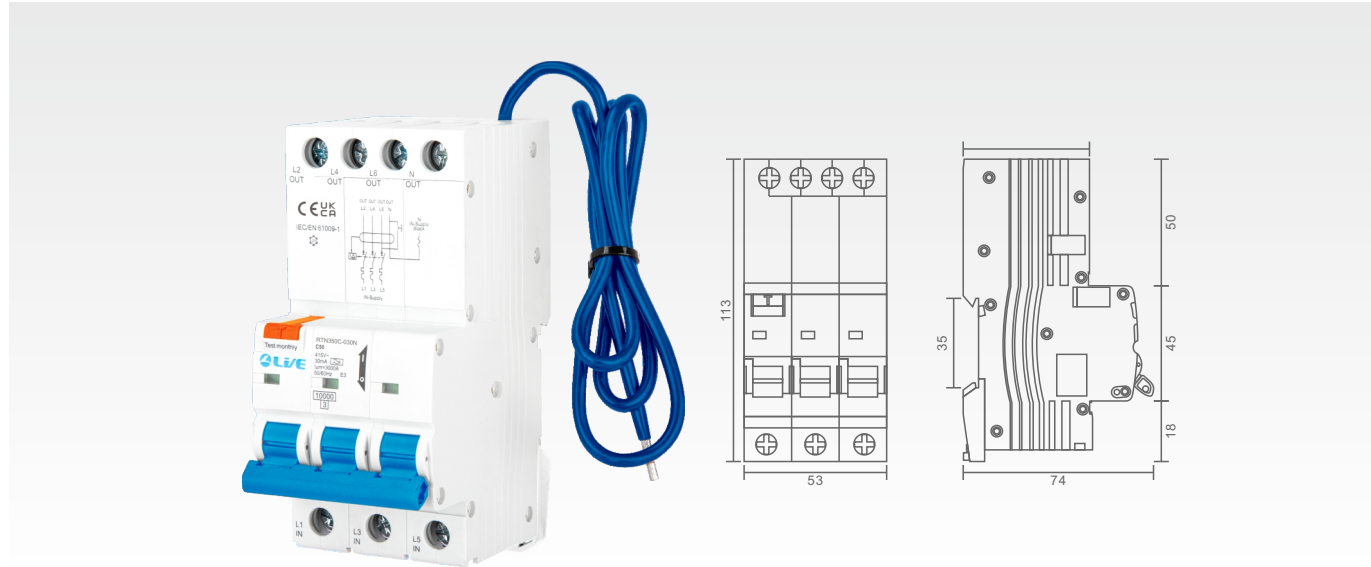
Part No	Description	Box Qty
RA206B-030	Type A Double Module 6Amps B Curve 30mA high immunity RCBO	60
RA210B-030	Type A Double Module 10Amps B Curve 30mA high immunity RCBO	60
RA216B-030	Type A Double Module 16Amps B Curve 30mA high immunity RCBO	60
RA220B-030	Type A Double Module 20Amps B Curve 30mA high immunity RCBO	60
RA232B-030	Type A Double Module 32Amps B Curve 30mA high immunity RCBO	60
RA240B-030	Type A Double Module 40Amps B Curve 30mA high immunity RCBO	60
RA206C-030	Type A Double Module 6Amps C Curve 30mA high immunity RCBO	60
RA210C-030	Type A Double Module 10Amps C Curve 30mA high immunity RCBO	60
RA216C-030	Type A Double Module 16Amps C Curve 30mA high immunity RCBO	60
RA220C-030	Type A Double Module 20Amps C Curve 30mA high immunity RCBO	60
RA232C-030	Type A Double Module 32Amps C Curve 30mA high immunity RCBO	60
RA240C-030	Type A Double Module 40Amps C Curve 30mA high immunity RCBO	60

Technical Data

- Poles: 1P+N.
- Rated currents(In): 6,10,16,20,25,32,40A.
- Rated sensitivity current: 30mA.
- Rated frequency: 50/60Hz.
- Rated impulse with stand voltage Uimp (1.2/50us): 4kV.
- Rated operated voltage: 230/240V~.
- Rated breaking capacity: 10kA.
- Type: A.
- Tripping curves: B,C.
- Bidirectional.
- IP20.
- Terminal torque:1.2/2.5Nm.
- Standards: IEC/EN61009-1.
- Max terminal size for cable: 16mm².

Part No	Description	Box Qty
RKA106B-030	6A 1P+N 30mA B Curve 10kA Type A RCBO	50
RKA110B-030	10A 1P+N 30mA B Curve 10kA Type A RCBO	50
RKA116B-030	16A 1P+N 30mA B Curve 10kA Type A RCBO	50
RKA120B-030	20A 1P+N 30mA B Curve 10kA Type A RCBO	50
RKA125B-030	25A 1P+N 30mA B Curve 10kA Type A RCBO	50
RKA132B-030	32A 1P+N 30mA B Curve 10kA Type A RCBO	50
RKA140B-030	40A 1P+N 30mA B Curve 10kA Type A RCBO	50
RKA106C-030	6A 1P+N 30mA C Curve 10kA Type A RCBO	50
RKA110C-030	10A 1P+N 30mA C Curve 10kA Type A RCBO	50
RKA116C-030	16A 1P+N 30mA C Curve 10kA Type A RCBO	50
RKA120C-030	20A 1P+N 30mA C Curve 10kA Type A RCBO	50
RKA125C-030	25A 1P+N 30mA C Curve 10kA Type A RCBO	50
RKA132C-030	32A 1P+N 30mA C Curve 10kA Type A RCBO	50
RKA140C-030	40A 1P+N 30mA C Curve 10kA Type A RCBO	50

10KA Type A RCBO

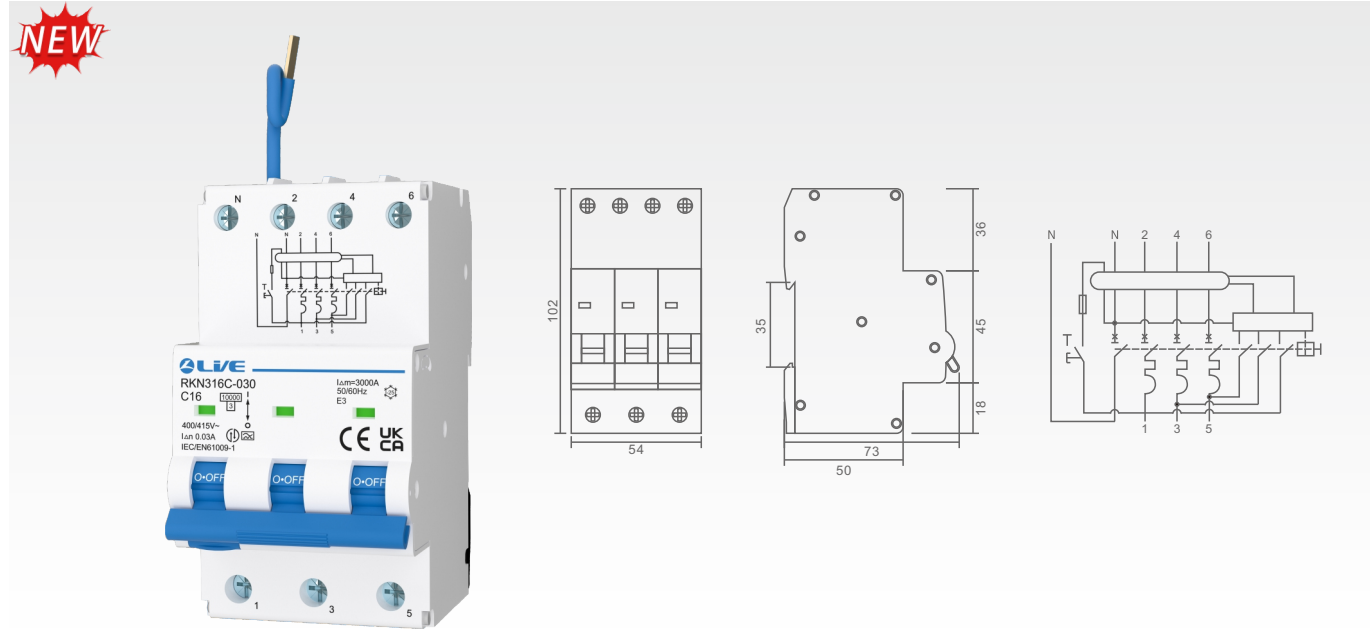


Technical Data

- Rated current In(A):6,10,16,20,25,32,40 ,50A.
- Rated voltage Un: 400VAC.
- Poles:3P+N.
- Tripping curve: B,C,D.
- Residual current operating characteristic: TypeA.
- Rated frequency:50/60 Hz.
- Rated short-circuit breaking capacity Inc: 10kA.
- Contact position degree:IP20.
- Rated residual operating current IAn(mA):10,30,100,300mA.
- Complies with BS EN61009-1.
- Terminal capacity: IN: 16mm²,OUT: 10mm².
- Type: A.
- Terminal torque: 2.5Nm.

Part No	Description	Box Qty
RTN306B-030N	3P+N 6Amps B Curve 30mA Type A RCBO	40
RTN310B-030N	3P+N 10Amps B Curve 30mA Type A RCBO	40
RTN316B-030N	3P+N 16Amps B Curve 30mA Type A RCBO	40
RTN320B-030N	3P+N 20Amps B Curve 30mA Type A RCBO	40
RTN325B-030N	3P+N 25Amps B Curve 30mA Type A RCBO	40
RTN332B-030N	3P+N 32Amps B Curve 30mA Type A RCBO	40
RTN340B-030N	3P+N 40Amps B Curve 30mA Type A RCBO	40
RTN350B-030N	3P+N 50Amps B Curve 30mA Type A RCBO	40
RTN363B-030N	3P+N 63Amps B Curve 30mA Type A RCBO	40
RTN306C-030N	3P+N 6Amps C Curve 30mA Type A RCBO	40
RTN310C-030N	3P+N 10Amps C Curve 30mA Type A RCBO	40
RTN316C-030N	3P+N 16Amps C Curve 30mA Type A RCBO	40
RTN320C-030N	3P+N 20Amps C Curve 30mA Type A RCBO	40
RTN325C-030N	3P+N 25Amps C Curve 30mA Type A RCBO	40
RTN332C-030N	3P+N 32Amps C Curve 30mA Type A RCBO	40
RTN340C-030N	3P+N 40Amps C Curve 30mA Type A RCBO	40
RTN350C-030N	3P+N 50Amps C Curve 30mA Type A RCBO	40
RTN363C-030N	3P+N 63Amps C Curve 30mA Type A RCBO	40

10KA Type A RCBO

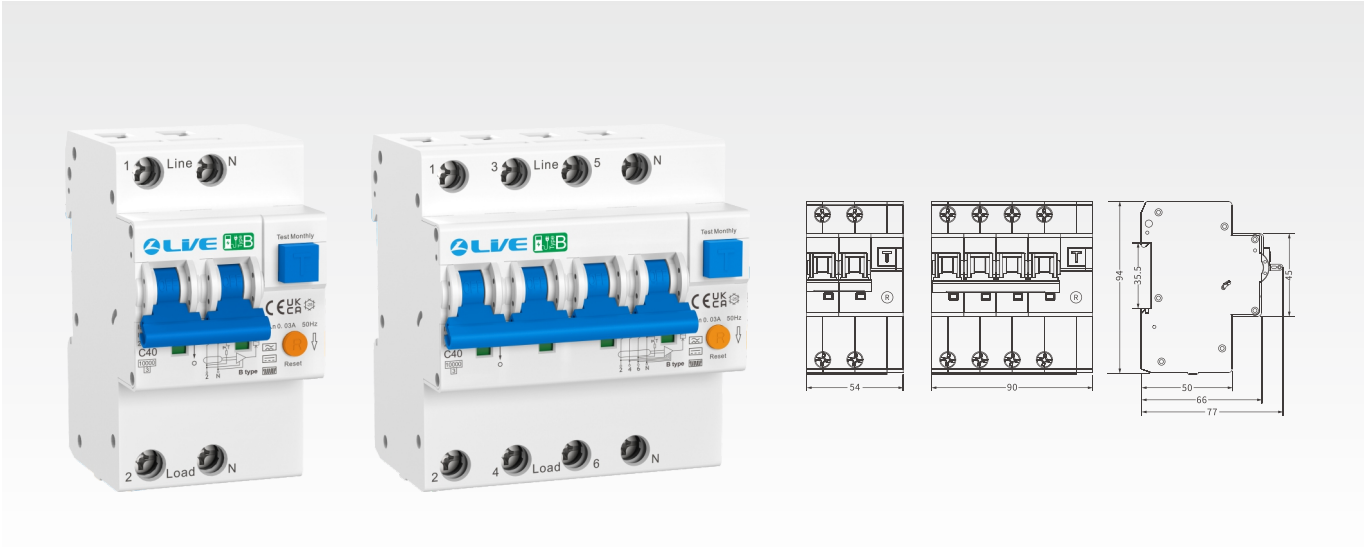


Features

- Poles: 3P+N.
- Rated operated voltage: 400/415V~.
- Rated current: 6,10,16,20,25,32,40A.
- Rated breaking capacity: 10kA.
- Residual current Type: A.
- Tripping curves: B,C.
- Rated sensitivity current: 30,100,300mA.
- Bidirectional with switch neutral.
- standards: IEC/EN 61009-1.
- Terminal torque: 1.2/2.0Nm.

Part No	Description	Box Qty
RKN306B-030	3P+N 6Amps 10KA B Curve 30mA TypeA RCBO	40
RKN310B-030	3P+N 10Amps 10KA B Curve 30mA TypeA RCBO	40
RKN316B-030	3P+N 16Amps 10KA B Curve 30mA TypeA RCBO	40
RKN320B-030	3P+N 20Amps 10KA B Curve 30mA TypeA RCBO	40
RKN325B-030	3P+N 25Amps 10KA B Curve 30mA TypeA RCBO	40
RKN332B-030	3P+N 32Amps 10KA B Curve 30mA TypeA RCBO	40
RKN340B-030	3P+N 40Amps 10KA B Curve 30mA TypeA RCBO	40
RKN306C-030	3P+N 6Amps 10KA C Curve 30mA TypeA RCBO	40
RKN310C-030	3P+N 10Amps 10KA C Curve 30mA TypeA RCBO	40
RKN316C-030	3P+N 16Amps 10KA C Curve 30mA TypeA RCBO	40
RKN320C-030	3P+N 20Amps 10KA C Curve 30mA TypeA RCBO	40
RKN325C-030	3P+N 25Amps 10KA C Curve 30mA TypeA RCBO	40
RKN332C-030	3P+N 32Amps 10KA C Curve 30mA TypeA RCBO	40
RKN340C-030	3P+N 40Amps 10KA C Curve 30mA TypeA RCBO	40

Type B RCBO

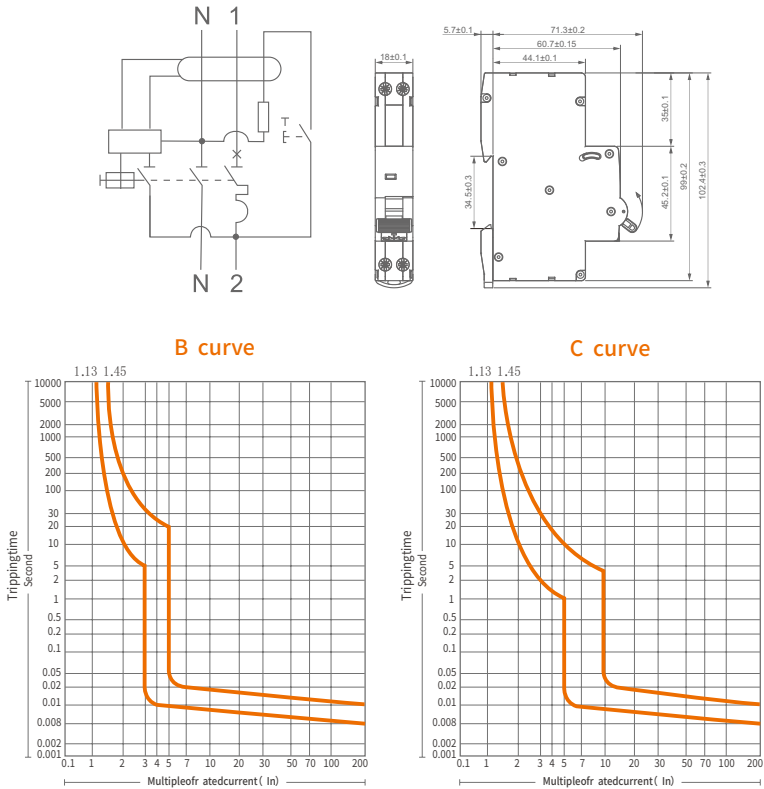


Technical Data

- Poles: 2P, 4P.
- Rated voltage (Ue): 2P: 230/240V~, 4P: 400/415V~.
- Rated currents (In): 6, 10, 16, 20, 25, 32, 40, 50, 63A.
- Rated sensitivity currents (IΔn): 30, 100, 300mA.
- Rated frequency: 50/60Hz.
- Rated breaking capacity: 10,000A.
- Protection degree: IP20.
- Max. terminal size for cable: 25mm².
- Standard: IEC/EN61009-1, IEC/EN62423.
- Electrical life: 4,000 Cycles.
- Mechanical life: 10,000 Cycles.
- Type of protection (electric leakage): B.
- Terminal torque: 2.0Nm.

Part No	Description	Box Qty
REV206-030	2P 6Amps 30mA Type B RCCB(3module)	40
REV210-030	2P 10Amps 30mA Type B RCBO(3module)	40
REV216-030	2P 16Amps 30mA Type B RCBO(3module)	40
REV220-030	2P 20Amps 30mA Type B RCBO(3module)	40
REV225-030	2P 25Amps 30mA Type B RCBO(3module)	40
REV232-030	2P 32Amps 30mA Type B RCBO(3module)	40
REV240-030	2P 40Amps 30mA Type B RCBO(3module)	40
REV250-030	2P 50Amps 30mA Type B RCBO(3module)	40
REV263-030	2P 63Amps 30mA Type B RCBO(3module)	40
REV406-030	4P 6Amps 30mA Type B RCBO(5module)	40
REV410-030	4P 10Amps 30mA Type B RCBO(5module)	40
REV416-030	4P 16Amps 30mA Type B RCBO(5module)	40
REV420-030	4P 20Amps 30mA Type B RCBO(5module)	40
REV425-030	4P 25Amps 30mA Type B RCBO(5module)	40
REV432-030	4P 32Amps 30mA Type B RCBO(5module)	40
REV440-030	4P 40Amps 30mA Type B RCBO(5module)	40
REV450-030	4P 50Amps 30mA Type B RCBO(5module)	40
REV463-030	4P 63Amps 30mA Type B RCBO(5module)	40

Type B RCBO



Description & Features

RKB series RCBO is a single-module Type B Residual Current Breaker with Overcurrent Protection introduced by LIVE Electrical. This advanced circuit protection device efficiently handles overcurrent, short circuits, and earth fault leakages, while being specifically designed to detect complex waveforms and DC residual currents. The compact single-module design, combined with its bidirectional power capability, makes it an ideal solution for modern electrical installations and the renewable energy sector. RKB operates at a rated voltage of 230/240V and supports a maximum current of up to 40A. It features a residual current sensitivity of 30mA and a short circuit rating of 6kA. Additionally, it offers both B curve and C curve characteristics, making it an ideal solution for safeguarding sensitive electronic equipment like electric vehicle chargers, solar panels, and heat pumps.

Technical Data

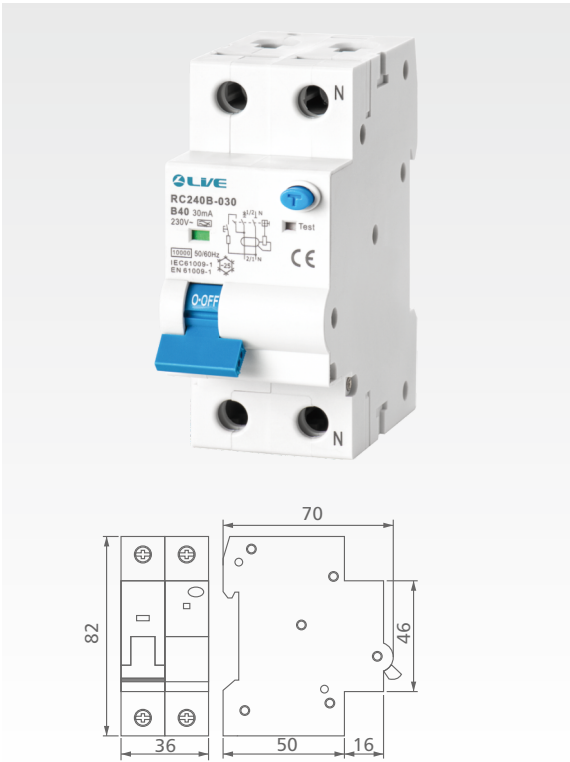
- Poles: 1P+N.
- Rated currents (In): 16, 20, 25, 32, 40A.
- Rated frequency: 50/60Hz.
- Rated impulse with stand voltage Uimp (1.2/50us): 4kV.
- Rated operated voltage: 230/240V~.
- Insulation voltage (Ui): 500V.
- Rated breaking capacity: 6kA.
- Type: B.
- Tripping curves: B, C.
- Rated sensitivity current: 30mA.
- Max. terminal size for cable: 2.0Nm.
- Standards: IEC/EN61009-1, IEC/EN62423.
- Max terminal size for cable: 16mm².
- Bidirectional.
- IP20.

Part No	Description	Box Qty
RKB116B-030	16A 1P+N 30mA B Curve Type B RCBO	50
RKB120B-030	20A 1P+N 30mA B Curve Type B RCBO	50
RKB125B-030	25A 1P+N 30mA B Curve Type B RCBO	50
RKB132B-030	32A 1P+N 30mA B Curve Type B RCBO	50
RKB140B-030	40A 1P+N 30mA B Curve Type B RCBO	50
RKB116C-030	16A 1P+N 30mA C Curve Type B RCBO	50
RKB120C-030	20A 1P+N 30mA C Curve Type B RCBO	50
RKB125C-030	25A 1P+N 30mA C Curve Type B RCBO	50
RKB132C-030	32A 1P+N 30mA C Curve Type B RCBO	50
RKB140C-030	40A 1P+N 30mA C Curve Type B RCBO	50

Type AC RCBO

Description & Features

- Provides protection against earth fault/leakage current, short circuit, overload.
- Effectively protects electric equipment against insulating failure.
- Handle can be locked with pad-lock to prevent unwanted operation.



Technical Data

- Rated current(In): 6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A.
- Rated voltage(Un) 230V AC.
- Breaking capacity (Icn)6kA, 10kA.
- Rated residual current: 30mA.
- Tripping characteristics: B,C.
- Electrical endurance: 4000 cycles.
- Mechanical endurance: 10000 cycles.
- Complies with BS EN 61009-1.
- Type: AC.
- Terminal capacity:IN:16mm²,OUT:10mm².
- Terminal torque:1.2/2.0Nm.

RCBO Single Module

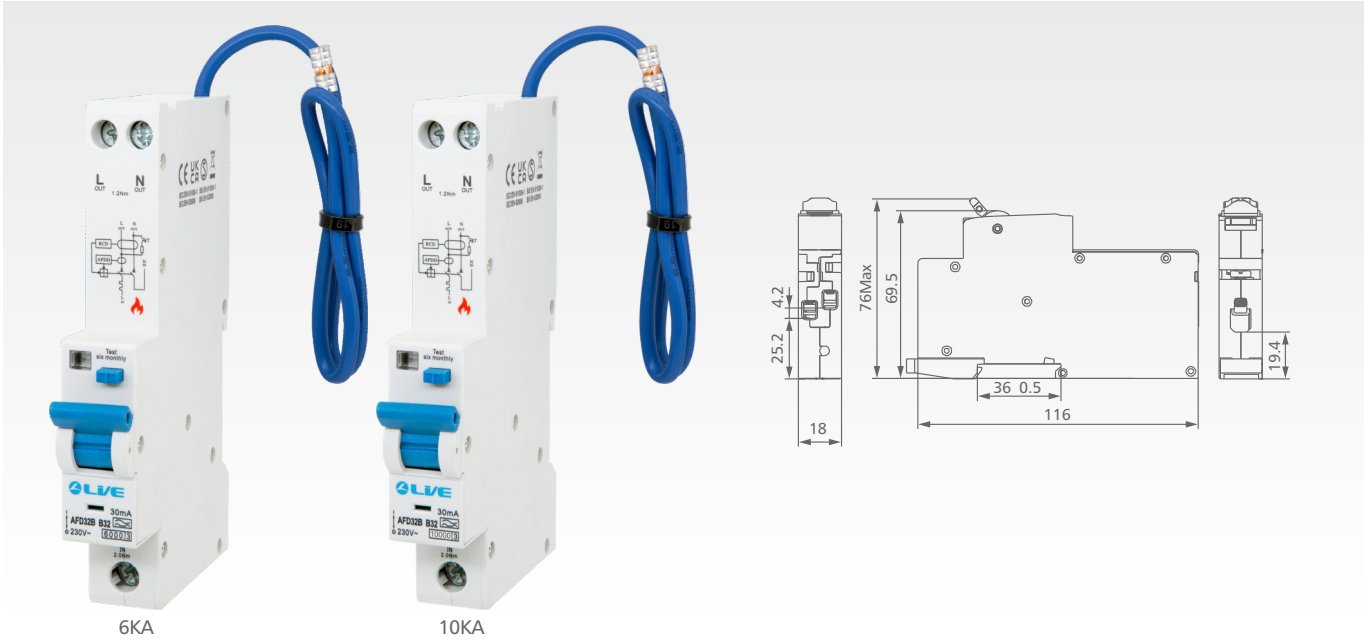
Part No	Description	Box Qty
RC106B-030	Single Module 6Amps B Curve 30mA	40
RC110B-030	Single Module 10Amps B Curve 30mA	40
RC116B-030	Single Module 16Amps B Curve 30mA	40
RC120B-030	Single Module 20Amps B Curve 30mA	40
RC125B-030	Single Module 25Amps B Curve 30mA	40
RC132B-030	Single Module 32Amps B Curve 30mA	40
RC140B-030	Single Module 40Amps B Curve 30mA	40
RC150B-030	Single Module 50Amps B Curve 30mA	40
RC106C-030	Single Module 6Amps C Curve 30mA	40
RC110C-030	Single Module 10Amps C Curve 30mA	40
RC116C-030	Single Module 16Amps C Curve 30mA	40
RC120C-030	Single Module 20Amps C Curve 30mA	40
RC125C-030	Single Module 25Amps C Curve 30mA	40
RC132C-030	Single Module 32Amps C Curve 30mA	40
RC140C-030	Single Module 40Amps C Curve 30mA	40
RC150C-030	Single Module 50Amps C Curve 30mA	40

- Terminal torque:2.5Nm.

RCBO Double Module

Part No	Description	Box Qty
RC206B-030	Double Module 6Amps B Curve 30mA	60
RC210B-030	Double Module 10Amps B Curve 30mA	60
RC216B-030	Double Module 16Amps B Curve 30mA	60
RC220B-030	Double Module 20Amps B Curve 30mA	60
RC232B-030	Double Module 32Amps B Curve 30mA	60
RC240B-030	Double Module 40Amps B Curve 30mA	60

6KA,10KA Arc Fault Detection Device With RCBO



Description & Features

The AFD series arc fault protector combines arc fault detection with RCBO protection. The AFD series arc fault protector has the functions of short circuit protection, overload protection, leakage protection and arc fault protection.

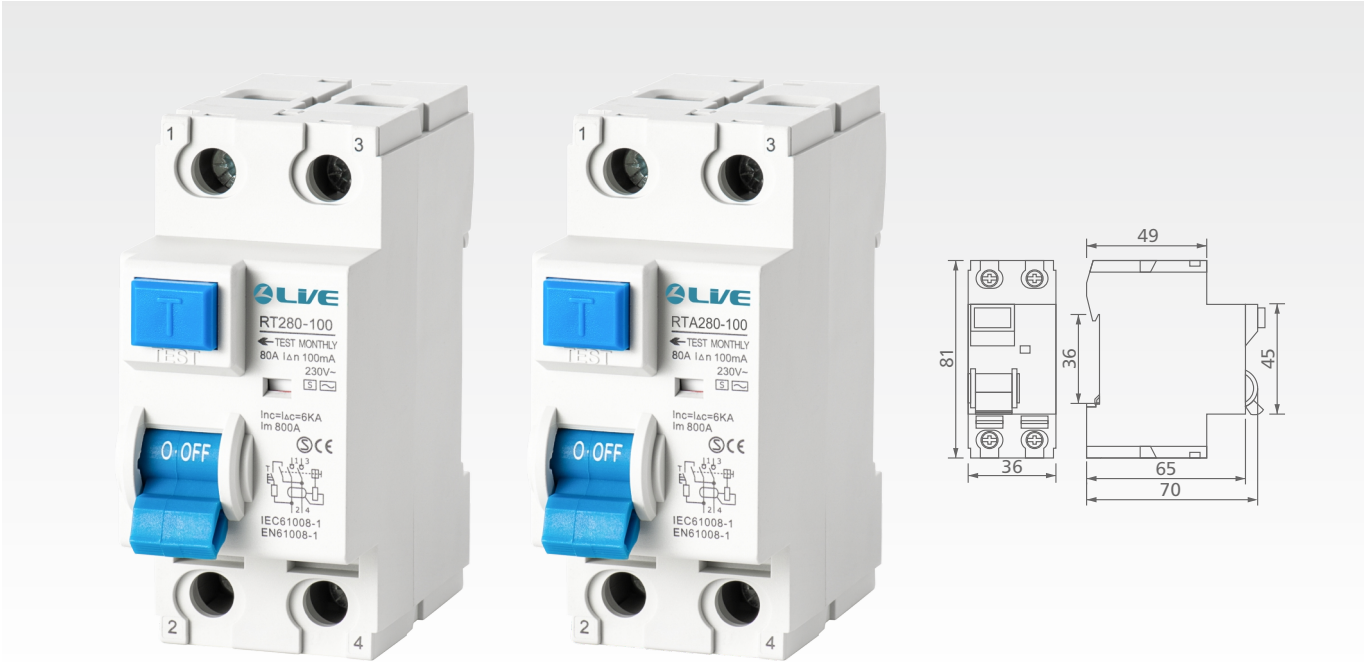
AFD series arc fault protection devices are designed for use on circuits rated up to 32A and below to protect against arc faults, overloads, short circuits and leakage. When the AFD series arc fault protection devices detect the presence of arc faults in the line, they will automatically trip and isolate the circuit.

Technical Data

- Rated working voltage (Ue): AC230V.
- Rated operating frequency: $\pm 50\text{Hz } 2\%$.
- Rated insulation voltage (Ui): 400V.
- Rated impulse withstand voltage (Uimp): 4kV.
- Rated current (In): 6A, 10A, 16A, 20A, 25A, 32A,40A.
- Number of N poles: 1P+N.
- Protection Curve B,C.
- Terminal capacity:IN:16mm²,OUT:10mm².
- Operating short-circuit capacity (Ics): 6kA,10kA.
- Rated residual operating currentI Δ n: 30mA.
- RCD Type: A.
- Insulation material group: IIIa.
- Ambient Temperature range: -5~40°C.
- Storage Temperature range: -25°C ~ +55°C.
- Terminal torque:1.2/2.0Nm.

Part No	Description	Box Qty
AFD6B	6A B curve 6kA Arc Detection Device With RCBO	40
AFD10B	10A B curve 6kA Arc Detection Device With RCBO	40
AFD16B	16A B curve 6kA Arc Detection Device With RCBO	40
AFD20B	20A B curve 6kA Arc Detection Device With RCBO	40
AFD25B	25A B curve 6kA Arc Detection Device With RCBO	40
AFD32B	32A B curve 6kA Arc Detection Device With RCBO	40
AFD40B	40A B curve 6kA Arc Detection Device With RCBO	40
AFD6C	6A C curve 6kA Arc Detection Device With RCBO	40
AFD10C	10A C curve 6kA Arc Detection Device With RCBO	40
AFD16C	16A C curve 6kA Arc Detection Device With RCBO	40
AFD20C	20A C curve 6kA Arc Detection Device With RCBO	40
AFD25C	25A C curve 6kA Arc Detection Device With RCBO	40
AFD32C	32A C curve 6kA Arc Detection Device With RCBO	40
AFD40C	40A C curve 6kA Arc Detection Device With RCBO	40
AFD6B-10	6A B curve 10kA Arc Detection Device With RCBO	40
AFD10B-10	10A B curve 10kA Arc Detection Device With RCBO	40
AFD16B-10	16A B curve 10kA Arc Detection Device With RCBO	40
AFD20B-10	20A B curve 10kA Arc Detection Device With RCBO	40
AFD25B-10	25A B curve 10kA Arc Detection Device With RCBO	40
AFD32B-10	32A B curve 10kA Arc Detection Device With RCBO	40
AFD40B-10	40A B curve 10kA Arc Detection Device With RCBO	40

Time Delay Residual Current Devices



Description & Features

Provides protection against earth fault/leakage current and function of isolation; High breaking current withstand capacity; Applicable to terminal and pin type busbar connection; Equipped with finger protected connection terminals; Flame resistant plastic parts endures abnormal heating and strong impact; Automatically disconnect the circuit when earth fault/leakage current occurs and exceeds the rated sensitivity; Independent of power supply and line voltage, and free from external interference, voltage fluctuation.

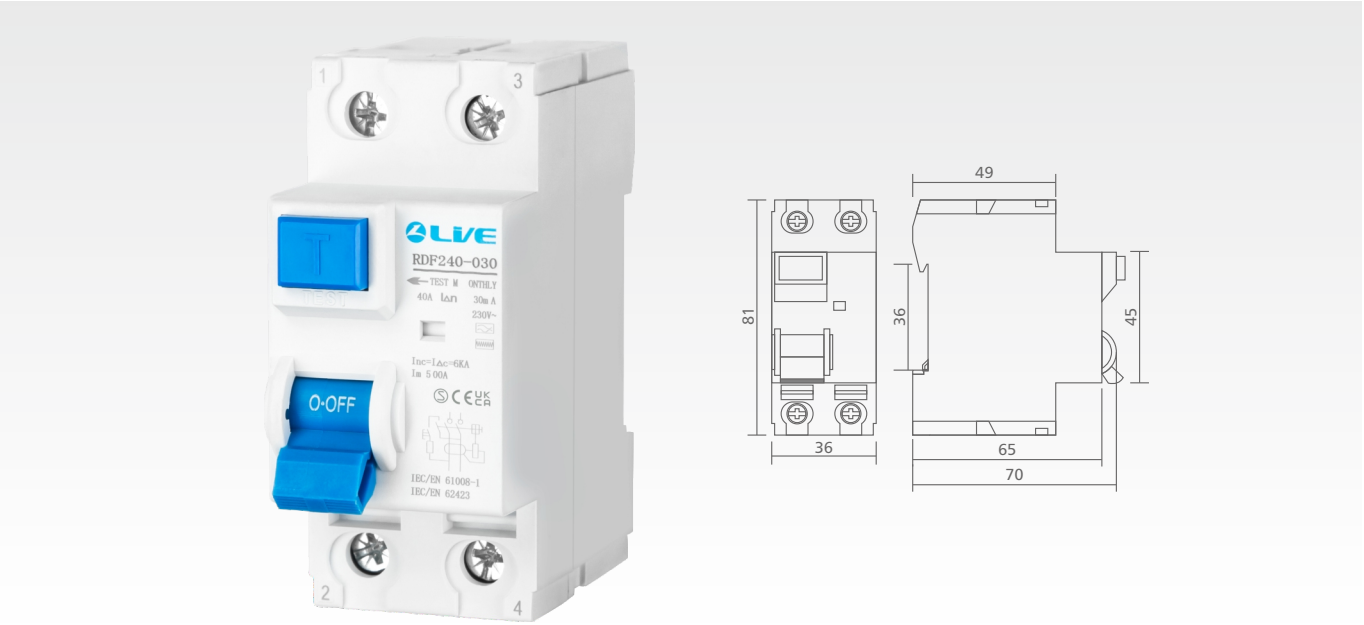
Technical Data

- Pole No.: 2.
 - Rated current(A):80 100A.
 - Rated voltage: 240/415V AC.
 - Rated frequency: 50/60Hz.
 - Rated residual operating current I Δ (mA):30,100.
 - Rated residual non operating current: 0.5I Δ n.
 - Rated conditional breaking current Inc: 6000A.
 - Tripping duration Instantaneous tripping $\leq$ 0.1s.
- Residual tripping current range:0.5I Δ n~I Δ n.
 - Electro-mechanical endurance:4000 cycles.
 - Connection capacity Rigid conductor up to 35mm²
 - Connection terminal Screw terminal.
 - Pillar terminal with clamp.
 - Terminal torque:2.5Nm.
 - Installation: On symmetrical DIN rail 35mm.
 - DIN rail mounting.

Time Delay Residual Current Devices

Part No	Description	Box Qty
RT280-100	2Pole 80Amps 100mA Type AC Time Delay RCD	60
RT2100-100	2Pole 100Amps 100mA Type AC Time Delay RCD	60
RTA280-100	2Pole 80Amps 100mA Type A Time Delay RCD	60
RTA2100-100	2Pole 100Amps 100mA Type A Time Delay RCD	60
RTA4100-100	4Pole 100Amps 100mA Type A Time Delay RCD	30

Type F Residual Current Devices



Design Features

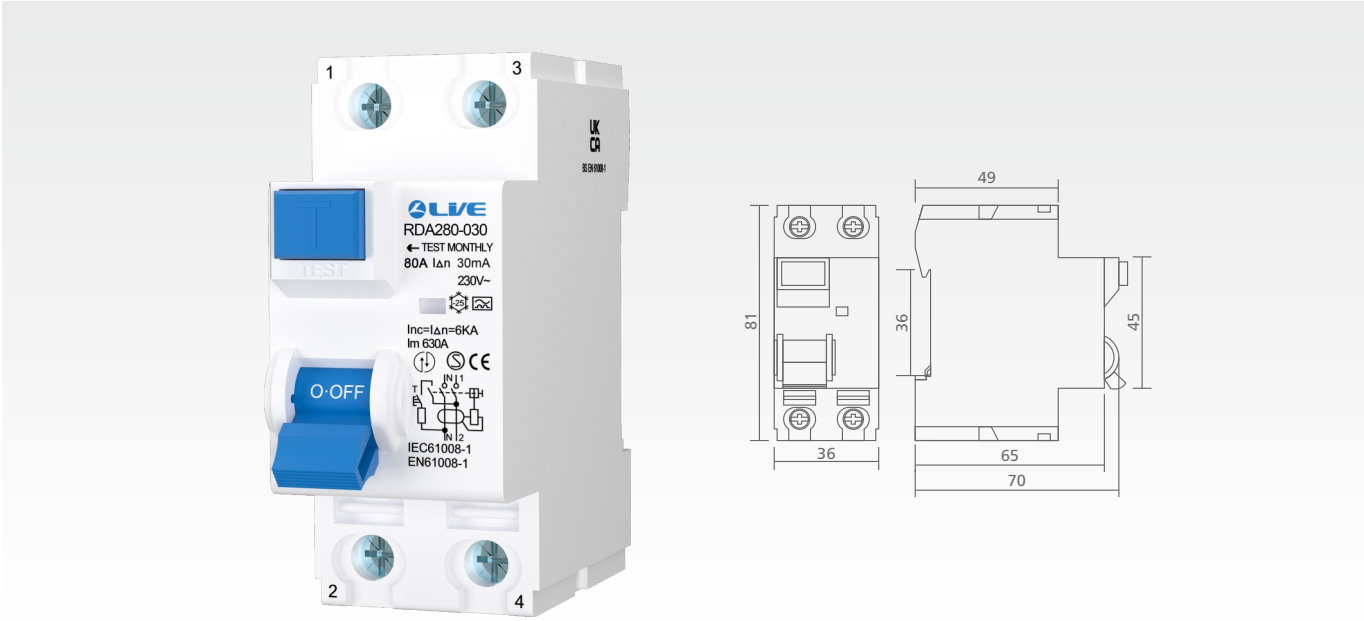
LIVE brand Type F RCDS are designed our LSMC&FMC range and for individual EV chargers, where the model and make of the vehicle being charged is unknown. They can detect & respond as for type AC, plus pulsating DC components, Detection of high frequency currents up to 1 kHz.

Technical Data

- Pole No.: 2.
 - Rated current(A): 25 40 63 80 100A.
 - Rated voltage: 240V AC.
 - Rated frequency: 50/60Hz.
 - Rated residual operating current I Δ (mA):30,100,300.
 - Rated residual non operating current: 0.5I Δ n.
 - Rated conditional breaking current Inc: 6000A.
- Tripping duration Instantaneous tripping $\leq$ 0.1s.
 - Residual tripping current range:0.5I Δ n~I Δ n.
 - Electro-mechanical endurance:4000 cycles.
 - Connection capacity Rigid conductor up to 25mm²
 - Connection terminal Screw terminal.
 - Pillar terminal with clamp.
 - Fastening torque 2.5 Nm.

Part No	Description
RDF225-030	2Pole 25Amps 30mA Type F high immunity RCD
RDF240-030	2Pole 40Amps 30mA Type F high immunity RCD
RDF263-030	2Pole 63Amps 30mA Type F high immunity RCD
RDF280-030	2Pole 80Amps 30mA Type F high immunity RCD
RDF2100-030	2Pole 100Amps 30mA Type F high immunity RCD
RDF225-100	2Pole 25Amps 100mA Type F high immunity RCD
RDF240-100	2Pole 40Amps 100mA Type F high immunity RCD
RDF263-100	2Pole 63Amps 100mA Type F high immunity RCD
RDF280-100	2Pole 80Amps 100mA Type F high immunity RCD
RDF2100-100	2Pole 100Amps 100mA Type F high immunity RCD
RDF225-300	2Pole 25Amps 300mA Type F high immunity RCD
RDF240-300	2Pole 40Amps 300mA Type F high immunity RCD
RDF263-300	2Pole 63Amps 300mA Type F high immunity RCD
RDF280-300	2Pole 80Amps 300mA Type F high immunity RCD
RDF2100-300	2Pole 100Amps 300mA Type F high immunity RCD

Type A Residual Current Devices



Design Features

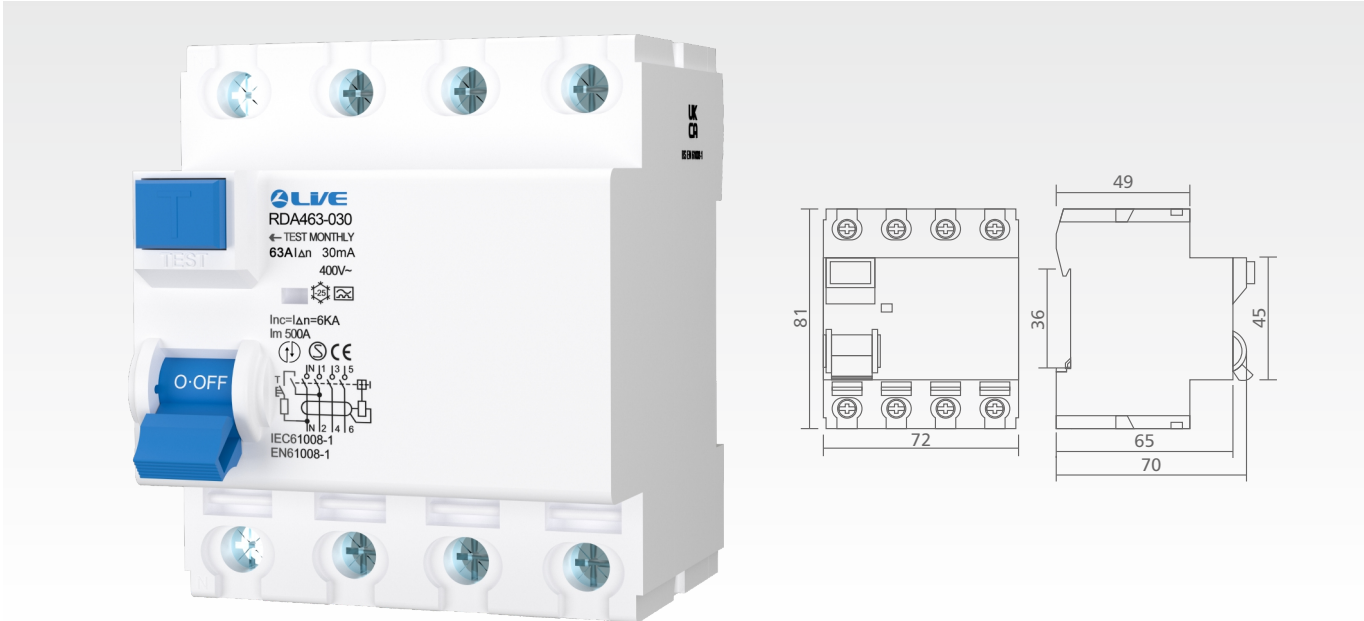
LIVE brand Type A RCDS are designed our LSMC&FMC range and for individual EV chargers, where the model and make of the vehicle being charged is unknown. They can detect & respond as for type AC, plus pulsating DC components.

Technical Data

- Pole No.: 2.
- Rated current(A): 25 40 63 80 100A.
- Rated voltage: 230V AC.
- Rated frequency: 50/60Hz.
- Rated residual operating current I_Δ(mA):30,100,300.
- Rated residual non operating current: 0.5I_{Δn}.
- Rated conditional breaking current Inc: 6000A.
- Tripping duration Instantaneous tripping≤0.1s.
- Residual tripping current range:0.5I_{Δn}~I_{Δn}.
- Electro-mechanical endurance:4000 cycles.
- Connection capacity Rigid conductor up to 25mm².
- Connection terminal Screw terminal.
- Terminal torque:2.5Nm.

Part No	Description
RDA225-030	2Pole 25Amps 30mA Type A high immunity RCD
RDA240-030	2Pole 40Amps 30mA Type A high immunity RCD
RDA263-030	2Pole 63Amps 30mA Type A high immunity RCD
RDA280-030	2Pole 80Amps 30mA Type A high immunity RCD
RDA2100-030	2Pole 100Amps 30mA Type A high immunity RCD
RDA225-100	2Pole 25Amps 100mA Type A high immunity RCD
RDA240-100	2Pole 40Amps 100mA Type A high immunity RCD
RDA263-100	2Pole 63Amps 100mA Type A high immunity RCD
RDA280-100	2Pole 80Amps 100mA Type A high immunity RCD
RDA2100-100	2Pole 100Amps 100mA Type A high immunity RCD
RDA225-300	2Pole 25Amps 300mA Type A high immunity RCD
RDA240-300	2Pole 40Amps 300mA Type A high immunity RCD
RDA263-300	2Pole 63Amps 300mA Type A high immunity RCD
RDA280-300	2Pole 80Amps 300mA Type A high immunity RCD
RDA2100-300	2Pole 100Amps 300mA Type A high immunity RCD

4 Pole Type A Residual Current Devices



Design Features

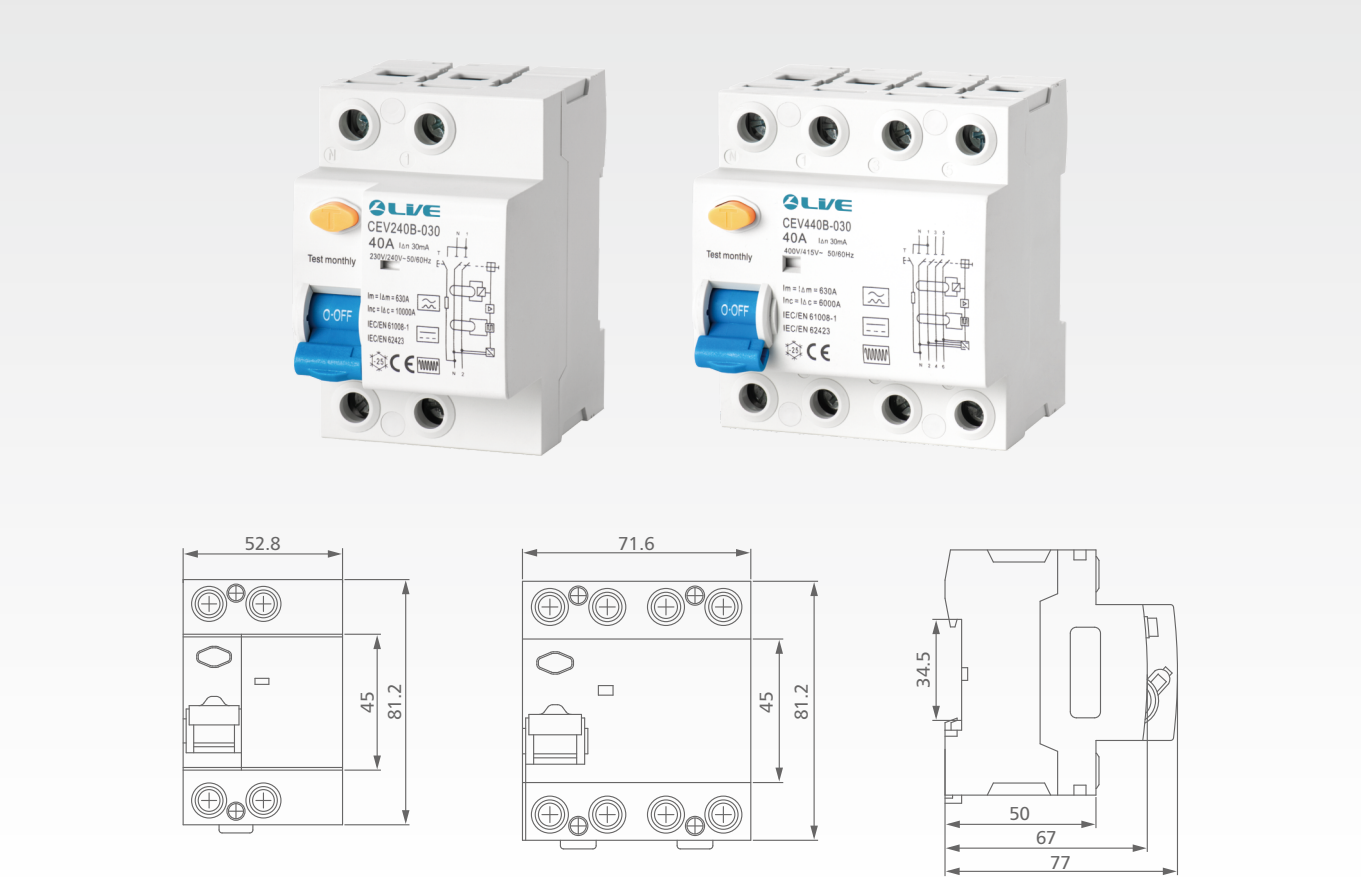
LIVE brand Type A RCDS are designed our TPN 125 range and for individual EV chargers, where the model and make of the vehicle being charged is unknown. They can detect & respond as for type AC, plus pulsating DC components.

Technical Data

- Pole No.: 4.
- Rated current(A): 25 40 63 80 100A.
- Rated voltage: 400V AC.
- Rated frequency: 50/60Hz.
- Rated residual operating current I_Δ(mA):30,100,300.
- Rated residual non operating current: 0.5I_{Δn}.
- Rated conditional breaking current Inc: 6000A.
- Tripping duration Instantaneous tripping≤0.1s.
- Residual tripping current range:0.5I_{Δn}~I_{Δn}.
- Electro-mechanical endurance:4000 cycles.
- Connection capacity Rigid conductor up to 25mm².
- Connection terminal Screw terminal.
- Terminal torque:2.5Nm.

Part No	Description
RDA425-030	4 Pole 25Amps 30mA Type A high immunity RCD
RDA440-030	4 Pole 40Amps 30mA Type A high immunity RCD
RDA463-030	4 Pole 63Amps 30mA Type A high immunity RCD
RDA480-030	4 Pole 80Amps 30mA Type A high immunity RCD
RDA4100-030	4 Pole 100Amps 30mA Type A high immunity RCD
RDA425-100	4 Pole 25Amps 100mA Type A high immunity RCD
RDA440-100	4 Pole 40Amps 100mA Type A high immunity RCD
RDA463-100	4 Pole 63Amps 100mA Type A high immunity RCD
RDA480-100	4 Pole 80Amps 100mA Type A high immunity RCD
RDA4100-100	4 Pole 100Amps 100mA Type A high immunity RCD
RDA425-300	4Pole 25Amps 300mA Type A high immunity RCD
RDA440-300	4Pole 40Amps 300mA Type A high immunity RCD
RDA463-300	4Pole 63Amps 300mA Type A high immunity RCD
RDA480-300	4Pole 80Amps 300mA Type A high immunity RCD
RDA4100-300	4Pole 100Amps 300mA Type A high immunity RCD

Type B Residual Current Circuit Breaker(RCCB)



Description & Features

Smooth DC residual currents can occur in industrial, commercial and residential applications which contain photovoltaic systems, frequency converters or electronic devices. Our type B RCCB can detect DC fault currents, which can occur in frequency inverter controls, photovoltaic systems as well as through electronics used in households. They can detect residual current faults comprising of pure AC up to 1000 hertz, rectified AC, pure DC and pulsating DC, and increases safety considerably. They comply with IEC/EN 61008-1 and IEC/EN 62423.

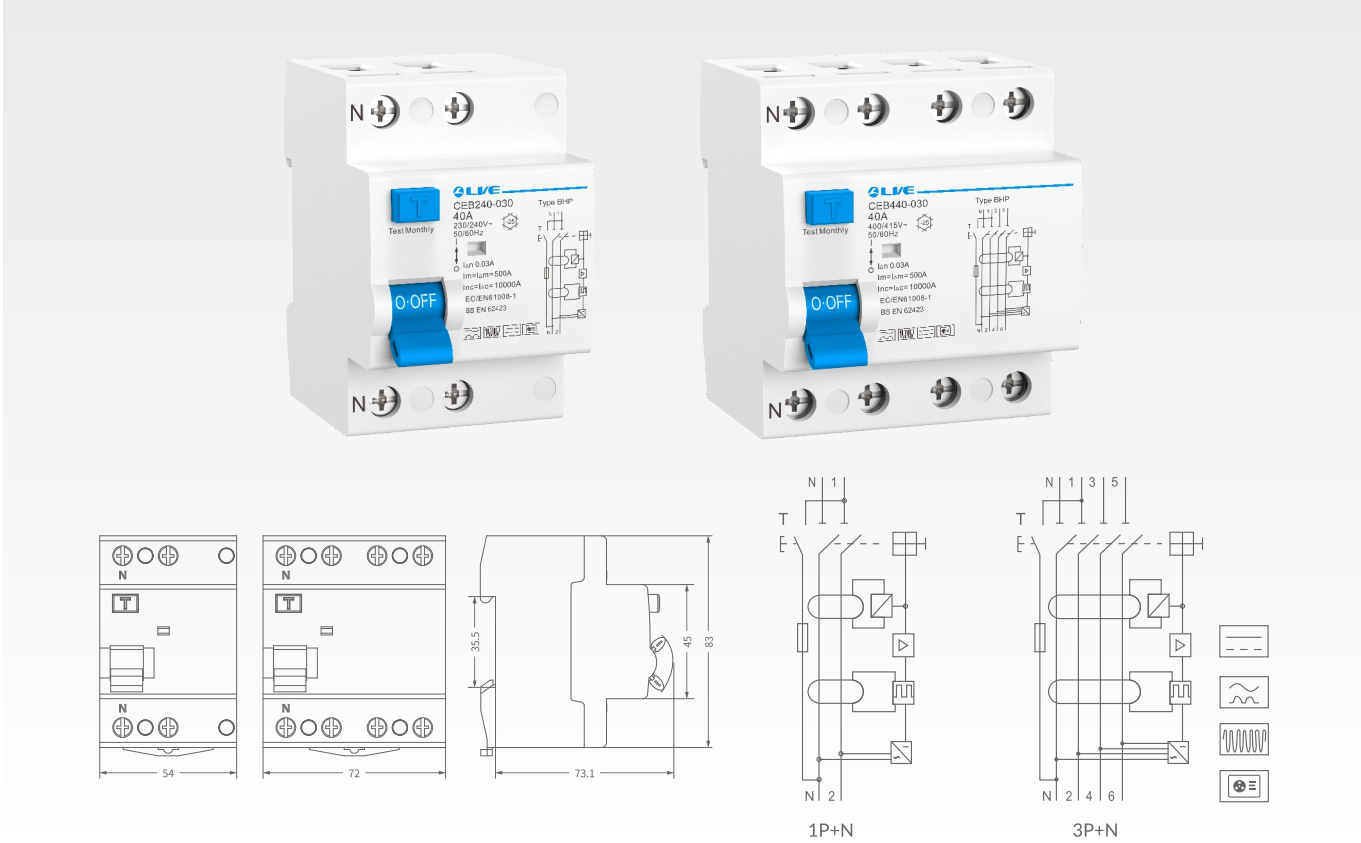
Technical Data

- Rated Current: 25A,40A,63A.
- Rated tripping current $I_{\Delta n}$: 30mA/100mA/300mA.
- Sensitivity: AC, pulsating and smooth DC residual currents.
- Rated voltage U_n : 230/400 V AC.
- Rated frequency: 50Hz.
- Rated insulation voltage U_i : 440V.
- Rated impulse withstand voltage U_{imp} : 4 kV (1.2/50 μ s).
- Peak withstand current:3kA.

- Endurance electrical:4.000 operating cycles.
- Endurance mechanical: 20000 operating cycles.
- Operation temperature:-5 °C to +40 °C.
- Degree of protection: IP20.
- Terminal capacity: 1,5 - 35 mm².
- Rated: 6mA Smooth DC.
- Terminal torque:3Nm.

Part No	Description	Box Qty
CEV225B-030	2 Pole 25Amps 30mA Type B RCCB (3 module)	1
CEV240B-030	2 Pole 40Amps 30mA Type B RCCB (3 module)	1
CEV263B-030	2 Pole 63Amps 30mA Type B RCCB (3 module)	1
CEV425B-030	4 Pole 25Amps 30mA Type B RCCB (4 module)	1
CEV440B-030	4 Pole 40Amps 30mA Type B RCCB (4 module)	1
CEV463B-030	4 Pole 63Amps 30mA Type B RCCB (4 module)	1

Type BHP Residual Current Circuit Breaker



Description

CEB series is a Type B HP Residual Current Device(RCD) for heat pumps, available in 1P+N and 3P+N up to 100A. It detects AC, pulsating DC, and smooth DC, and is specially optimized for high-frequency leakage from inverter compressors. It operates beyond 20kHz, with a raised 150mA trip threshold above 1kHz, reducing nuisance tripping. Tolerance to DC prevents RCD “blinding” and ensures reliable fault detection. Compliant with BS7671 for heat pump installs, CEB is a robust, recognized alternative to “B+” RCDs. Its high-frequency and heat pump tuning makes it ideal not only for heat pumps, but also for PV, EV charging, and variable-speed drives.

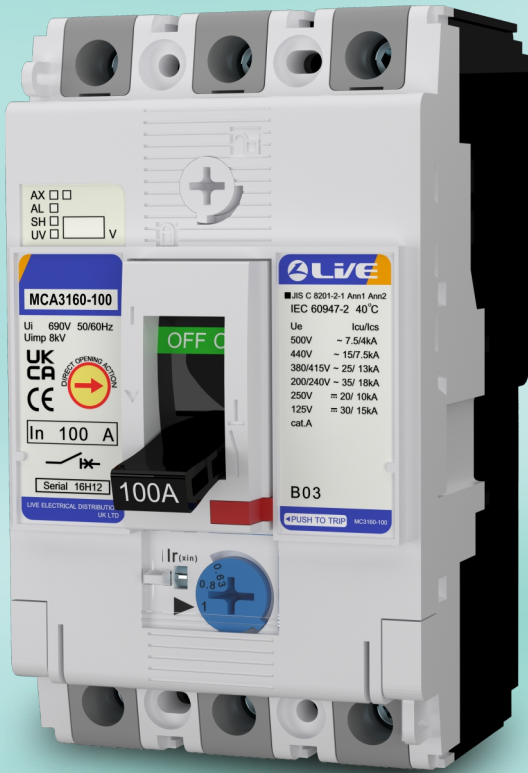
Technical Data

- Poles:1P+N, 3P+N.
- Rated voltage (U_e): 1P+N: 230/240V~; 3P+N: 400/415V~.
- Rated currents (I_n): 16, 25, 40, 63,80, 100A ;
- Rated sensitivity currents ($I_{\Delta n}$): 30mA.
- Rated short-circuit capacity (I_{cn}): 10kA.
- Rated impulse withstand voltage (U_{imp}) (1.2/50 μ s):4kV.
- Protection degree:IP20.
- Incoming method: Bi-directional.
- Standard: IEC/EN 61008-1, BS EN 62423.
- Terminal torque:2.5Nm.

Part No	Description	Box Qty
CEB216-030	1P+N 16A 10kA Type BHP Residual Current Circuit Breaker	60
CEB225-030	1P+N 25A 10kA Type BHP Residual Current Circuit Breaker	60
CEB240-030	1P+N 40A 10kA Type BHP Residual Current Circuit Breaker	60
CEB263-030	1P+N 63A 10kA Type BHP Residual Current Circuit Breaker	60
CEB280-030	1P+N 80A 10kA Type BHP Residual Current Circuit Breaker	60
CEB2100-030	1P+N 100A 10kA Type BHP Residual Current Circuit Breaker	60
CEB416-030	3P+N 16A 10kA Type BHP Residual Current Circuit Breaker	45
CEB425-030	3P+N 25A 10kA Type BHP Residual Current Circuit Breaker	45
CEB440-030	3P+N 40A 10kA Type BHP Residual Current Circuit Breaker	45
CEB463-030	3P+N 63A 10kA Type BHP Residual Current Circuit Breaker	45
CEB480-030	3P+N 80A 10kA Type BHP Residual Current Circuit Breaker	45
CEB4100-030	3P+N 100A 10kA Type BHP Residual Current Circuit Breaker	45

MCCB

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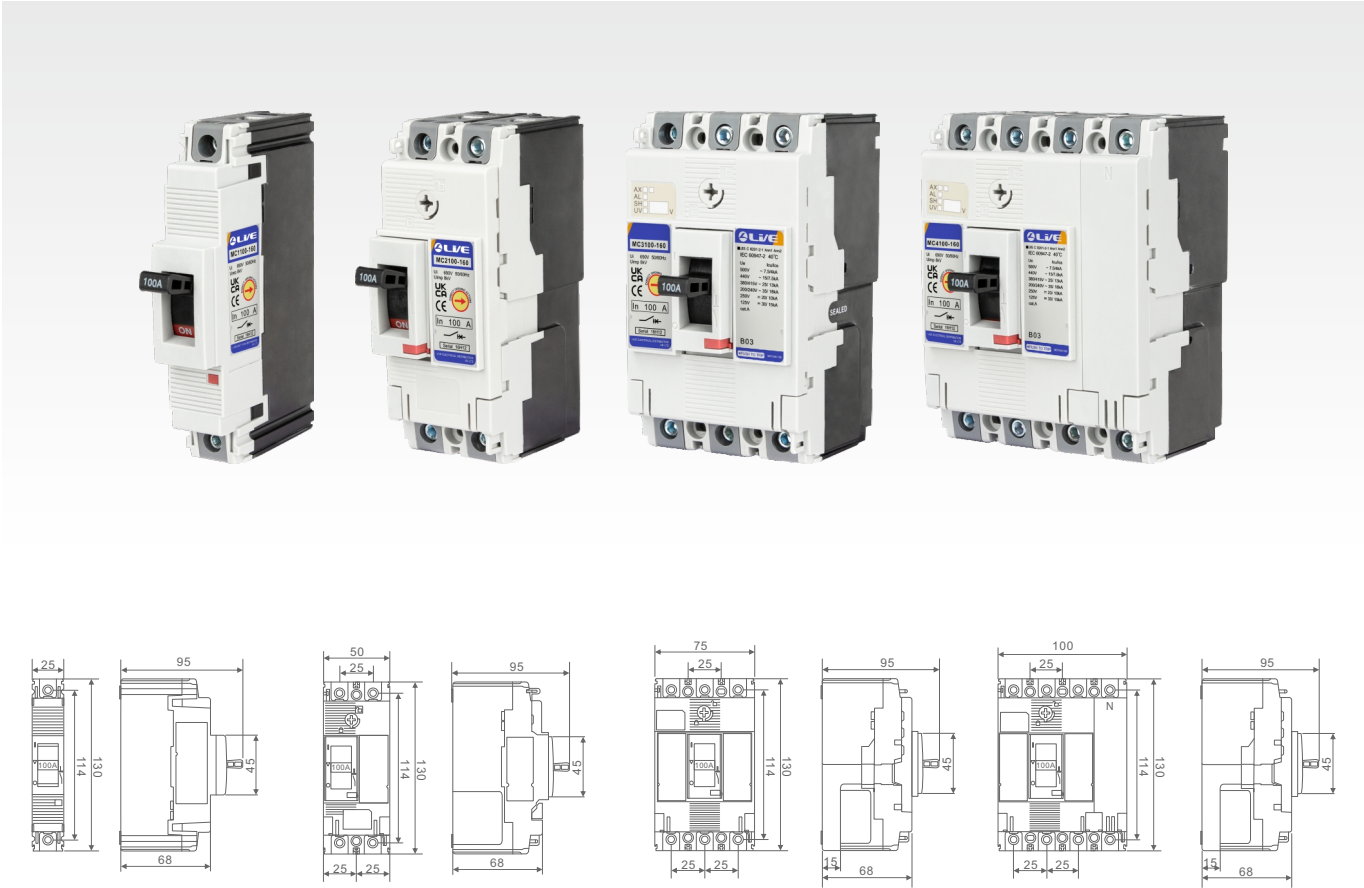


MCCB Panel Board



Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
TPNM08	8 way TPN Distribution Board metal enclosure	708	1100	200	1
TPNM8250M	8 way TPN Distribution Board c/w 250Frame 250A MCCB,12 X160Frame MCCBs (6X1P100A,6x3P100A)	708	1100	200	1
TPNM8250S	8 way TPN Distribution Board c/w 3P 250A Main Switch ,12 X160Frame MCCBs (6X1P100A,6x3P100A)	708	1100	200	1

Molded Case Circuit Breaker



Features

- Easy accessory fitting.
- Double insulated MCCB.
- Symmetrical design.
- Low temperature rise.
- High insulation voltage.
- Poles: 1P, 2P, 3P, 4P.
- Voltage(V): 690V.
- Impulse Withstand Voltage(kV): 8kV.
- Standard: IEC60947-2.
- BSEN 60947-2.
- Terminal torque: 6Nm.
- Terminal Capacity: Up to 50 mm² for lower ratings (Under 60A). Up to 70–95 mm² for higher ratings (60A–160A).

Breaking Capacity(kA)

AC	690V	-
	500V	7.5/4
	440V	15/7.5
	415V	25/13
	380V	25/13
DC	240V	35/18
	250V	20/10
	125V	30/15

Part No	Description
MC130-160	160Frame 1P 30 A MCCB
MC140-160	160Frame 1P 40 A MCCB
MC160-160	160Frame 1P 60 A MCCB
MC180-160	160Frame 1P 80 A MCCB
MC1100-160	160Frame 1P 100 A MCCB
MC1125-160	160Frame 1P 125 A MCCB
MC1160-160	160Frame 1P 160 A MCCB
MC230-160	160Frame 2P 30 A MCCB
MC240-160	160Frame 2P 40 A MCCB
MC260-160	160Frame 2P 60 A MCCB
MC280-160	160Frame 2P 80 A MCCB
MC2100-160	160Frame 2P 100 A MCCB
MC2125-160	160Frame 2P 125 A MCCB
MC2160-160	160Frame 2P 160 A MCCB

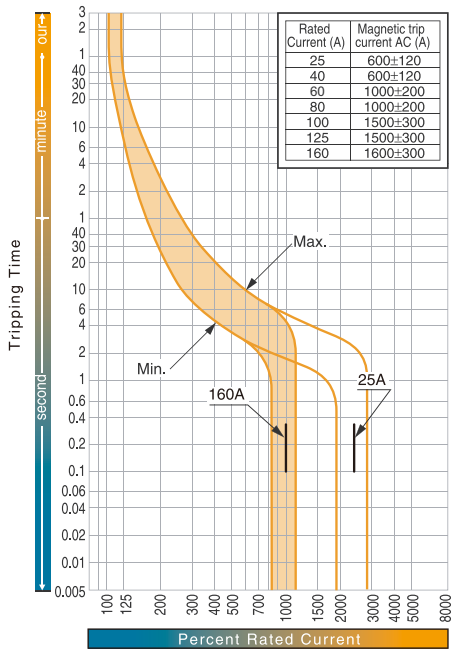
Part No	Description
MC330-160	160Frame 3P 30 A MCCB
MC340-160	160Frame 3P 40 A MCCB
MC360-160	160Frame 3P 60 A MCCB
MC380-160	160Frame 3P 80 A MCCB
MC3100-160	160Frame 3P 100 A MCCB
MC3125-160	160Frame 3P 125 A MCCB
MC3160-160	160Frame 3P 160 A MCCB
MC430-160	160Frame 4P 30 A MCCB
MC440-160	160Frame 4P 40 A MCCB
MC460-160	160Frame 4P 60 A MCCB
MC480-160	160Frame 4P 80 A MCCB
MC4100-160	160Frame 4P 100 A MCCB
MC4125-160	160Frame 4P 125 A MCCB
MC4160-160	160Frame 4P 160 A MCCB

Molded Case Circuit Breaker (Adjustable)



Features

- Terminal torque: 6Nm.
- Terminal Capacity: Up to 50 mm² for lower ratings (Under 60A). Up to 70–95 mm² for higher ratings (60A–160A).

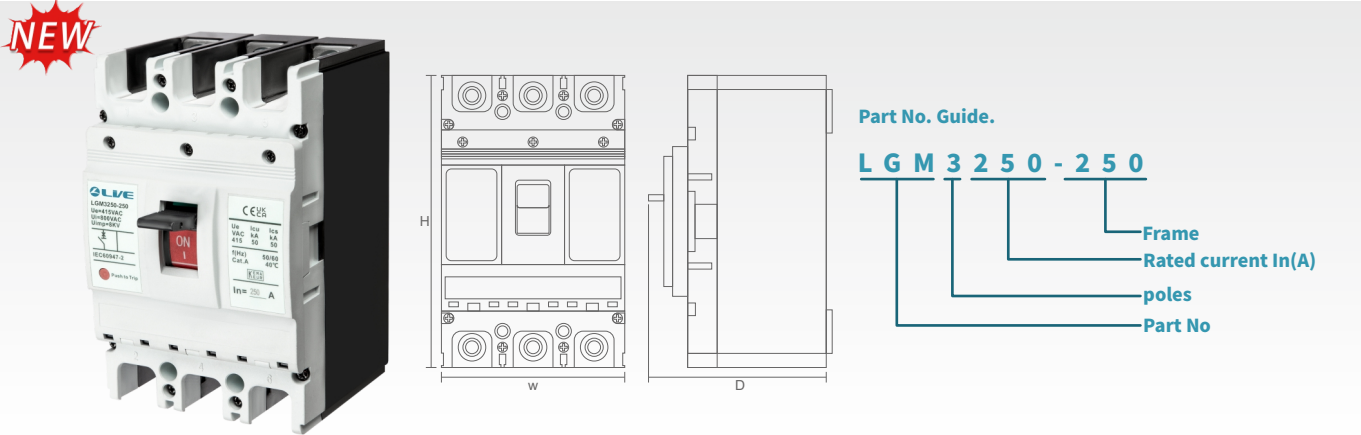


Part No	Description
MCA325-160	160Frame 3P 25 A MCCB (Adjustable)
MCA340-160	160Frame 3P 40 A MCCB (Adjustable)
MCA360-160	160Frame 3P 60 A MCCB (Adjustable)
MCA380-160	160Frame 3P 80 A MCCB (Adjustable)
MCA3100-160	160Frame 3P 100 A MCCB (Adjustable)
MCA3125-160	160Frame 3P 125 A MCCB (Adjustable)
MCA3160-160	160Frame 3P 160 A MCCB (Adjustable)

Frame Reference	Unit	Condition	-
Max in (A) of Frame			160
Nominal current ratings			
I _n	(A)	50°C	25,40,60,80,100,125,160
Electrical characteristics			
Rated operational voltage	U _e	(V)	525
Rated insulation voltage	U _i	(V)	250
Rated impulse withstand voltage	U _{imp}	(kV)	690
Ultimate breaking capacity	I _{cu}	(kA)	8
Service breaking capacity	I _{cs}	(kA)	6
Rated breaking capacity	-	(kA)	10
			16
			25
			13
			3
			5
			8
			13
			7
			6
			25

BS IEC/EN60947-2

Moulded Case Circuit Breaker

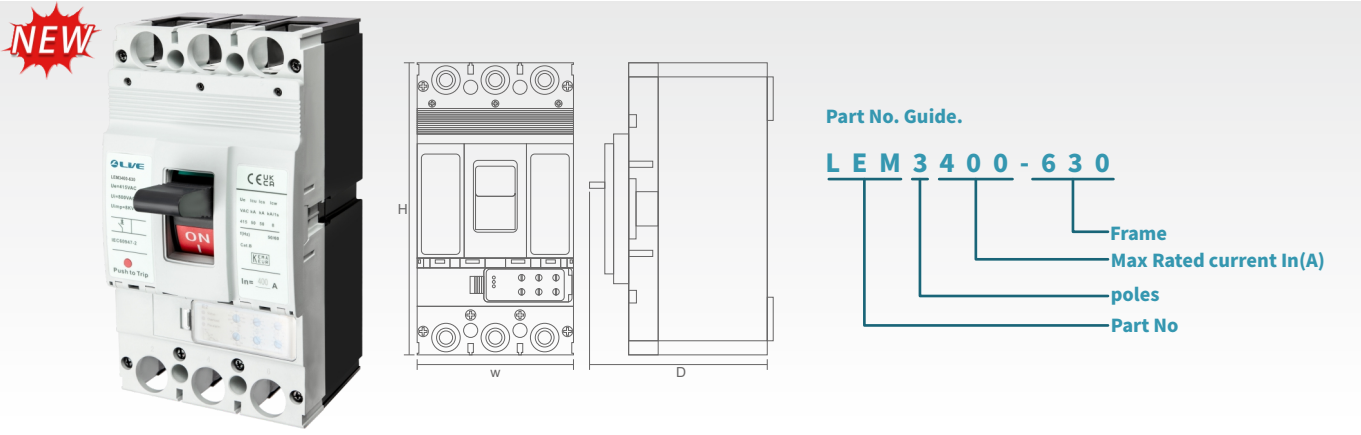


Part No. Guide					
LGM	3	250	—	250	
Product code	Poles	Rated current(A)		Frame	
LGM	3:3 Poles 4:4 Poles	16,20,32,40,50,63,80,100,125A		125	
		32,40,50,63,80,100,125,150,160A		160	
		100,125,160,180,200,225,250A		250	
		250,300,315,320,350,400,500,630A		630	
		630,800,1000,1250A		1250	
		800,1000,1250,1600A		1600	

Technical Paraments

Part No.		LGM□-□-125	LGM□-□-160	LGM□-□-250	LGM□-□-630	LGM□-□-1250	LGM□-□-1600
Frame current Inm(A)		125	160	250	630	1250	1600
Poles		3,4	3,4	3,4	3,4	3,4	3,4
Standard		IEC 60947-2					
Rated current In(A), 40°C,50°C,55°C		16,20,32,40,50,63,80,100,125A	32,40,50,63,80,100,125,150,160A	100,125,160,180,200,225,250A	250,300,315,320,350,400,500,630A	630,800,1000,1250A	800,1000,1250,1600A
Rated operating voltage(V) Ue AC50/60Hz		230V/400V,240/415V					
Rated insulation voltage(V) Ui		800	800	800	800	1000	1000
Rated impulse withstand voltage(kV) Uimp		8	8	8	8	12	12
Rated short-circuit breaking capacity (kA)							
Icu=Ics AC230V(kA)		50	50	50	50	65	50
Icu=Ics AC415V(kA)		50	50	50	50	65	50
Utilization category		A	A	A	A	A	A
Life time (C/O)	Mechanical life	20000	20000	20000	15000	4000	2000
	Electric life AC415V, In	5000	5000	5000	4000	1500	500
Release	Thermomagnetic type	●	●	●	●	—	●
	Electronic type	—	—	—	—	●	—
Overload protection	Long time-delay	●	●	●	●	●	●
Short-circuit protection	Short time-delay	●	●	●	●	●	●
	Instantaneous	●	●	●	●	●	●
	Auxiliary contact	●	●	●	●	●	●
Accessories	Alarm contact	●	●	●	●	●	●
	Shunt release	●	●	●	●	●	●
	Under-voltage modular	●	●	●	●	●	●
	Pre-paid modular	●	●	●	●	●	●
	Communication modular	●	●	●	●	●	●
	Overload alarm modular without function	●	●	●	●	●	●
	Motor driven operating system	●	●	●	●	●	●
	Rotary handle operating system	●	●	●	●	●	●
Dimensions (mm)	Poles	3P	4P	3P	4P	3P	4P
	W(mm)	75	105	90	120	105	140
	H(mm)	130	130	155	155	165	165
	D(mm)	105	105	115	115	128	128

Moulded Case Circuit Breaker

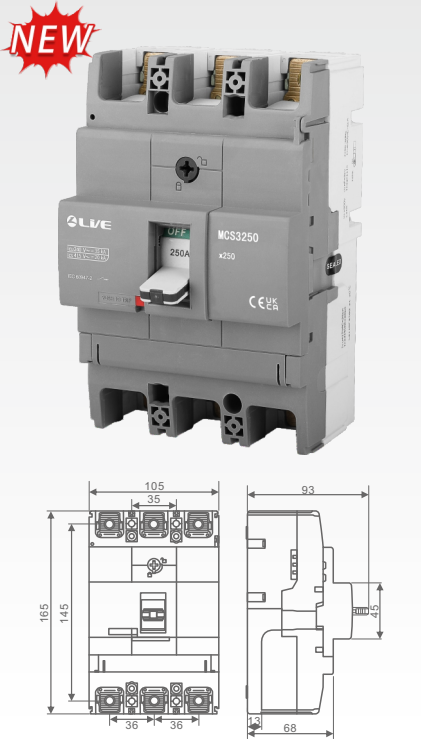


Part No. Guide				
LEM	3	400	—	630
Product code	Poles	Rated current(A)		Frame
LEM	3:3 Poles 4:4 Poles	20~50A,40~100A		100
		63-160A,100-250A		250
		160~400A,315~630A		630
		252~630A,320~800A,400~1000A,500~1250A		1250
		320~800A,400A~1000A,500A~1250A,640A~1600A		1600

Technical Paraments

Part No.		LEM□-□-100	LEM□-□-250	LEM□-□-630	LEM□-□-1250	LEM□-□-1600
Frame current Inm(A)		100	250	630	1250	1600
Poles		3,4	3,4	3,4	3,4	3,4
Standard		IEC 60947-2				
Rated current In(A), 40°C,50°C,55°C		20~50A,40~100A	63-160A,100-250A	160~400A,315~630A	252~630A,320~800A,400~1000A,500~1250A	320~800A,400A~1000A,500A~1250A,640A~1600A
Rated operating voltage(V) Ue AC50/60Hz		230V/400V,240/415V				
Long delay current setting Ir		0.4-1In				
Rated insulation voltage(V) Ui		800	800	800	1000	1000
Rated impulse withstand voltage(kV) Uimp		8	8	8	12	12
Rated short-circuit breaking capacity (kA)						
Icu=Ics AC230V(kA)		50	50	50	65	70
Icu=Ics AC415V(kA)		50	50	50	65	70
Utilization category		A	A	A	A	A
Life time (C/O)	Mechanical life	20000	20000	15000	4000	2000
	Electric life AC415V, In	5000	5000	4000	1500	500
Release	Thermomagnetic type	—	—	—	—	—
	Electronic type	●	●	●	●	●
Overload protection	Long time-delay	●	●	●	●	●
Short-circuit protection	Short time-delay	●	●	●	●	●
	Instantaneous	●	●	●	●	●
	Auxiliary contact	●	●	●	●	●
Accessories	Alarm contact	●	●	●	●	●
	Shunt release	●	●	●	●	●
	Under-voltage modular	●	●	●	●	●
	Pre-paid modular	●	●	●	●	●
	Communication modular	●	●	●	●	●
	Overload alarm modular without function	●	●	●	●	●
	Motor driven operating system	●	●	●	●	●
	Rotary handle operating system	●	●	●	●	●
Dimensions (mm)	Poles	3P	4P	3P	4P	3P
	W(mm)	90	120	105	140	140
	H(mm)	155	155	165	165	257
	D(mm)	113	113	128	128	153

Molded Case Circuit Breaker

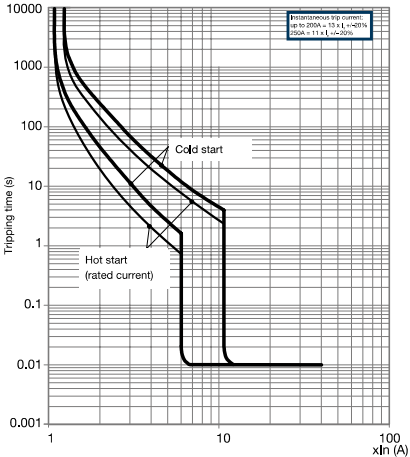


Features

- Easy accessory fitting.
- Double insulated MCCB.
- Symmetrical design.
- Low temperature rise.
- High insulation voltage.
- BSEN 60947-2.
- Terminal torque: 6Nm.

Terminal Capacity

- Up to 50 mm² for lower ratings (Under 60A).
- Up to 70–95 mm² for higher ratings (60A–160A).
- Up to 35–150 mm² for higher ratings (200A–250A).



Part No	Description	Box Qty
MCS3100-250	250Frame 3P 100 A MCCB	20
MCS3125-250	250Frame 3P 125 A MCCB	20
MCS3160-250	250Frame 3P 160 A MCCB	20
MCS3200-250	250Frame 3P 200 A MCCB	20
MCS3250-250	250Frame 3P 250 A MCCB	20

Frame	-	-	250
Pole	-	No.	3
Rated current	I _n	A	250
Current range	-	A	100-250
Electrical characteristics			
Rated voltage	U _e	V	220-690
Frequency	f	Hz	50/60
Rated insulation voltage	U _i	V	800
Rated impulse with stand voltage	U _{imp}	kV	8
Rated ultimate breaking capacity(I _{cu})			
(AC)50-60 Hz 220/230 V	I _{cu}	kA	35
(AC)50-60 Hz 380/415 V	I _{cu}	kA	25
(AC)50-60 Hz 480/500/525 V	I _{cu}	kA	-
(AC)50-60 Hz 660/690 V	I _{cu}	kA	-
(DC)250 V-2 poles in series	I _{cu}	kA	25
Rated service short-circuit breaking capacity(I _{cs})			
(AC)50-60 Hz 220/230 V	I _{cs}	kA	25
(AC)50-60 Hz 380/415 V	I _{cs}	kA	20
(AC)50-60 Hz 480/500/525 V	I _{cs}	kA	-
(AC)50-60 Hz 660/690 V	I _{cs}	kA	-
(DC)250 V-2 poles in series	I _{cs}	kA	13
Rated short-circuit making capacity	I _{cm}	kA	6
Rated short-time with stand current for 1s	I _{cw}	kA	3
Category of use (EN 60947-2)	-	-	A
Calibration temperature	-	-	50°C
Derating	40°C	-	100%
	50°C	-	100%
	55°C	-	94%
	60°C	-	91%
	65°C	-	88%
Suitability for insulation	-	-	yes
Electric endurance in number of cycles	-	-	10000
Mechanical endurance in number of operations	-	-	20000
Operating temperature	-	-	-25 to + 70°C
Storage temperature	-	-	-35 to + 70°C
Power loss (at I _n for 3P)	-	W	60
Reference standard	-	-	IEC60947-3
Connection			
Standard terminal type	-	-	lug
Maximum terminal capacity	-	-	185mm ² (cage)
Terminal width	mm	-	25
Extended connections	-	-	ok
Rear connections	-	-	ok

CONTACTOR
OVERLOAD RELAY AND

LIVE ELECTRICAL
DISTRIBUTION
UK LTD



MAC Modular AC Contactor



Description & Features

- Compact modular design.
 - Elegant appearance. mounting instruction diagram is appended for convenient operation.
 - No noise during operation.
- AC contactor for domestic applications & 35mm Din rail Mounting.
 - Suitable for housing within a consumer unit or modular enclosure.
 - Electric rating up to 20A, 25A, 32A, 40A, 63A.
 - Complies with BS EN 60948-4-1.

Part No	Description	Box Qty	Module	Terminal capacity	No. of Poles	Utilization categories	Ui(V)	Ue(V~)	Rated Current(A)	Control power
MAC2P20	2 Pole 20A 2NO AC contactor	80	1	4mm ²	2P	AC-1,AC-7a/AC-7b	500V	230V	20/7	4kw/1.2kw
MAC2P25	2 Pole 25A 2NO AC contactor	80	1	4mm ²	2P	AC-1,AC-7a/AC-7b	500V	230V	25/8.5	5.4kw/1.5kw
MAC2P32	2 Pole 32A 2NO AC contactor	48	2	16mm ²	2P	AC-1,AC-7a/AC-7b	500V	230V	32/12	6.6kw/1.9kw
MAC2P40	2 Pole 40A 2NO AC contactor	48	2	16mm ²	2P	AC-1,AC-7a/AC-7b	500V	230V	40/15	8.4kw/2.4kw
MAC2P63	2 Pole 63A 2NO AC contactor	48	2	16mm ²	2P	AC-1,AC-7a/AC-7b	500V	230V	63/20	12kw/3.8kw
MAC4P20	4 Pole 20A 4NO AC contactor	48	2	16mm ²	4P	AC-1,AC-7a/AC-7b	500V	400V	20/7	10kw/2.3kw
MAC4P25	4 Pole 25A 4NO AC contactor	48	2	16mm ²	4P	AC-1,AC-7a/AC-7b	500V	400V	25/8.5	16kw/3kw
MAC4P32	4 Pole 32A 4NO AC contactor	32	3	16mm ²	4P	AC-1,AC-7a/AC-7b	500V	400V	32/12	20kw/3.8kw
MAC4P40	4 Pole 40A 4NO AC contactor	32	3	16mm ²	4P	AC-1,AC-7a/AC-7b	500V	400V	40/15	26kw/4.8kw
MAC4P63	4 Pole 63A 4NO AC contactor	32	3	16mm ²	4P	AC-1,AC-7a/AC-7b	500V	400V	63/20	40kw/6.5kw

Household DC Coil AC Contactor

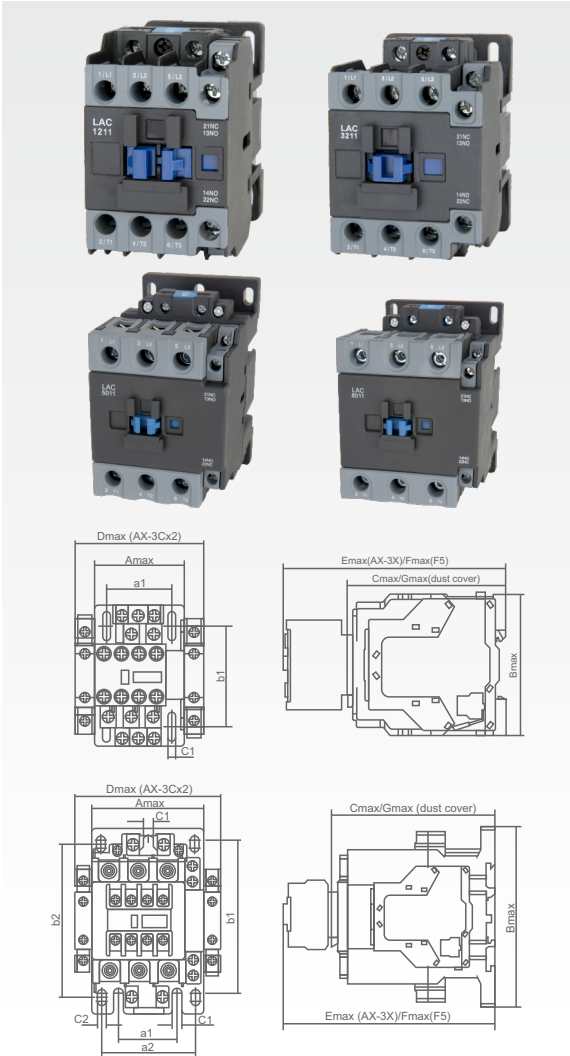


Description & Features

- Suitable for housing within a consumer unit or modular enclosure.
 - Compact modular design.
 - Elegant appearance.
 - No noise during operation.
 - 35mm Din rail Mounting.
 - Electric rating up to 16A ,20A, 25A, 32A, 40A, 63A.
- Complies with BS EN 60948-4-1.
 - Poles:2P,4P.
 - Ue(V~): 2P:230V 4P:400V.
 - Ui(V): 2P:500V 4P:500V.
 - Uimp:4kV.
 - Coil Voltage: DC12V,DC24V.

Part No	Description	Box Qty	Module	Terminal capacity
MDAC2P16/12V	2 Pole 16A 2NO AC contactor/12V DC coil	180	1	4m ²
MDAC2P20/12V	2 Pole 20A 2NO AC contactor/12V DC coil	180	1	4m ²
MDAC2P25/12V	2 Pole 25A 2NO AC contactor/12V DC coil	180	1	4m ²
MDAC2P32/12V	2 Pole 32A 2NO AC contactor/12V DC coil	90	2	16m ²
MDAC2P40/12V	2 Pole 40A 2NO AC contactor/12V DC coil	90	2	16m ²
MDAC2P63/12V	2 Pole 63A 2NO AC contactor/12V DC coil	90	2	16m ²
MDAC2P16/24V	2 Pole 16A 2NO AC contactor/24V DC coil	180	1	4m ²
MDAC2P20/24V	2 Pole 20A 2NO AC contactor/24V DC coil	180	1	4m ²
MDAC2P25/24V	2 Pole 25A 2NO AC contactor/24V DC coil	180	1	4m ²
MDAC2P32/24V	2 Pole 32A 2NO AC contactor/24V DC coil	90	2	16m ²
MDAC2P40/24V	2 Pole 40A 2NO AC contactor/24V DC coil	90	2	16m ²
MDAC2P63/24V	2 Pole 63A 2NO AC contactor/24V DC coil	90	2	16m ²
MDAC4P16/12V	4 Pole 16A 4NO AC contactor/12V DC coil	90	2	4m ²
MDAC4P20/12V	4 Pole 20A 4NO AC contactor/12V DC coil	90	2	4m ²
MDAC4P25/12V	4 Pole 25A 4NO AC contactor/12V DC coil	90	2	4m ²
MDAC4P32/12V	4 Pole 32A 4NO AC contactor/12V Dc coil	60	3	16m ²
MDAC4P40/12V	4 Pole 40A 4NO AC contactor/12V DC coil	60	3	16m ²
MDAC4P63/12V	4 Pole 63A 4NO AC contactor/12V DC coil	60	3	16m ²
MDAC4P16/24V	4 Pole 16A 4NO AC contactor/24V DC coil	90	2	4m ²
MDAC4P20/24V	4 Pole 20A 4NO AC contactor/24V DC coil	90	2	4m ²
MDAC4P25/24V	4 Pole 25A 4NO AC contactor/24V DC coil	90	2	4m ²
MDAC4P32/24V	4 Pole 32A 4NO AC contactor/24V DC coil	60	3	16m ²
MDAC4P40/24V	4 Pole 40A 4NO AC contactor/24V DC coil	60	3	16m ²
MDAC4P63/24V	4 Pole 63A 4NO AC contactor/24V DC coil	60	3	16m ²

LAC Modular AC contactor



Type		LAC-09	LAC-12	LAC-18	LAC-25	LAC-32
Rated working current(A)	AC3	9	12	18	25	32
	AC4	3.5	5	7.7	8.5	12
AC3 capacity of phase 3 squirrel-cage motor AC3(KW)	220/230V	2.2	3	4	5.5	7.5
	380/400V	4	5.5	7.5	11	15
	415V	4	5.5	9	11	15
	440V	4	5.5	9	11	15
	500V	5.5	7.5	10	15	18.5
	660/690V	5.5	7.5	10	15	18.5
Rated heat current(A)		20	20	32	40	50
Electrical life	AC4 x 10 ⁴	20	20-15	20-7	15-7	15-7
	AC3 x 10 ⁴	2	2	2	2	2
Mechanical		20	20	20	20	20
Number of the contact		3P+NO				
		3P+NC				

Type		LAC-40	LAC-50	LAC-65	LAC-80	LAC-95
Rated working current(A)	AC3	40	50	65	80	95
	AC4	18.5	24	28	37	44
AC3 capacity of phase 3 squirrel-cage motor AC3(KW)	220/230V	11	15	18.5	22	25
	380/400V	18.5	22	30	37	45
	415V	22	25	37	45	45
	440V	22	30	37	45	45
	500V	22	30	37	55	55
	660/690V	30	33	37	45	45
Rated heat current(A)		60	80	80	125	125
Electrical life	AC4 x 10 ⁴	10-7	7	7-6	7-5	7-5
	AC3 x 10 ⁴	2	2	1.6	1.6	1.6
Mechanical		20	20	20	10	10
Number of the contact		3P+NC+NO				

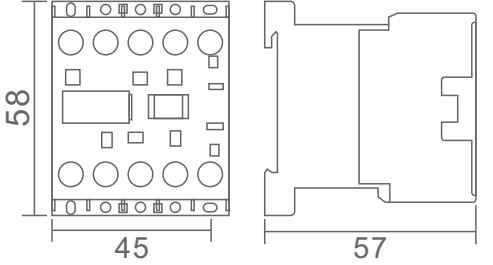
Design Features

AC contactor is suitable for using in the circuits up to the rated voltage 660V AC 50Hz or 60Hz, rated current up to 95A, for making, breaking, frequently starting & controlling the AC motor. Combined with the auxiliary contact block, timer delay & machine-interlocking device etc, it becomes the delay contactor, mechanical-interlocking contactor, star-delta starter. With the thermal relay, it is combined into the electromagnetic starter. The Contactor is produced according to IEC BS 60947-4, IEC BS 60947-5.

	Amax	Bmax	Cmax	Dmax	Emax	Fmax	Gmax	a1	b1	C1	a2	b2	C2
9A~12A	45.5	75	88	70	126.5	146.5	90	35±0.31	48±0.31	φ4.5	-	-	-
18A	45.5	75	88	70	126.5	146.5	90	35±0.31	48±0.31	φ4.5	-	-	-
25A~32A	56.5	87	93	81	131.5	151.5	95	40±0.31	48±0.31	φ4.5	-	-	-
40A~65A	77	129	118	102	156.5	176.5	121	40±0.28	105±0.57	φ6.5	64	105	φ6
80A~95A	87	132	127	112	165.5	185.5	129	40±0.28	105±0.57	φ6.5	74	112	φ6.2

Part No	Description	Box Qty
LAC-0911/220V	3P+1NO+1NC 9A 220V AC contactor	50
LAC-0911/380V	3P+1NO+1NC 9A 380V AC contactor	50
LAC-1211/220V	3P+1NO+1NC 12A 220V AC contactor	50
LAC-1211/380V	3P+1NO+1NC 12A 380V AC contactor	50
LAC-1811/220V	3P+1NO+1NC 18A 220V AC contactor	50
LAC-1811/380V	3P+1NO+1NC 18A 380V AC contactor	50
LAC-2511/220V	3P+1NO+1NC 25A 220V AC contactor	50
LAC-2511/380V	3P+1NO+1NC 25A 380V AC contactor	50
LAC-3211/220V	3P+1NO+1NC 32A 220V AC contactor	20
LAC-3211/380V	3P+1NO+1NC 32A 380V AC contactor	20
LAC-4011/220V	3P+1NO+1NC 40A 220V AC contactor	20
LAC-4011/380V	3P+1NO+1NC 40A 380V AC contactor	20
LAC-5011/220V	3P+1NO+1NC 50A 220V AC contactor	20
LAC-5011/380V	3P+1NO+1NC 50A 380V AC contactor	20
LAC-6511/220V	3P+1NO+1NC 65A 220V AC contactor	20
LAC-6511/380V	3P+1NO+1NC 65A 380V AC contactor	20
LAC-8011/220V	3P+1NO+1NC 80A 220V AC contactor	20
LAC-8011/380V	3P+1NO+1NC 80A 380V AC contactor	20
LAC-9511/220V	3P+1NO+1NC 95A 220V AC contactor	20
LAC-9511/380V	3P+1NO+1NC 95A 380V AC contactor	20

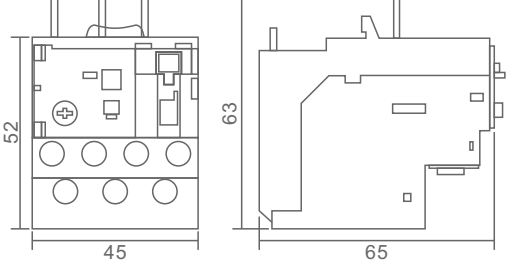
K Series MiNi AC Contactor



MAC-Kseries AC contactor is suitable for using in the circuit up to the rated voltage 660 AC 50Hz/60Hz, rated current up to 12A, for frequent starting, controlling the AC motor. The addition of auxiliary contact group to the contactor, combined with the proper thermal relay, can act to protect the circuit bound to overload. Contactor designed by traverse double breaking points, blocking and zero flash-over, it has characteristic of multi-functional combination, small volume and reliability.

Part No	Description	Box Qty
MAC-K0901/220V	3P+NC 9A 220V MINI AC contactor	100
MAC-K0910/220V	3P+NO 9A 220V MINI AC contactor	100
MAC-K0901/380V	3P+NC 9A 380V MINI AC contactor	100
MAC-K0910/380V	3P+NO 9A 380V MINI AC contactor	100
MAC-K1201/220V	3P+NC 12A 220V MINI AC contactor	100
MAC-K1210/220V	3P+NO 12A 220V MINI AC contactor	100
MAC-K1201/380V	3P+NC 12A 380V MINI AC contactor	100
MAC-K1210/380V	3P+NO 12A 380V MINI AC contactor	100

K Series Thermal Overload Relay

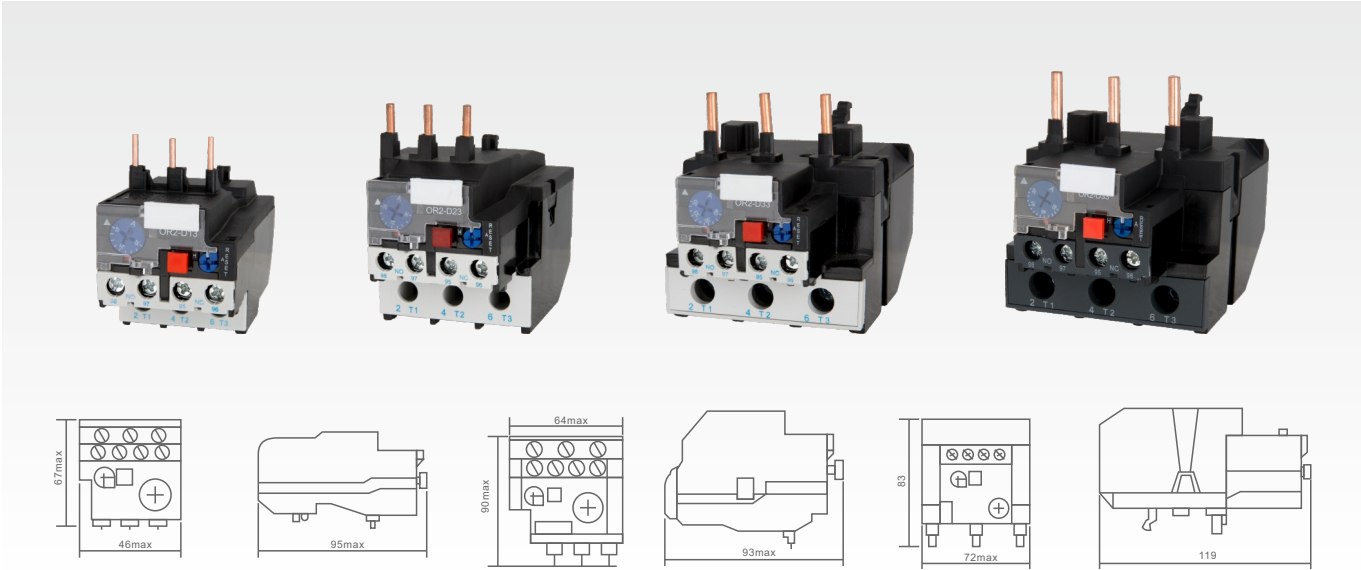


Suitable For K Series AC Contactor

- Rated Frequency 50-60Hz.
- Rated Insulation Voltage 690V.
- IEC60947-4-1.

Part No	Description	Box Qty
KR2/0.16	0.11-0.16Rated Currnt(A) Thermal overload relay	100
KR2/0.23	0.16-0.23Rated Currnt(A) Thermal overload relay	100
KR2/0.36	0.23-0.36Rated Currnt(A) Thermal overload relay	100
KR2/0.54	0.36-0.54Rated Currnt(A) Thermal overload relay	100
KR2/0.8	0.54-0.8Rated Currnt(A) Thermal overload relay	100
KR2/1.2	0.8-1.2Rated Currnt(A) Thermal overload relay	100
KR2/1.8	1.2-1.8Rated Currnt(A) Thermal overload relay	100
KR2/2.6	1.8-2.6Rated Currnt(A) Thermal overload relay	100
KR2/3.7	2.6-3.7Rated Currnt(A) Thermal overload relay	100
KR2/5.5	3.7-5.5Rated Currnt(A) Thermal overload relay	100
KR2/8	5.5-8Rated Currnt(A) Thermal overload relay	100
KR2/11.5	8-11.5Rated Currnt(A) Thermal overload relay	100
KR2/14	10-14Rated Currnt(A) Thermal overload relay	100
KR2/18	14-18Rated Currnt(A) Thermal overload relay	100

Thermal Overload Relay



Description & Features

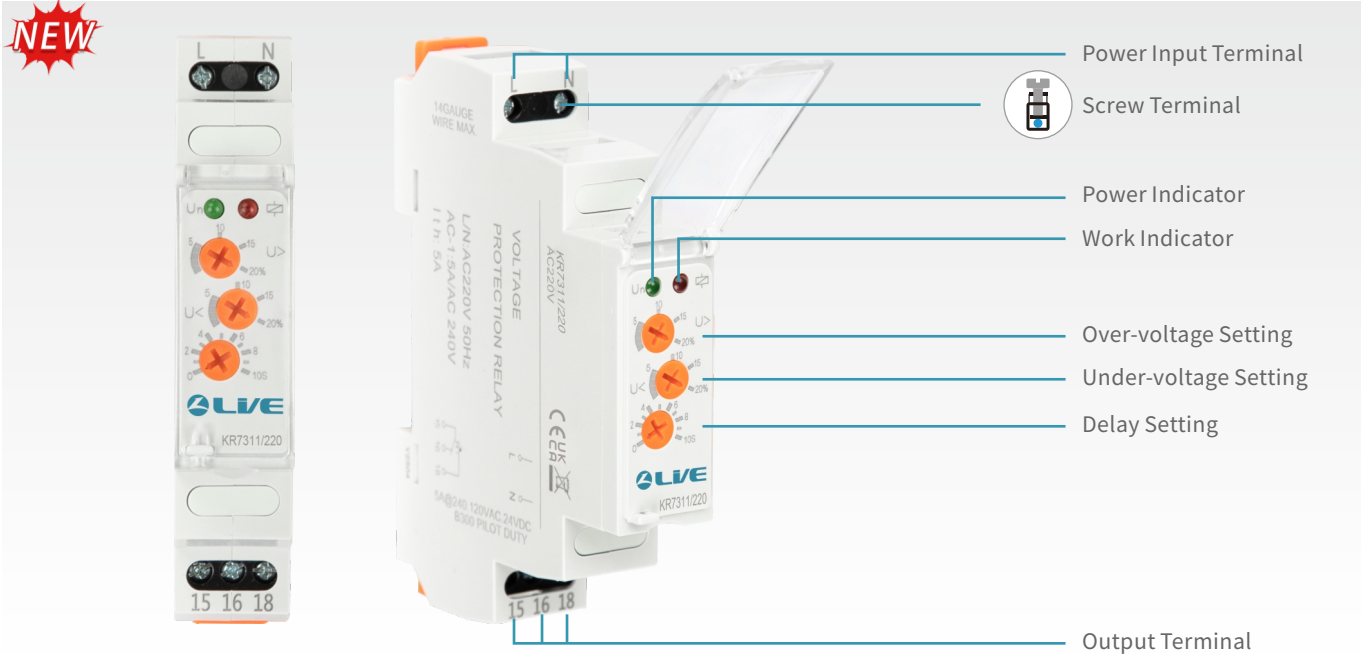
The LVE thermal relay can be used in the circuit of 50Hz or 60Hz, rated insulation voltage 660V, rated current 0.1-0.93A for protecting the phase break when the electric motor is overload . The relay has different mechanism and temperature compensation & can be plugged in LAC series AC contact .

Technical Data

- Rated frequency 50-60Hz.
- Altitude: not exceeding 2000m.
- The ambient air temperature is -58 °C~+40 °C, and the average temperature within 24 hours does not exceed +35 °C.

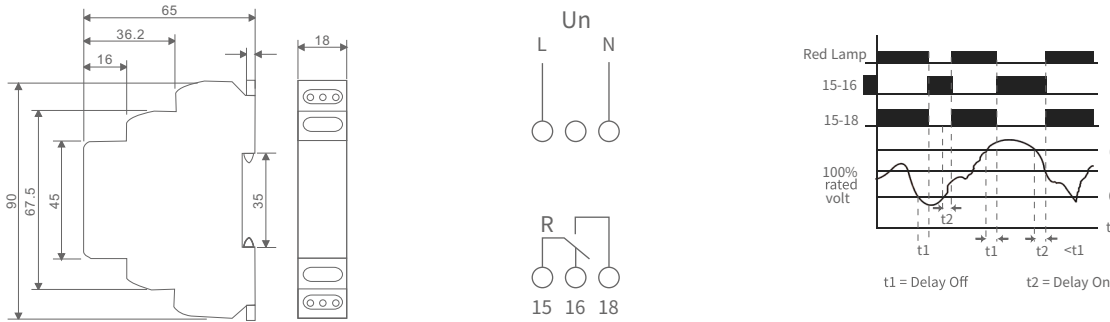
Part No	Description	Rated current selection range(A)	Box Qty
OR2-D13/0.16	0.16A D13 hot overload relay	0.10~0.16 rated current (A)	100
OR2-D13/0.25	0.25A D13 hot overload relay	0.16~0.25 rated current (A)	100
OR2-D13/0.40	0.4A D13 hot overload relay	0.25~0.40 rated current (A)	100
OR2-D13/0.63	0.63A D13 hot overload rela)	0.40~0.63 rated current (A)	100
OR2-D13/1.0	1.0A D13 hot overload relay	0.63~1.0 rated current(A)	100
OR2-D13/1.6	1.6A D13 hot overload relay	1.0~1.6 rated current (A)	100
OR2-D13/2.0	2.0A D13 hot overload relay	1.25~2.0 rated current(A)	100
OR2-D13/2.5	2.5A D13 hot overload relay	1.6~2.5 rated current (A)	100
OR2-D13/4.0	4.0A D13 hot overload relay	2.5~4.0 rated current (A)	100
OR2-D13/6.0	6.0A D13 hot overload relay	4.0~6.0 rated current (A)	100
OR2-D13/8.0	8.0A D13 hot overload relay	5.5~8.0 rated current (A)	100
OR2-D13/10.0	10A D13 hot overload relay	7.0~10.0 rated current (A)	100
OR2-D13/13.0	13A D13 hot overoad relay	9.0~13.0 rated current (A)	100
OR2-D13/18.0	18A D13 hot overoad relay	12.0~18.0 rated current (A)	100
OR2-D13/25.0	25A D13 hot overload relay	17.0~25.0 rated current (A)	100
OR2-D23/32	32A D23 hot overoad relay	23.0~32.0 rated current (A)	50
OR2-D23/36	36A D23 hot overload relay	28.0~36.0 rated current (A)	50
OR2-D33/32	32A D33 hot overoad relay	23.0~32.0 rated current (A)	50
OR2-D33/40	40A D33 hot overload relay	30.0~40.0 rated current (A)	50
OR2-D33/50	50A D33 hot overoad relay	37.0~50.0 rated current (A)	50
OR2-D33/65	65A D33 hot overload relay	48.0~65.0 rated current (A)	50
OR2-D33/70	70A D33 hot overoad relay	55.0~70.0 rated current(A)	50
OR2-D33/80	80A D33 hot overload relay	63.0~80.0 rated current (A)	50
OR2-D33/93	93A D33 hot overoad relay	80.0~93.0 rated current (A)	50
OR2-D43/104	104A D43 hot overload relay	83.0~104.0 rated current (A)	50
OR2-D43/120	120A D43 hot overload relay	95.0~120.0 rated current (A)	50
OR2-D43/140	140A D43 hot overload relay	110.0~140.0 rated current(A)	50

Single Phase Voltage Protection Relay



Features

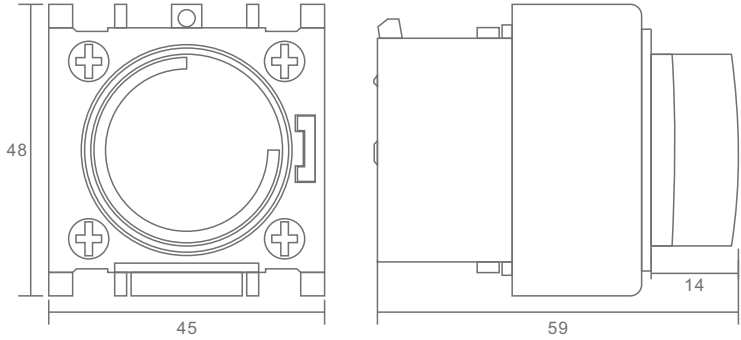
- 1.Cut off the line when Over & Under Voltage occurs,and automatically reset and connect the line afterreturning to normal without manual operation.
- 2.When the line appears transient or transient Over& Under Voltage, the protector does not malfunction.



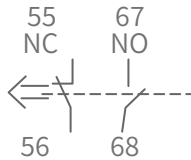
Part No	Description	Box Qty
KR7311/220	AC220V Single Phase Voltage Protection Relay	100

Technical Data	KR7311/220
Monitoring Type	Single Phase
Output Characteristics	SPDT
Over Voltage	0~20%
Under Voltage	0~20%
Time Delay	0.1~10S
Phase Sequence	-
Phase Failure	-
Working Voltage	AC 220V
Frequency	50/60Hz
Response Time of Relay	0.5s
Contact Rating	AC-15:3A/250VAC
Ambient Temperature	-10°C~+55°C
Voltage Error	±2% Max
Temperature Error	±2% Max

Pneumatic Time Delay

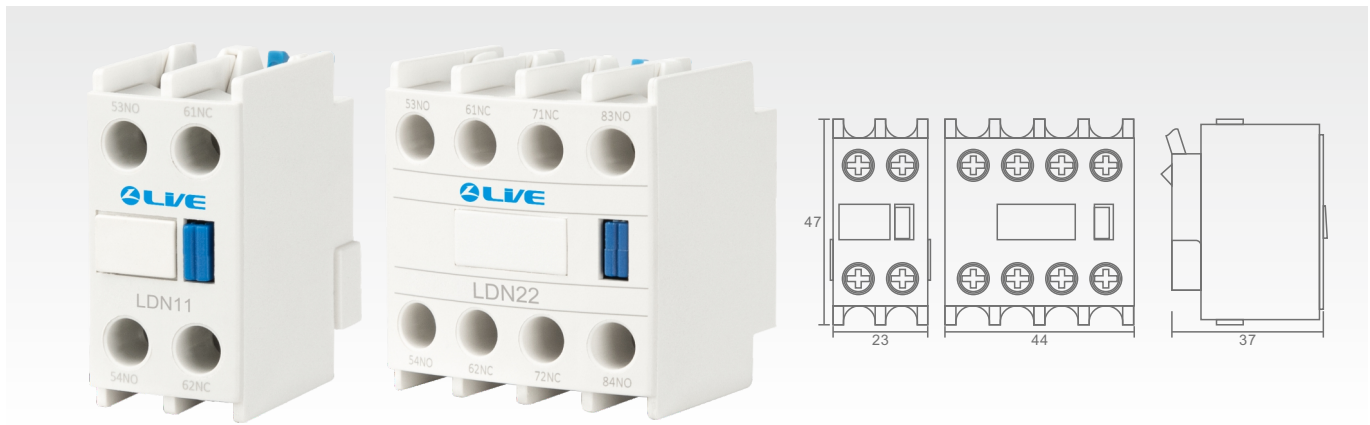


- Ui: 690V.
- Ue: 550V.
- Ith:10A.
- Delay type: Power on/power-off delay.



Part No	Description	Box Qty
LDT0	0.1-3S on delay Pneumatic Time Delay	100
LDT2	0.1-30S on delay Pneumatic Time Delay	100
LDT4	10-180S on delay Pneumatic Time Delay	100
LDR0	0.1-3S off delay Pneumatic Time Delay	100
LDR2	0.1-30S off delay Pneumatic Time Delay	100
LDR4	10-180S off delay Pneumatic Time Delay	100

Auxiliary Contact



Part No	Description	Box Qty
LDN02	2NC Auxiliary Contact	500
LDN11	1NO+1NC Auxiliary Contact	500
LDN20	2NO Auxiliary Contact	500
LDN22	2NO+2NC Auxiliary Contact	300
LDN40	4NO Auxiliary Contact	300
LDN04	4NC Auxiliary Contact	300
LDN13	1NO+3NC Auxiliary Contact	300
LDN31	3NO+1NC Auxiliary Contact	300

SINGLE PHASE ENERGY METER
DIGITAL TIMER
BELL TRANSFORMER

LIVE ELECTRICAL
DISTRIBUTION
UK LTD



Single Phase Energy Meter

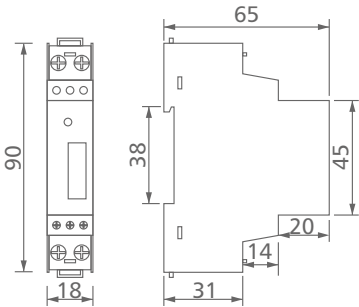


Description & Features

Single phase energy meter with LCD data displaying, it can display total energy consumption by step type impulse register.

Technical Data

- Voltage: 230V AC.
- Frequency: 50/60Hz.
- Base current(Ib): 5A.
- Max current(I_{max}): 45A.
- Kwh display: 6+1 digits(999999.9kwh).
- Impulse 1000imp/kwh.
- IP20 protection degree.
- 35mm standard DIN rail installation.
- Complies with EN62053-21.



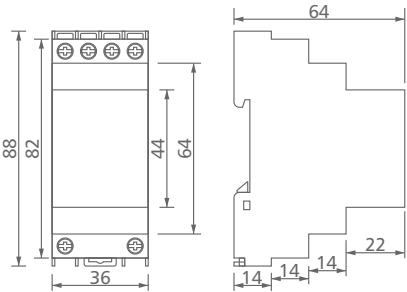
Part No	Description	Box Qty
MLCD61	Single phase energy meter with LCD data displaying	50

Bell Transformer



Applicable to circuit with rated voltage 230V~ and rated frequency 50/60Hz, used to power electric bell of extra low voltage.

- Safe electrical separation between primary and secondary circuit.
- Provides extra low voltage up to 24V.
- Low temperature rising.
- High output accuracy.
- Extra overload capacity up to 25% within 24 hours.



- Rated input voltage: 230V AC.
- Rated output voltage: 8, 12, 16, 24V.
- Rated frequency: 50/60Hz.
- Rated power output: 8VA.
- Consumption: 1.15W.
- Service period: continuous operating.
- Pollution class: 2.
- Connection terminals: pillar terminal with clamp.
- Connection capacity: rigid conductor 10mm².

Part No	Description	Box Qty
LBT-8	8V/12V/24V Bell Transformer	40
LBT-8/1	8V/16V/24V Bell Transformer	40

Single Module Digital Timer

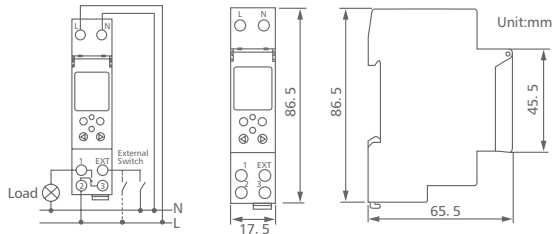


Description & Features

Single module digital timer for installation inside of a consumer unit. Ideal for controlling circuits quickly and easily.

Technical Data

- 35mm DIN Rail Mountable.
- Digital Display.
- Display year/month/day/hour/minute.
- Easy to Use.
- Controls 1 Circuits.
- 4 Buttons to Program.
- Built-in lithium battery, and travel time as usual after power failure.
- Manufactured to EN 60730-1.



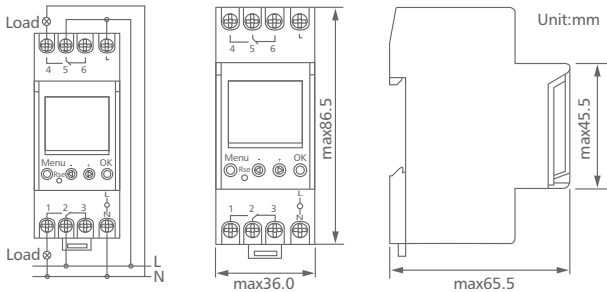
Part No	Description	Box Qty
TIME16S	Single module digital timer	1

Double Module Digital Timer



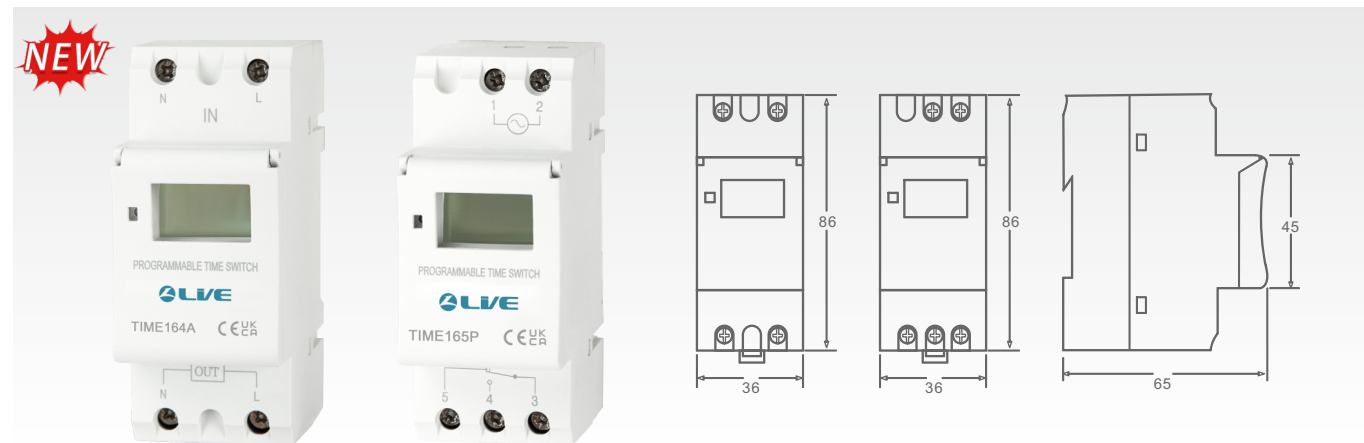
Double-channel digital timer for installation inside of a consumer unit. Ideal for controlling circuits quickly and easily.

- 2 Modules.
- 35mm DIN Rail Mountable.
- Digital Display.
- Display year/month/day/hour/minute.
- Easy to Use.
- Controls 2 Circuits.
- 4 Buttons to Program, 18 Cycle program.
- 44 Memory pulse program, Adjustable pulse duration 1s~59s.
- Built-in lithium battery, and travel time as usual after power failure.
- Manufactured to EN 60730-1.



Part No	Description	Box Qty
TIME162D	Double-channel digital timer	1

Digital Timer



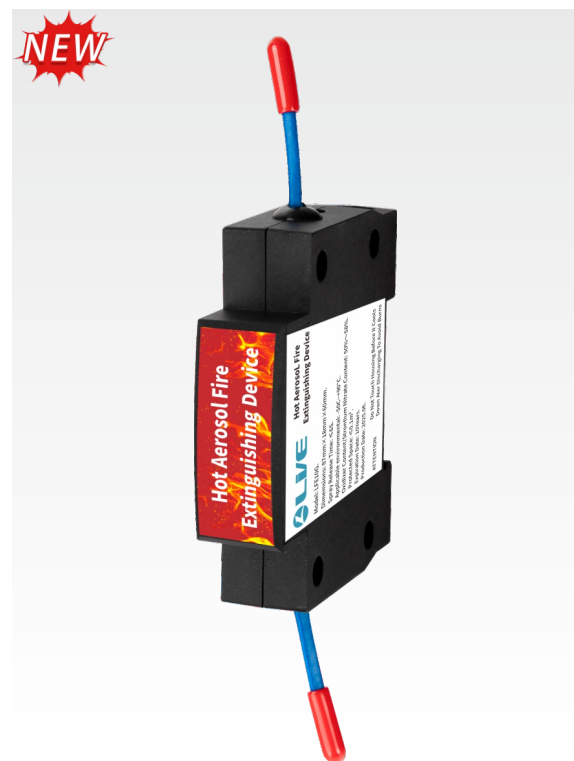
Technical Data

- Voltage Rating: AC220V 50/60HZ.
- Voltage Limit: $\pm 10\%$.
- Count Down: 1 sec - 99 min 59 sec.
- Hysteresis: ≤ 2 sec/day(25°C).
- Pulse: 1 sec - 59 min 59 sec.
- ON/OFF operation: 16 ON & 16 OFF, 18 times pulse.
- Power Consumption: 7.5VA(max).

- Display: LCD.
- Switching Contact: 1 changeover switch.
- Minimum Interval : 1 minute.
- Ambient Temperature: -10~+40°C.
- Ambient Humidity: 35~85%RH.
- 35mm DIN Rail Mountable.
- Manufactured to EN 60730-1.

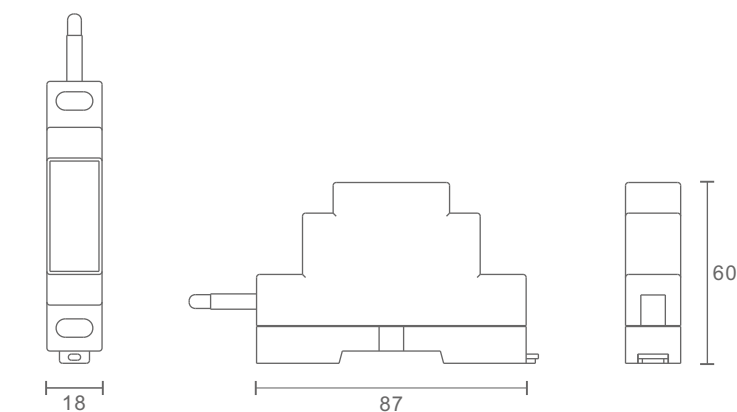
Part No	Description	Box Qty
TIME164A	Digital Timer (Active)	100
TIME165P	Digital Timer (Passive)	100

Hot Aerosol Fire Extinguishing Device



Technical Data

- Spray Release Time: ≤ 6 S.
- Applicable environmental: -50~+90°C <95%RH.
- Oxidizer Content/Strontium Nitrate Content: 50%~58%.
- Protected Space: $\leq 0.1\text{m}^3$.
- Installation: 35mm Din Rail.



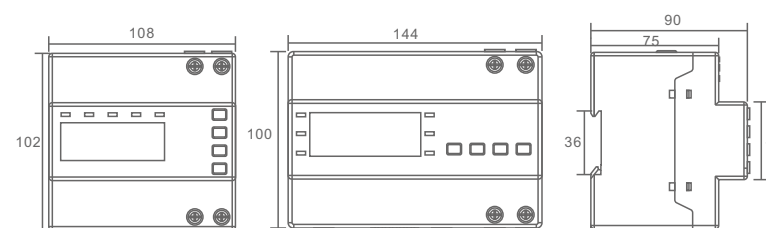
Part No	Description	Box Qty
LFE10G	Hot Aerosol Fire Extinguishing Device	140

Current Limiting Protector For Electric Fire Prevention



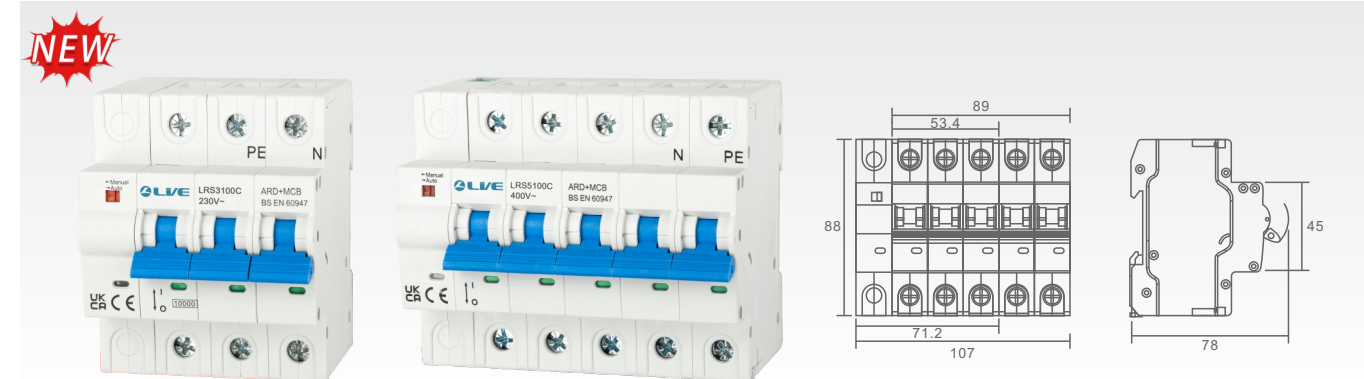
Technical Data

- Frame: C,D.
- Rated currents(I_n): 10A,20A,32A,40A,63A,80A.
- Voltage: AC110~265V .
- Rated frequency: 50Hz.
- Communication protocol: Modbus-485.



Part No	Description	Box Qty
LCP10	Single Phase Frame C 10A Fireproof Current Limiting Protector	20
LCP20	Single Phase Frame C 20A Fireproof Current Limiting Protector	20
LCP32	Single Phase Frame C 32A Fireproof Current Limiting Protector	20
LCP40	Single Phase Frame C 40A Fireproof Current Limiting Protector	20
LCP63	Single Phase Frame D 63A Fireproof Current Limiting Protector	20
LCP80	Single Phase Frame D 80A Fireproof Current Limiting Protector	20

Automatic Reclosing Switch

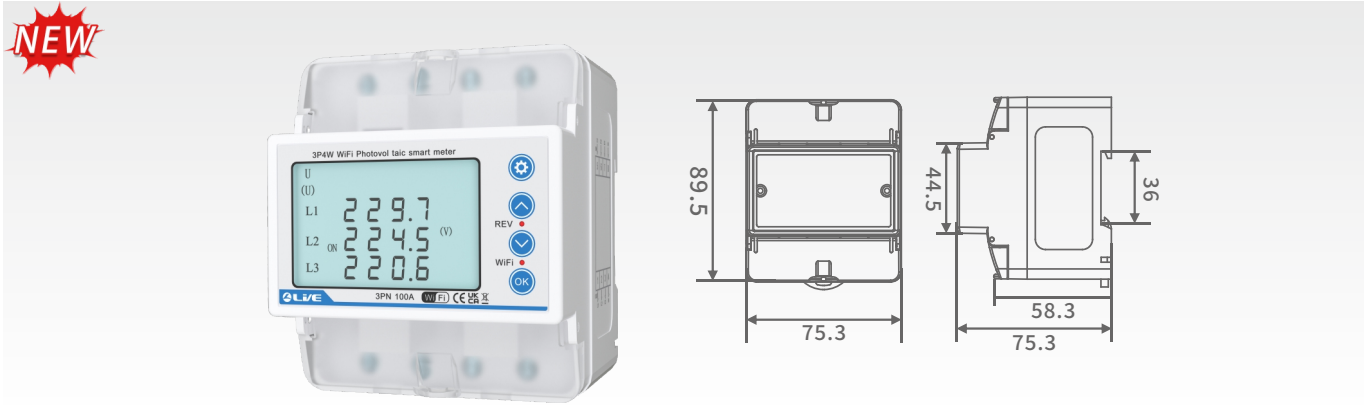


Technical Data

- Rated current(I_e): 40A,63A,80A,100A.
- Pole:3P,5P.
- Rate voltage (U_e): 230V/400VAC.
- Rated short-circuit capacity (I_{cn}): 6kA.
- Insulation voltage(U_i): 690V.
- Rated frequency: 50/60Hz.
- Tripping Type: Type C.
- Automatic Closing Time: 5s (customizable).
- Rated Impulse Withstand Voltage: 4kV.
- Standard: BS EN 60947.
- Protection degree: IP20.

Part No	Description	Box Qty
LRS340C	3P 40A Automatic reclosing switch	60
LRS363C	3P 63A Automatic reclosing switch	60
LRS380C	3P 80A Automatic reclosing switch	60
LRS3100C	3P 100A Automatic reclosing switch	60
LRS540C	5P 40A Automatic reclosing switch	36
LRS563C	5P 63A Automatic reclosing switch	36
LRS580C	5P 80A Automatic reclosing switch	36
LRS5100C	5P 100A Automatic reclosing switch	36

WiFi Smart Three Phase Energy Meter&Protector



- Technical Data**

 - 3P+N 1-100A Adjustable.
 - Voltage:60V-300V Adjustable.
 - Over Voltage Protection.
 - Under Voltage Protection.
 - Over Current Protection.
 - Under Current Protection.
 - Delay Protection.
- Timer Switch.
 - Voltage Imbalance Protection.
 - Current Imbalance Protection.
 - Shortage Phase Protection.
 - Phase Sequence Protection.
 - High Temperature Protection.
 - Bidirectional Energy Monitor.

Part No	Description	Box Qty
MP3100	3P+N 1-100A Adjustable WiFi Smart Three Phase Energy Meter	36

WiFi Switch



- Technical Data**

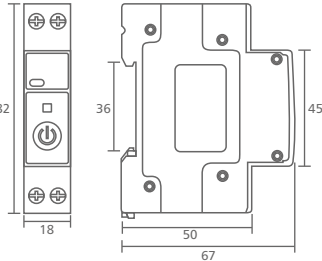
 - Protocol: WiFi (Default).
 - Rated operating voltage range: 100V-240V.
 - Control Type: Remote control, Manual.
 - Poles description: 1P+N (N Pole Pass-through).
 - Customization: SigMesh/ZigBee.
 - Under & Over Voltage Protection.
 - kWh Energy Metering.
 - Mobile App Controlled.
 - Over current Trip setting.
 - Overload setting.
 - Timing.
 - Loop timing.
 - Voice control.
 - Countdown.
 - Real-time monitoring of electricity consumption.
 - Standard: IEC 60947.
 - IP20.
 - Mounting type: Din Rail.
-

Part No	Description	Box Qty
WCB1-63N	Metering with VA protection	100

WiFi Switch

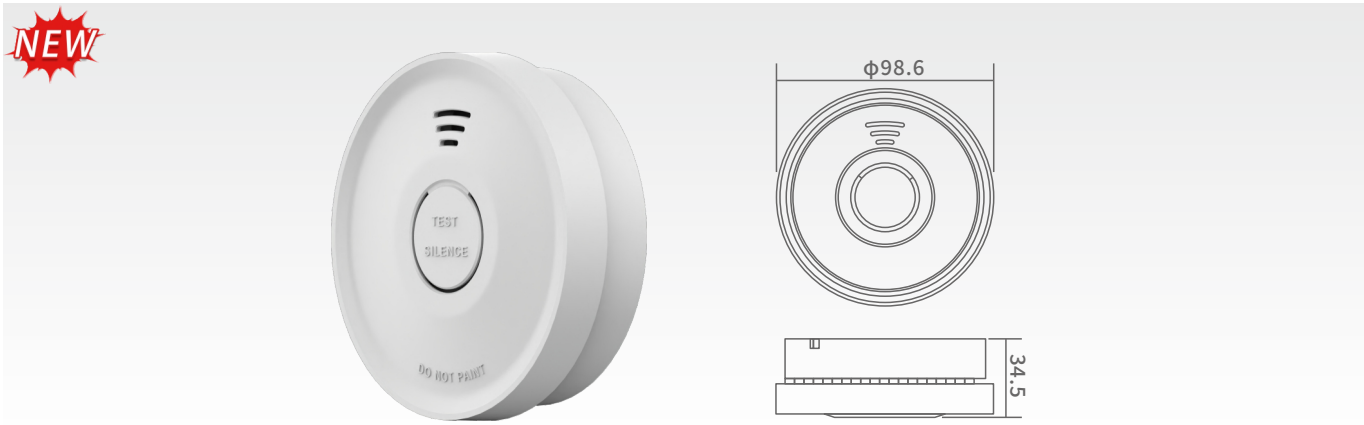


- Technical Data**
- Protocol: WiFi (Default).
 - Rated operating voltage range: 100V-240V.
 - Control Type: Remote control, Manual.
 - Poles description: 1P+N (N Pole Pass-through).
 - Customization: SigMesh/ZigBee.
 - Under & Over Voltage Protection.
 - kWh Energy Metering.
 - Mobile App Controlled.
 - Over current Trip setting.
 - Leakage current setting & overload setting.
 - Remote control.
 - Timing.
 - Loop timing.
 - Voice control.
 - Countdown.
 - Real-time monitoring of electricity consumption.
 - Standard: IEC 60947.
 - IP20.
 - Mounting type: Din Rail.



Part No	Description	Box Qty
WRB1-63N	Metering with VA&RCD protection	100

Smoke Alarm



- Features**
- High performance optical sensor.
 - 9V replaceable battery.
 - Automatic dust-proof system.
 - Easy-install mounting plate design.
 - Large easy to use TEST/SILENCE button.
 - Alarm volume more than 85dB(A) 3 meters.
 - Audible warnings signal both faults and low batteryconditions.

- Technical Data**
- Power Source:DC 9V battery (1-year Carbon Zinc battery/5-year Alkaline Battery).
 - Quiescent Current:<15μA.
 - Alarm Current: <35mA.
 - Alarm Volume:>85dB(A) @3 meters.
 - Silence Time:Approx.10 minutes.
 - Operating Humidity Range:<93% relative humidity (RH) .
 - Operating Temperature Range:0°C to 40°C.
 - Comply with Standard:EN 14604:2005/AC:2008.

Part No	Description	Box Qty
SA101	9V Battery Photoelectric Smoke Alarm	48

Smoke Alarm



Features

- High performance optical sensor.
- 10-Year Built-In Lithium Battery.
- Automatic dust-proof system.
- Easy-install mounting plate design.
- Large easy to use TEST/SILENCE button.
- Alarm volume more than 85dB(A) @ 3 meters.
- Audible warnings signal both faults and low battery conditions.

Technical Data

- Power Source:10-Year Built-In Lithium Battery.
- Quiescent Current:<10μA.
- Alarm Current: <90mA.
- Alarm Volume:>85dB(A) @3 meters.
- Silence Time:Approx.10 minutes.
- Operating Humidity Range:<93% relative humidity (RH).
- Operating Temperature Range:0°C to 40°C.
- Comply with Standard:EN 14604:2005/AC:2008.

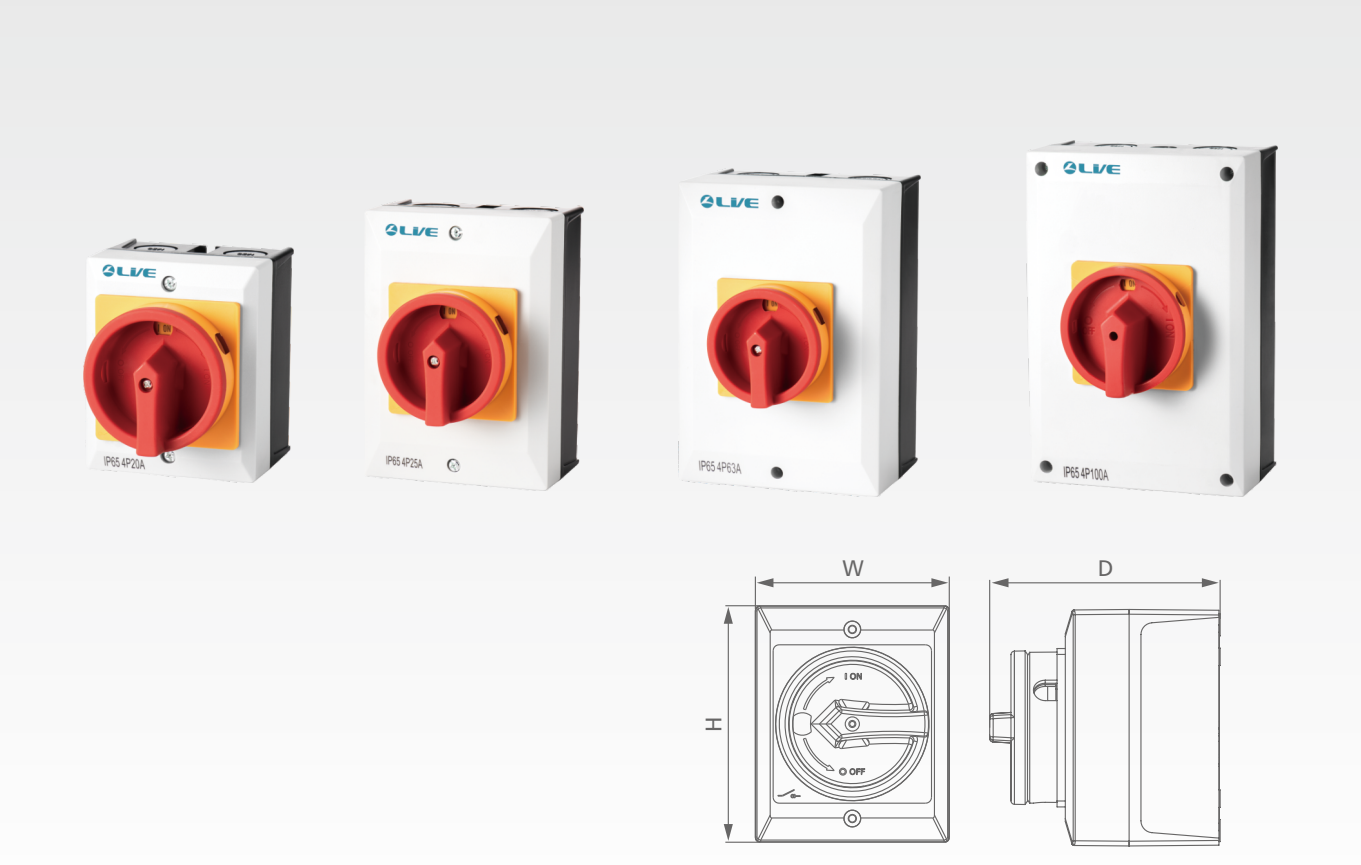
Part No	Description	Box Qty
SA001	3V Battery 10-Year Photoelectric Smoke Alarm	48

ROTARY ISOLATOR AND INDUSTRIAL CONNECTOR

LIVE ELECTRICAL
DISTRIBUTION
UK LTD



Weatherproof Rotary Isolator Switch



Description & Features

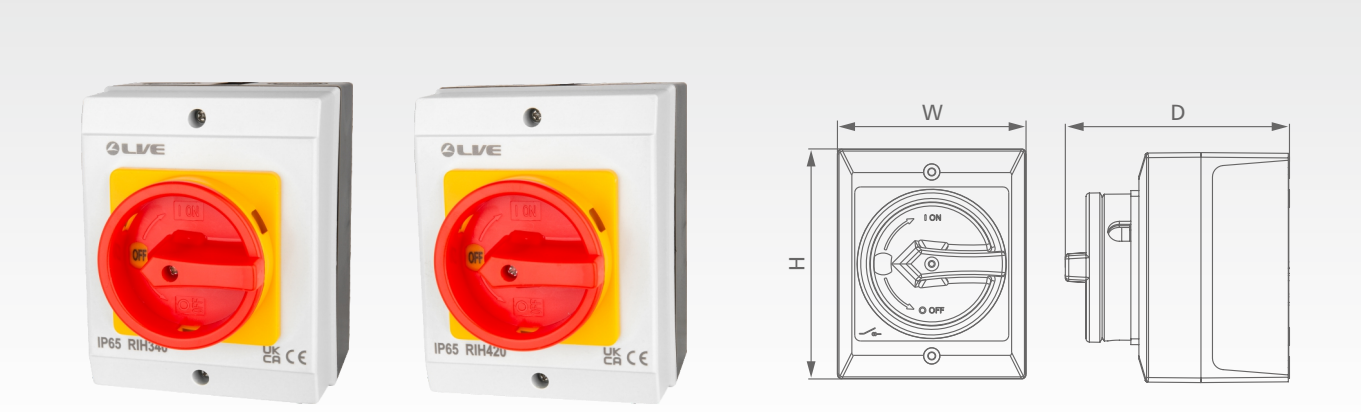
The LVE weatherproof rotary isolator switch range is manufactured from tough, durable thermoplastic for outdoor switching protection. Designed with safety in mind, the interlocked front covers can only be removed when in OFF position. Lockable switch prevents tampering.

Technical Data

- IP Rating IP65.
- Contorms To BS-EN 60947-3.
- Tough durable thermoplastic construction.
- Interlock front cover can only be removed when in the off position.
- Operating Voltage:230V AC /400 V AC.
- Switch can be removed from DIN rail assembly allowing quick and easy first fix.
- Cable entry knockouts on enclosures,(20-63A:20&25mm, 100A:20&25&32mm).
- Terminal capacity20A:2.5mm²,25A-32A: 6mm²,40A-50A: 10mm²,63A: 16mm²,80A-100A: 25mm².

Part No	Description	Box Qty	Dimensions		
			W	H	D
RI420	4 Pole 20A Weatherproof Rotary Isolator	40	82	100	98
RI425	4 Pole 25A Weatherproof Rotary Isolator	30	100	140	100
RI432	4 Pole 32A Weatherproof Rotary Isolator	30	100	140	100
RI440	4 Pole 40A Weatherproof Rotary Isolator	20	121	175	123
RI463	4 Pole 63A Weatherproof Rotary Isolator	20	121	175	123
RI4100	4 Pole 100A Weatherproof Rotary Isolator	10	160	240	138
RI420-L	4 Pole 20A Weatherproof Rotary Isolator , big box	30	100	140	100

Weatherproof Rotary Isolator Switch



Description & Features

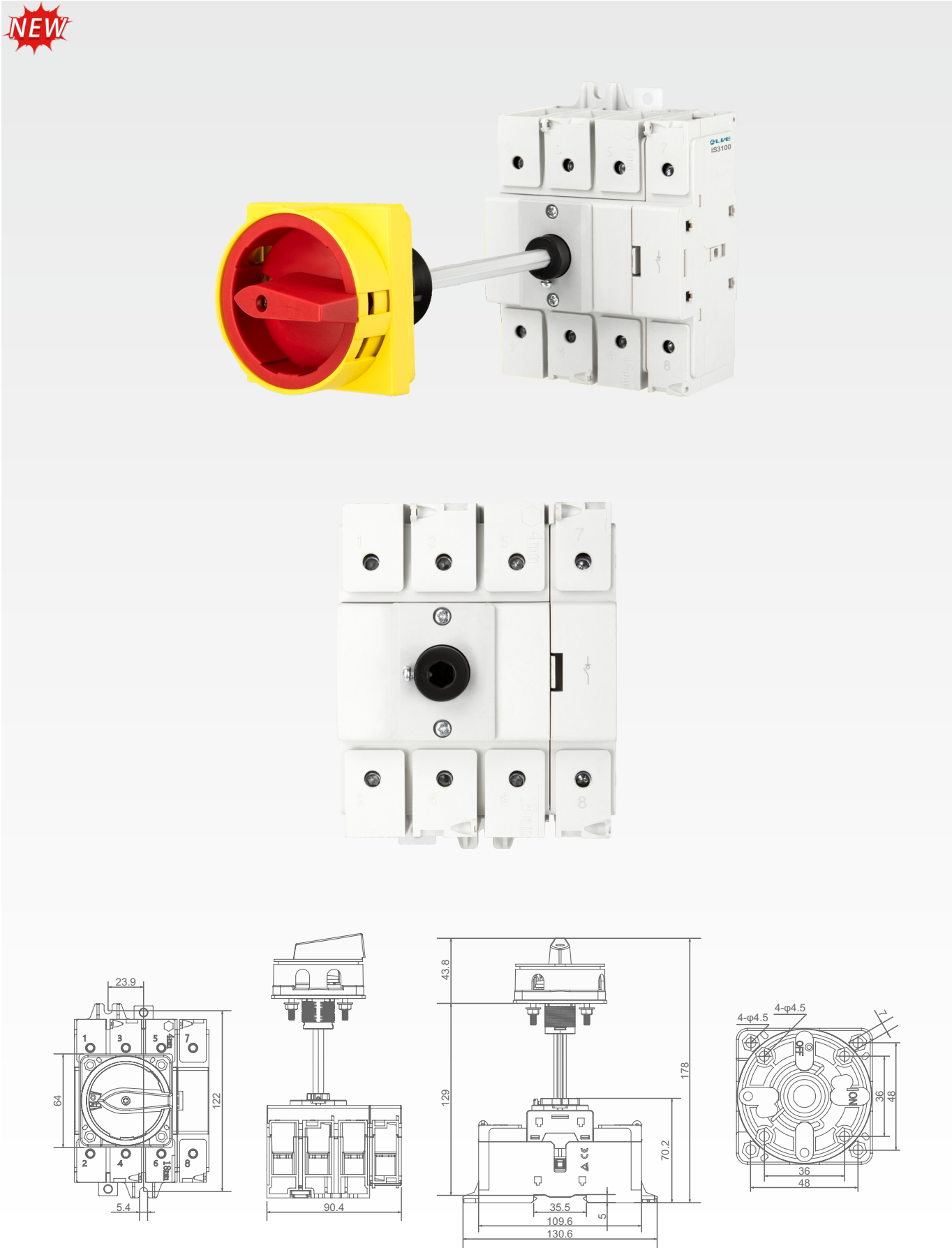
The LVE weatherproof rotary isolator switch range is manufactured from tough, durable thermoplastic for outdoor switching protection. Designed with safety in mind, the interlocked front covers can only be removed when in OFF position. Lockable switch prevents tampering.

Technical Data

- Poles:3P/4P.
- Rated current:16A,20A,25A,32A,40A,63A,80A,100A,125A.
- IP Rating :IP65.
- Standards: BSEN60947-3.
- Operating Voltage:230V AC /400 V AC.
- Terminal Torque:20~25A:1.5Nm, 32~63A:1.8Nm,80~100A:2.5Nm.
- Tough durable thermoplastic construction.
- Interlock front cover can only be removed when in the off position.
- Cable entry knockouts on enclosures(16-20A:20mm,25-63A:20&25mm, 100A:20&25&32mm).
- Terminal capacity20A:2.5mm²,25A-32A :6mm²,40A-50A- 10mm², 63A- 16mm²,80A-100A - 25mm².

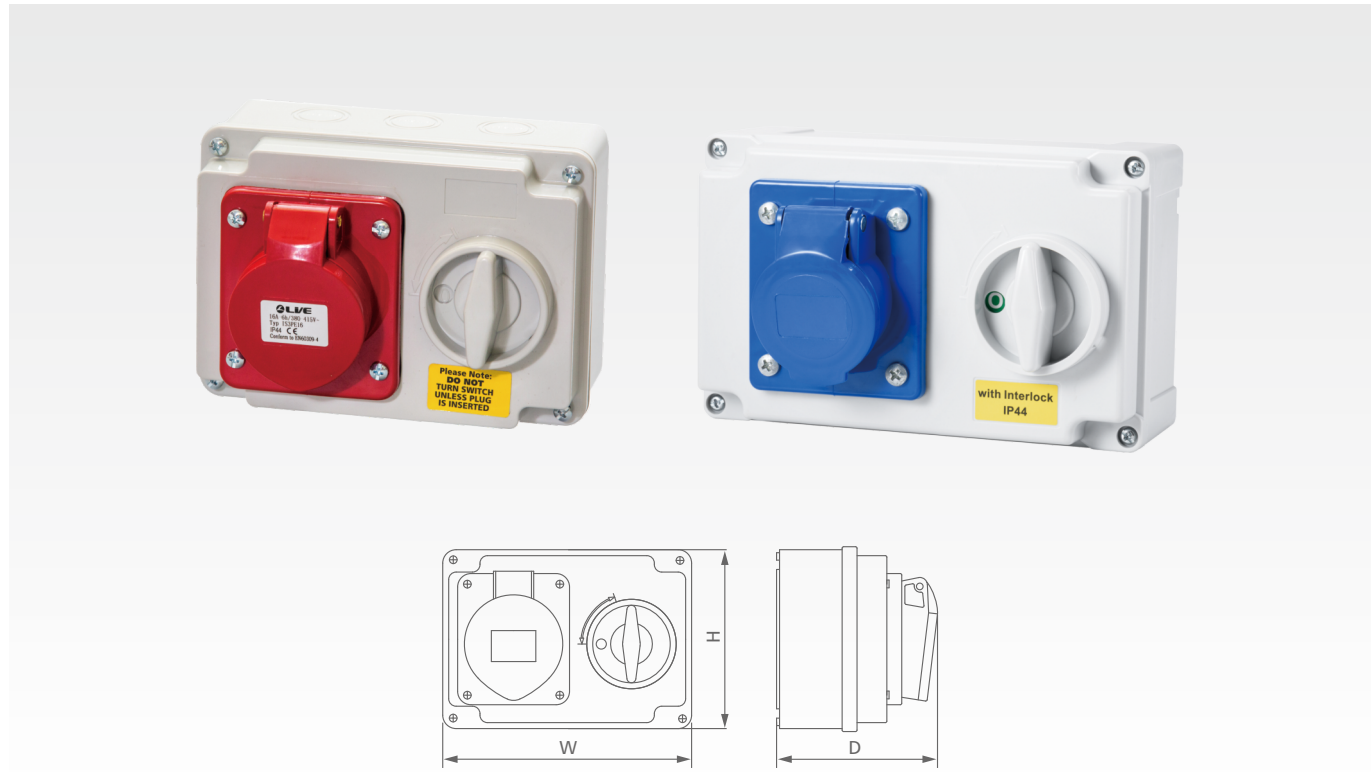
Part No	Description	Box Qty	Dimensions		
			W	H	D
RIH316	3 Pole 16A Weatherproof Rotary Isolator	30	80	100	102
RIH320	3 Pole 20A Weatherproof Rotary Isolator	30	100	125	116
RIH325	3 Pole 25A Weatherproof Rotary Isolator	30	100	125	116
RIH332	3 Pole 32A Weatherproof Rotary Isolator	30	100	125	116
RIH340	3 Pole 40A Weatherproof Rotary Isolator	30	100	125	116
RIH363	3 Pole 63A Weatherproof Rotary Isolator	30	115	173	119
RIH3100	3 Pole 100A Weatherproof Rotary Isolator	30	160	240	163
RIH416	4 Pole 16A Weatherproof Rotary Isolator	30	80	100	102
RIH420	4 Pole 20A Weatherproof Rotary Isolator	30	100	125	116
RIH425	4 Pole 25A Weatherproof Rotary Isolator	30	100	125	116
RIH432	4 Pole 32A Weatherproof Rotary Isolator	30	100	125	116
RIH440	4 Pole 40A Weatherproof Rotary Isolator	30	100	125	116
RIH463	4 Pole 63A Weatherproof Rotary Isolator	30	115	173	119
RIH4100	4 Pole 100A Weatherproof Rotary Isolator	30	160	240	163

Rotary Isolator Switch



Part No.	3P	IS316	IS320	IS325	IS332	IS340	IS363	IS380	IS3100	IS3100B	IS3125
	4P	IS416	IS420	IS425	IS432	IS440	IS463	IS480	IS4100	IS4100B	IS4125
Current Agreed heating current		16A	20A	25A	32A	40A	63A	80A	100A	100A	125A
IEC rated operational current Ie AC-21A/B(≤690V)		16A/16A	20A/20A	25A/25A	32A/32A	40A/40A	63A/63A	80A/80A	100A/100A	100A/100A	125A/125A
IEC rated operational Current Ie AC-22A/B	415V	16A/16A	20A/20A	25A/25A	32A/32A	40A/40A	63A/63A	80A/80A	100A/100A	100A/100A	125A/125A
	500V					32A/40A	40A/63A	63A/80A	63A/80A	80A/100A	100A/125A
	690V										
IEC rated operational current Ie AC-23A/B	415V	16A/6A	20A/20A	25A/25A	32A/32A	40A/40A	63A/63A	80A/80A	100A/100A	100A/100A	125A125A
	500V				25A/25A		63A/63A			80A/80A	100A/100A
	690V						40A/40A			63A/63A	63A/63A
IEC rated operational Current Ie DC-21B	110VDC	16A ^①	20A ^①	25A ^①	32A ^①	40A ^①	63A ^①	80A ^①	100A ^①	100A ^①	125A ^①
	250VDC	16A ^②	20A ^②	25A ^②	32A ^②	40A ^②	63A ^②	80A ^②	100A ^②	100A ^②	125A ^②
	400VDC	16A ^③	20A ^③	25A ^③	25A ^③		40A ^③			63A ^③	
IEC rated operational power(3 phase) AC-23A/B	415V	7.5KW	9KW	11KW	15KW	18.5KW	30KW	37KW	45KW		55KW
	500V			11KW							
	690V										
Short circuit withstand current of fuse protection(kA rms expected value)											
Fuse class	415V	16A	20A	25A	32A	40A	63A	80A	100A		125A
Rated conditional short-circuit current	415V	50kA								25kA	
Short cruit withstand current of circuit breaker for protection,any circuit breaker that can trip within 0.3S											
Rated short-time withstand current	0.3S	2.5KA					3KA			5KA	
Short circuit performance(unprotected)											
Rated short-time withstand current	1S	1.26KA					1.5KA			2.75KA	
Rated short circuit making capacity		1.8KA					2.1KA			3.9KA	
Cross area of terminals		1.5~16mm ²					2.5~35mm ²			10~70mm ²	
Torque setting		0.3-0.55Nm									
Rated insulation voltage Ui		800V									
Rated impulse withstand voltage Uimp		8kV									
Mechanical Endurance		100000									
①Each pole is used as positive and negative.											
②Three poles are used in series with positive and negative poles,of which two poles are in series,and the other is negative.											
③four poles are used in series with positive and negative poles.											

Interlocked Switched Sockets

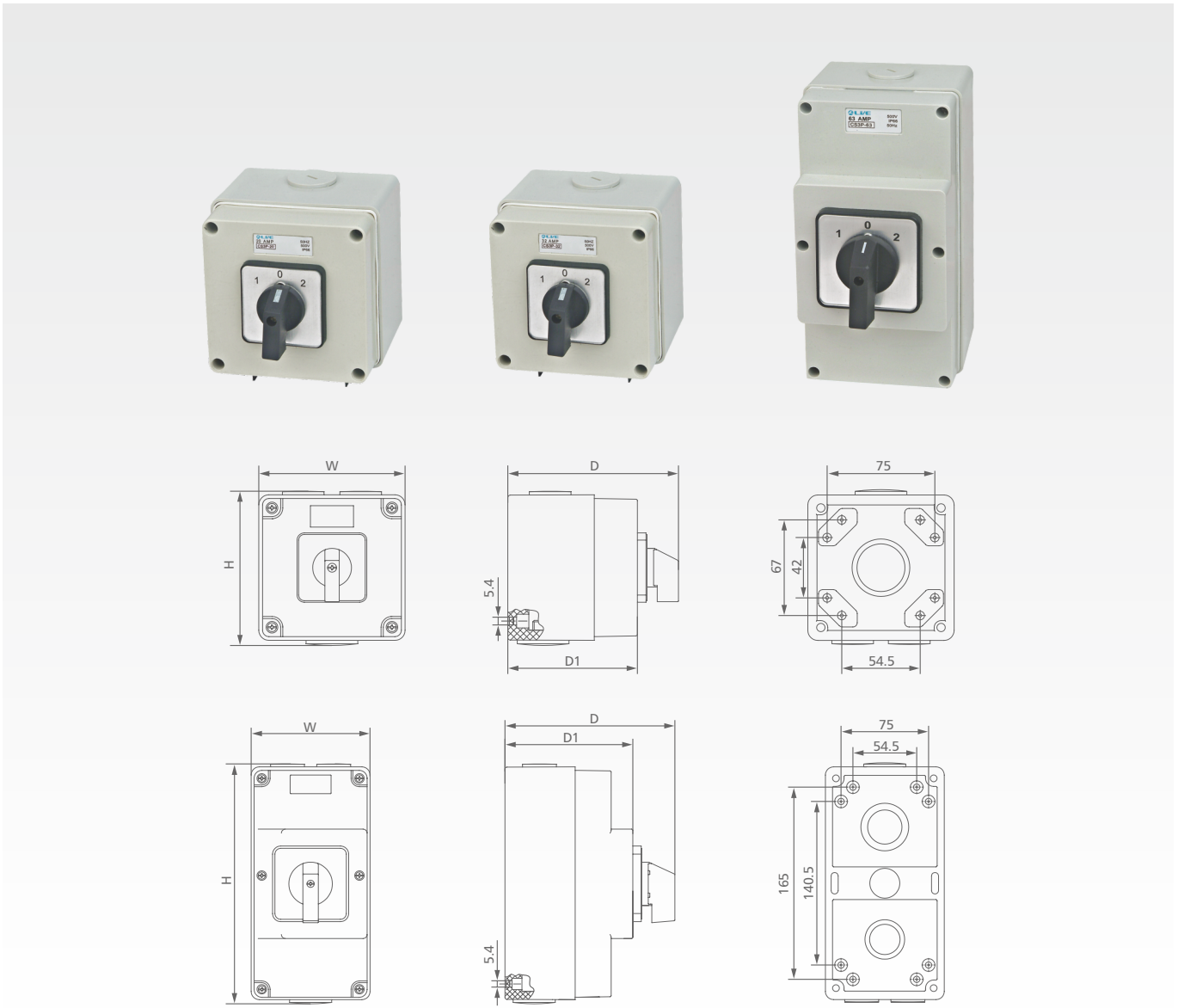


Features & Benefits

- Interlock ensures that socket is switched off before plug can be removed.
- IP44 rated.
- Rated voltage: AC 230&400V~.
- Operation Temperature: -25+40°C.
- Rated current: 16A, 32A.
- Material: Flame Retardant PA66.
- Standards: BS EN60309-4, BS EN60309-1, BS EN60309-2.
- Terminal capacity: 16A:2.5mm², 32A:6mm².

Part No	Description	Box Qty	Dimensions		
			W	H	D
IS2PE16	Wall Mounted Socket with interlock 16A 2P+E/Blue	20	167	120	108
IS3PE16	Wall Mounted Socket with interlock 16A 3P+E/Red	20	167	120	108
IS3PNE16	Wall Mounted Socket with interlock 16A 3P+N+E/Red	20	167	120	108
IS2PE32	Wall Mounted Socket with interlock 32A 2P+E/Blue	20	167	120	108
IS3PE32	Wall Mounted Socket with interlock 32A 3P+E/Red	20	167	120	108
IS3PNE32	Wall Mounted Socket with interlock 32A 3P+N+E /Red	20	167	120	108

Changeover Switch IP66



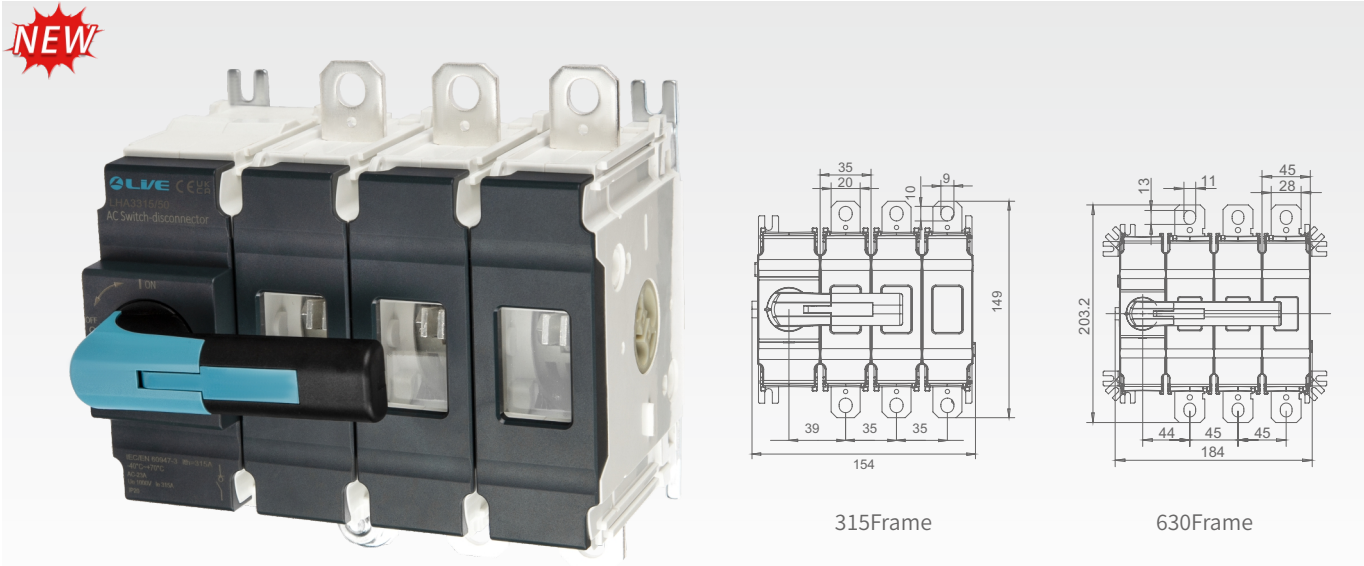
Description & Features

The LVE range of changeover switches are presented in robust flame retardant enclosures for surface mounting.

- 3 Position with centre off.
- IP66 Water and dust protection.
- Terminal capacity: 20-32A:6mm², 63A:16mm².
- Knockouts: 25&32 mm top and bottom.
- Knockouts top & bottom.
- Complies with BS EN60947-3.
- Rated voltage: 230V AC / 400V AC.

Part No	Description	Box Qty	Dimensions			
			W	H	D1	D
CS3P20	3 Pole 20A Changeover Switch	40	101	110	90	120
CS3P25	3 Pole 25A Changeover Switch	40	101	110	90	120
CS3P32	3 Pole 32A Changeover Switch	40	101	110	90	120
CS3P63	3 Pole 63A Changeover Switch	40	101	210	110	148

AC Isolation Switch



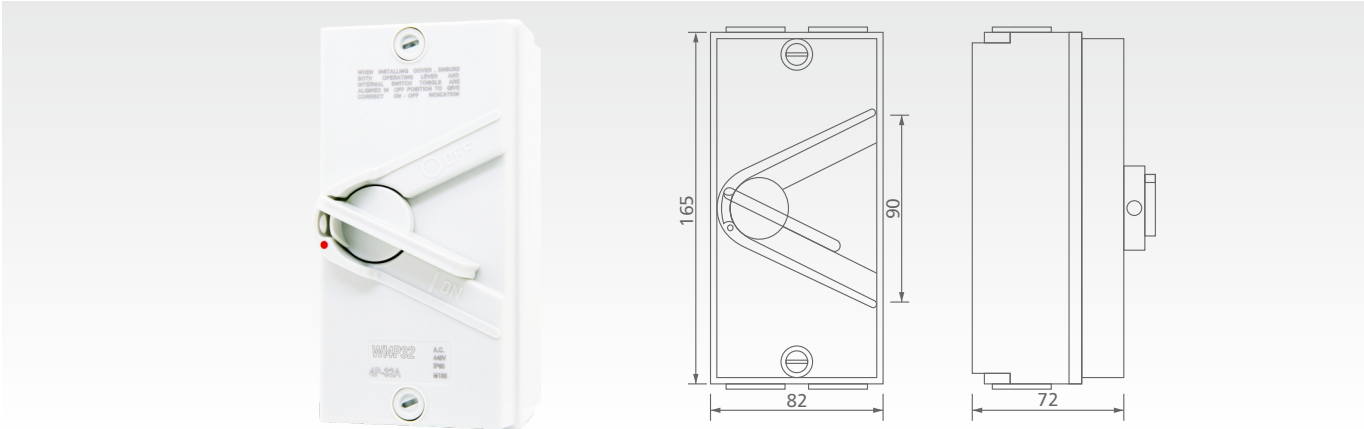
Installation Method:

DB: Directly operate the handle in the cabinet.
DC: Outside handle.

Rated current Ie					160A	250A	315A	400A	630A	800A	
Frame size					315				630		
Thermal current (Ith)					160	250	315	400	630	800	
Rated insulation voltage (Ui)					1000	1000	1000	1000	1000	1000	
Rated impulse withstand voltage Uimp (KV)					12	12	12	12	12	12	
Code	Number of poles		Rated voltage	Utilisation category	Ie(A)	Ie(A)	Ie(A)	Ie(A)	Ie(A)	Ie(A)	
LHA	3P	4P	500VAC	AC-20A/AC-20B	160	250	315	400	630	800	
LHA	3P	4P	500VAC	AC-21A/AC-21B	160	250	315	400	630	800	
LHA	3P	4P	500VAC	AC-22A/AC-22B	160	250	315	400	630	800	
LHA	3P	4P	500VAC	AC-23A/AC-23B	160	250	315	400	630	800	
LHA	3P	4P	690VAC	AC-20A/AC-20B	160	250	315	400	630	800	
LHA	3P	4P	690VAC	AC-21A/AC-21B	160	250	315	400	630	800	
LHA	3P	4P	690VAC	AC-22A/AC-22B	160	250	315	400	630	800	
LHA	3P	4P	690VAC	AC-23A/AC-23B	160	250	315	400	630	800	
LHA	3P	4P	1000VAC	AC-20A/AC-20B	160	250	315	400	630	800	
LHA	3P	4P	1000VAC	AC-21A/AC-21B	160	250	315	400	630	800	
LHA	3P	4P	1000VAC	AC-22A/AC-22B	160	250	315	400	630	800	
LHA	3P	4P	1000VAC	AC-23A/AC-23B	80	125	160	200	315	400	
Short-circuit capacity (1000VAC no protection)											
Rated short time withstand current Icw 1s (kAeff)					Icw	8	8	15	15	20	20
Rated short-circuit making capacity Icm(kA peak)- 60 ms					Icm	30	30	65	65	80	80
Cable											
Recommended Cu rigid cable cross section(mm²)					70	150	185	240	2x185	2x240	
Recommended Cu busbar width(mm²)					-	-	-	-	2x40x5	2x50x5	
Mechanical characteristics											
Durability (number of operating cycles)					8000	8000	8000	8000	8000	8000	
Number of cycles of operation with current					1000	1000	1000	1000	1000	1000	
Rated operational power											
LHA (Kw)			230V	AC-23	48	75	100	132	200	250	
LHA (Kw)			400V	AC-23	80	140	160	220	355	450	
LHA (Kw)			415V	AC-23	88	145	180	230	355	450	
LHA (Kw)			500V	AC-23	112	170	220	280	400	560	
LHA (Kw)			690V	AC-23	144	250	315	400	630	800	

Part No	Description
LHA3160/50 DB	3P 160A 500VAC High Voltage Isolation Switch With lock
LHA3250/50 DB	3P 250A 500VAC High Voltage Isolation Switch With lock
LHA3315/50 DB	3P 315A 500VAC High Voltage Isolation Switch With lock
LHA3400/50 DB	3P 400A 500VAC High Voltage Isolation Switch With lock
LHA3630/50 DB	3P 630A 500VAC High Voltage Isolation Switch With lock
LHA3800/50 DB	3P 800A 500VAC High Voltage Isolation Switch With lock
LHA4160/50 DB	4P 160A 500VAC High Voltage Isolation Switch With lock
LHA4250/50 DB	4P 250A 500VAC High Voltage Isolation Switch With lock
LHA4315/50 DB	4P 315A 500VAC High Voltage Isolation Switch With lock
LHA4400/50 DB	4P 400A 500VAC High Voltage Isolation Switch With lock
LHA4630/50 DB	4P 630A 500VAC High Voltage Isolation Switch With lock
LHA4800/50 DB	4P 800A 500VAC High Voltage Isolation Switch With lock
LHA3160/69 DB	3P 160A 690VAC High Voltage Isolation Switch With lock
LHA3250/69 DB	3P 250A 690VAC High Voltage Isolation Switch With lock
LHA3315/69 DB	3P 315A 690VAC High Voltage Isolation Switch With lock
LHA3400/69 DB	3P 400A 690VAC High Voltage Isolation Switch With lock
LHA3630/69 DB	3P 630A 690VAC High Voltage Isolation Switch With lock
LHA3800/69 DB	3P 800A 690VAC High Voltage Isolation Switch With lock
LHA4160/69 DB	4P 160A 690VAC High Voltage Isolation Switch With lock
LHA4250/69 DB	4P 250A 690VAC High Voltage Isolation Switch With lock
LHA4315/69 DB	4P 315A 690VAC High Voltage Isolation Switch With lock
LHA4400/69 DB	4P 400A 690VAC High Voltage Isolation Switch With lock
LHA4630/69 DB	4P 630A 690VAC High Voltage Isolation Switch With lock
LHA4800/69 DB	4P 800A 690VAC High Voltage Isolation Switch With lock
LHA3160/100 DB	3P 160A 1000VAC High Voltage Isolation Switch With lock
LHA3250/100 DB	3P 250A 1000VAC High Voltage Isolation Switch With lock
LHA3315/100 DB	3P 315A 1000VAC High Voltage Isolation Switch With lock
LHA3400/100 DB	3P 400A 1000VAC High Voltage Isolation Switch With lock
LHA3630/100 DB	3P 630A 1000VAC High Voltage Isolation Switch With lock
LHA3800/100 DB	3P 800A 1000VAC High Voltage Isolation Switch With lock
LHA4160/100 DB	4P 160A 1000VAC High Voltage Isolation Switch With lock
LHA4250/100 DB	4P 250A 1000VAC High Voltage Isolation Switch With lock
LHA4315/100 DB	4P 315A 1000VAC High Voltage Isolation Switch With lock
LHA4400/100 DB	4P 400A 1000VAC High Voltage Isolation Switch With lock
LHA4630/100 DB	4P 630A 1000VAC High Voltage Isolation Switch With lock
LHA4800/100 DB	4P 800A 1000VAC High Voltage Isolation Switch With lock

Waterproof Isolator Switch

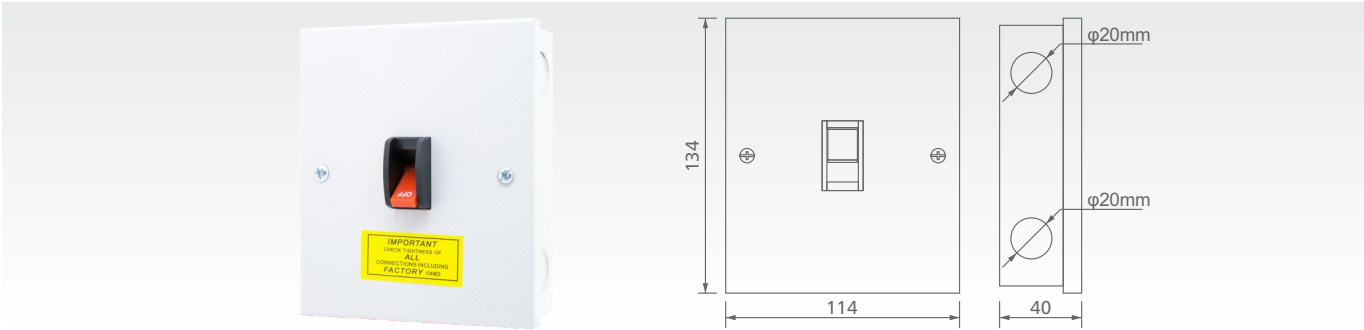


Description & Features

- The WI series of weather-resistant isolation switches have a wide range of applications, suitable for any outdoor application conditions. Including single pole, double pole, three pole, four pole switch, the current range of 20A to 63A. The base mounting device provides easier termination and more wiring space.
- Threaded fittings and threaded reducer fittings are supplied for 25mm or 20mm pipe and nut connections.
- Nuts must conform to IP class.
- Impact-resistant base and cover can withstand violent impact in almost all installation conditions. The two parts are sealed by a weatherproof sealing gasket.
- For safety, a 7mm diameter hole is provided for locking the lever in the OFF position. Deep mounted partitions ensure that the lever is protected against accidental manipulation.
- Operating voltage:250V/440V.
- Poles:1P,2P,3P,4P.
- All devices comply with IEC60947-3.
- Standard Colors: white/grey.
- Weatherproof to IP65.
- Terminal capacity: 16mm²

Part No	Description	Box Qty
WI2P20A	2Pole 20Amps	20
WI2P32A	2Pole 32Amps	20
WI2P40A	2Pole 40Amps	20
WI2P63A	2Pole 63Amps	20
WI3P20A	3Pole 20Amps	20
WI3P32A	3Pole 32Amps	20
WI3P40A	3Pole 40Amps	20
WI3P63A	3Pole 63Amps	20
WI4P20A	4Pole 20Amps	20
WI4P32A	4Pole 32Amps	20
WI4P40A	4Pole 40Amps	20
WI4P63A	4Pole 63Amps	20

Metal Isolator Switch



- Terminal capacity: 16mm².

Part No	Description	Box Qty
TPNI32	32A TP+N METAL	20

IP65 Waterproof Metal Isolator Switch

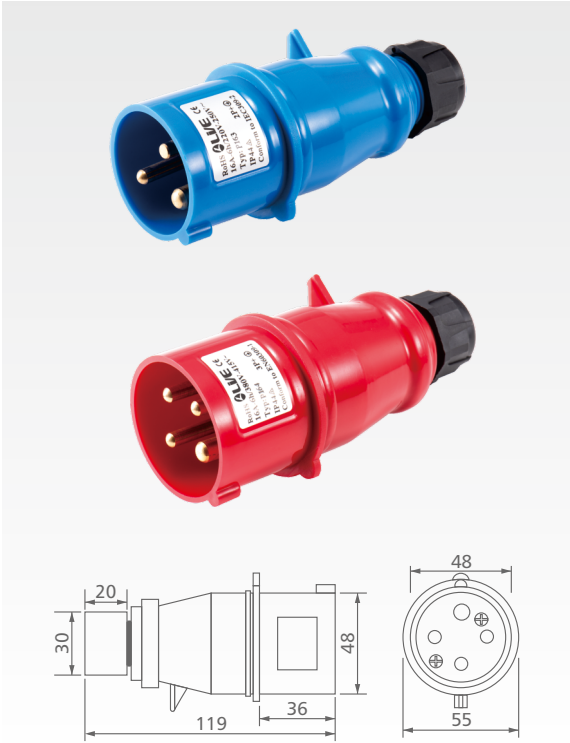


- Poles: 4P.
- Material: ABS+Brass+silver contact.
- Capacity:25A,32A,40A,63A,80A,100A.
- Working height: ≤2,000m.
- IP rating:IP65.
- Terminal capacity:25-32A:6mm²,40-63A:16mm²,80-100A:35mm².

Control Current Part No.	Type	IEC/BS/VD Technical Data					
		Rated thermal current	Resistive load	Rated operational current		AC3 Max. horsepower rating/motor FLA current	
				3x220-240V	3x380-440V	3x220-240V	3x380-440V
WMI425		25A	25A	4KW	7.5KW	3KW	5.5KW
WMI432		32A	32A	5.5KW	11KW	4KW	7.5KW
WMI440		40A	40A	7.5KW	15KW	7.5KW	11KW
WMI463		63A	63A	11KW	22KW	11KW	12.5KW
WMI480		80A	80A	18.5KW	30KW	15KW	22KW
WMI4100		100A	100A	22KW	37KW	18.5KW	30KW

Part No	Description	Box Qty	Dimensions			
			W	H	D1	D2
WMI425	4P 25A IP65 Waterproof Metal Isolator Switch	1	300	300	236	196
WMI432	4P 32A IP65 Waterproof Metal Isolator Switch	1	300	300	236	196
WMI440	4P 40A IP65 Waterproof Metal Isolator Switch	1	300	300	236	196
WMI463	4P 63A IP65 Waterproof Metal Isolator Switch	1	300	300	236	196
WMI480	4P 80A IP65 Waterproof Metal Isolator Switch	1	300	300	236	196
WMI4100	4P 100A IP65 Waterproof Metal Isolator Switch	1	300	300	236	196

Industrial Plugs, Sockets, Connectors

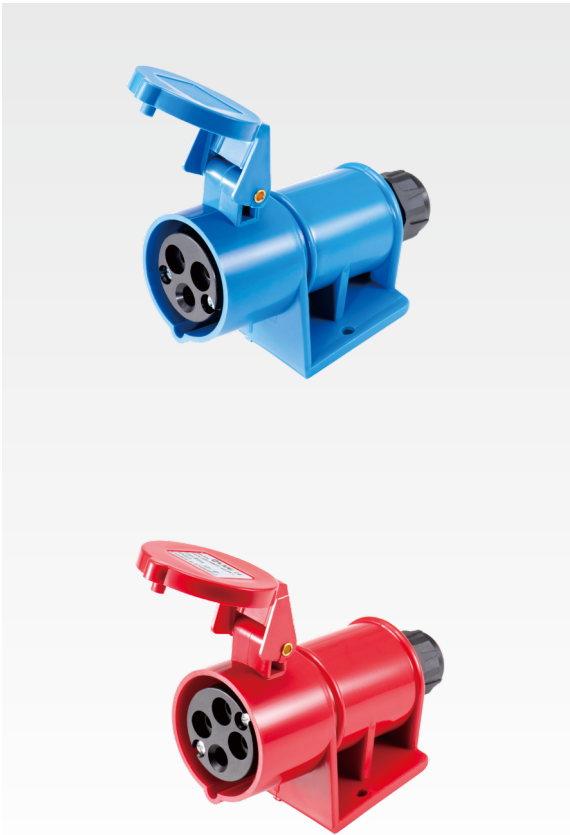


Industrial Plug

Part No	Description	Box Qty	Dimensions	
			W	H
P163	2 Pole+E, 16A	10	120	55
P164	3 Pole+E, 16A	10	120	58
P165	3 Pole+N+E, 16A	10	128	66
P323	2 Pole+E, 32A	10	137	67
P324	3 Pole+E, 32A	10	137	130
P325	3 Pole+N+E, 32A	10	145	75

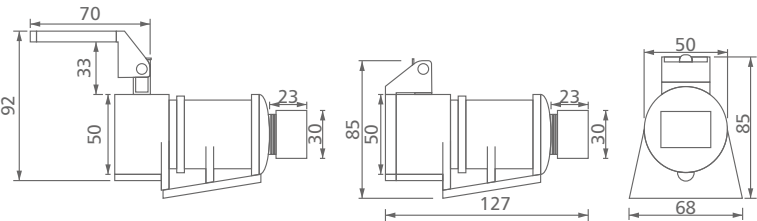
Technical Data

	P163	P164	P165	P323	P324	P325
Number of Poles	2P+E	3P+E	3P+N+E	2P+E	3P+E	3P+N+E
Rated current In(A)	16A	16A	16A	32A	32A	32A
Rated voltage Un	220V-250V~	380V-415V~	380V-415V~	220V-250V~	380V-415V~	380V-415V~
Degree of Protection	IP44	IP44	IP44	IP44	IP44	IP44
Conductor Cross-sections	1-2.5	1-2.5	1-2.5	2.5-6	2.5-6	2.5-6
Earthing Position	6h	6h	6h	6h	6h	6h



Industrial Surface Mounting Socket

Part No	Description	Box Qty	Dimensions	
			W	H
S163	2 Pole+E, 16A	10	130	88
S164	3 Pole+E, 16A	10	135	90
S165	3 Pole+N+E, 16A	10	137	100
S323	2 Pole+E, 32A	10	143	100
S324	3 Pole+E, 32A	10	143	105
S325	3 Pole+N+E, 32A	10	148	105



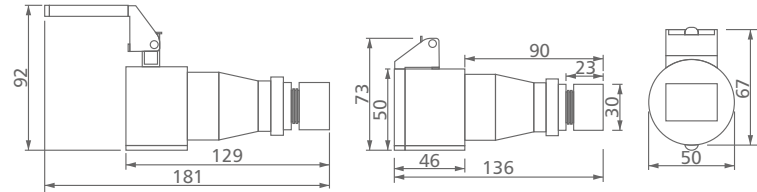
	S163	S164	S165	S323	S324	S325
Number of Poles	2P+E	3P+E	3P+N+E	2P+E	3P+E	3P+N+E
Rated current In(A)	16A	16A	16A	32A	32A	32A
Rated voltage Un	220V-250V~	380V-415V~	380V-415V~	220V-250V~	380V-415V~	380V-415V~
Degree of Protection	IP44	IP44	IP44	IP44	IP44	IP44
Conductor Cross-sections	1-2.5	1-2.5	1-2.5	2.5-6	2.5-6	2.5-6
Earthing Position	6h	6h	6h	6h	6h	6h

Industrial Plugs, Sockets, Connectors



Industrial Connector

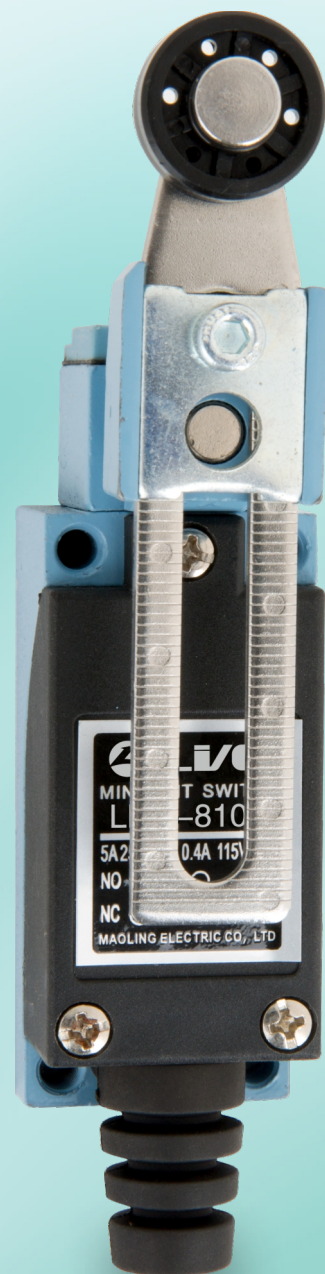
Part No	Description	Box Qty	Dimensions	
			W	H
C163	2 Pole+E, 16A	10	130	75
C164	3 Pole+E, 16A	10	130	80
C165	3 Pole+N+E, 16A	10	136	87
C323	2 Pole+E, 32A	10	145	85
C324	3 Pole+E, 32A	10	145	85
C325	3 Pole+N+E, 32A	10	150	95



	C163	C164	C165	C323	C324	C325
Number of Poles	2P+E	3P+E	3P+N+E	2P+E	3P+E	3P+N+E
Rated current In(A)	16A	16A	16A	32A	32A	32A
Rated voltage Un	220V-250V~	380V-415V~	380V-415V~	220V-250V~	380V-415V~	380V-415V~
Degree of Protection	IP44	IP44	IP44	IP44	IP44	IP44
Conductor Cross-sections	1-2.5	1-2.5	1-2.5	2.5-6	2.5-6	2.5-6
Earthing Position	6h	6h	6h	6h	6h	6h

LIMIT SWITCH

LIVE ELECTRICAL
DISTRIBUTION
UK LTD



Limit Switch



LME-8104

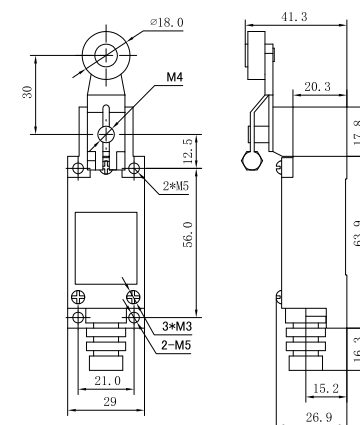
LME-8107

LME-8108

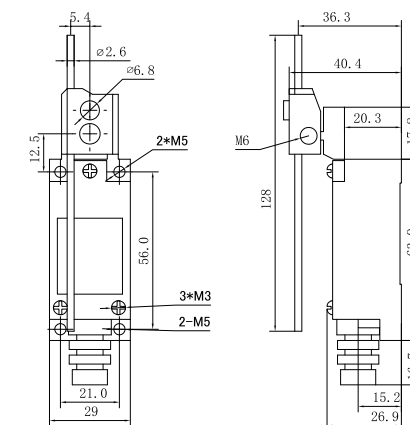
LME-8111

LME-8112

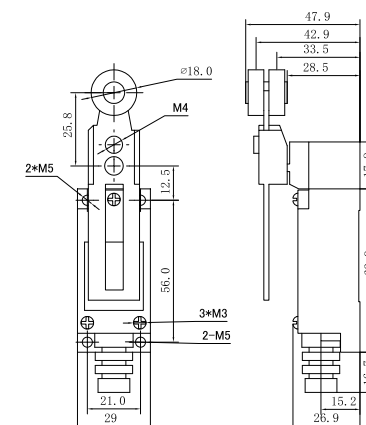
LME-8166



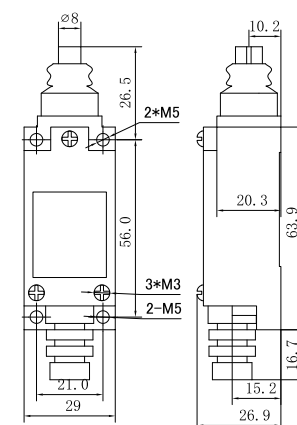
LME-8104



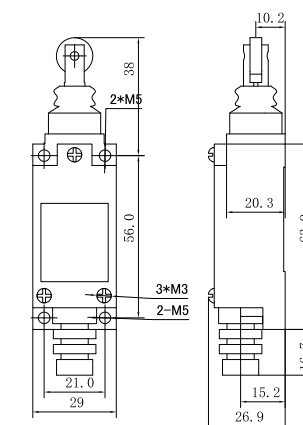
LME-8107



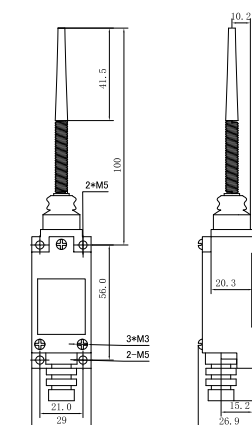
LME-8108



LME-8111



LME-8112



LME-8166

Limit Switch

Operating Characteristics

Part No.	LME-8104	LME-8108	LME-8107	LME-8111	LME-8112	LME-8166
OF (Max)	750gf	750gf	750gf	900gf	900gf	150gf
RF (Min)	100gf	100gf	100gf	150gf	150gf	
PT (Max)	20°	20°	20°	1.5mm	1.5mm	30mm
OT (Min)	50°	50°	50°	4mm	4mm	
MD (Max)	12°	12°	12°	1mm	1mm	
OP(mm)				26±0.8mm	37±0.8mm	

FEATURE

- Double circuit type of limit switch (DPFT).
- Small volume water-proof and oil-proof construction Built-in micro switch with double spring machine, longer mechanical life.
- Easy wiring.

Technical Date

Contact voltage	Resistance load	Induced load
AC125V	5A	3A
AC250V	5A	2A
DC115V	0.4A	0.1A
Initial Contact Resistance	Maximum 15mΩ Voltage drop 6-8V at nominal current	
Initial Insulation Resistance	Min 100 mΩ	
Initial Break-Over Voltage	The average effective value between terminals that are not in series is 1000V per minute. The average effective value between fixed metals and terminals is 2000V per minute. The average effective value between ground and terminals is 2000V per minute	
Shock Resistance max	Free state:10G Running state:30G	
Vibration Resistance	Standard: Max 55Hz	
Ambient Temperature	-20°C~+60°C, -4~+140°F~~	
Ambient Humidity	<95%	
IP Rating	IP64	

FUSE AND FUSE HOLDER

LIVE ELECTRICAL
DISTRIBUTION
UK LTD



Fuse

Cylindrical fuse links gG class for use as general protection against overloads and short circuits, intended as protection of cables, power lines and equipment. Made of ceramic tube with high withstand to internal pressure and thermal shock, that allow a high breaking capacity in a reduced physical space.They Comply with IEC/ EN 60269.

10x38 Fuse



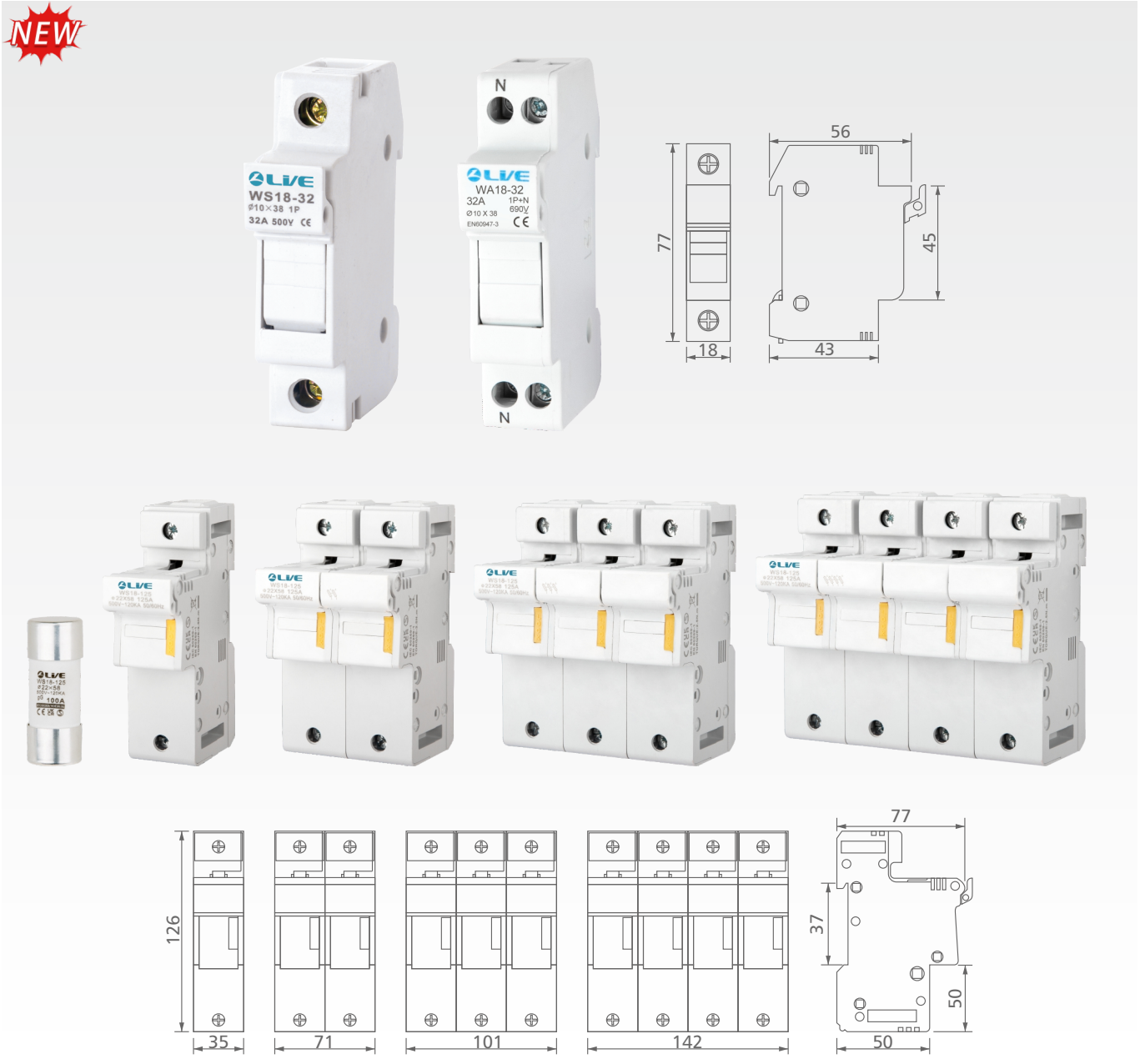
Part No.	Description	Function Class	U(v)	Breaking Capacity (kA)
FU2A10	2A 10x38 Fuse	gG	500	120
FU4A10	4A 10x38 Fuse	gG	500	120
FU6A10	6A 10x38 Fuse	gG	500	120
FU10A10	10A 10x38 Fuse	gG	500	120
FU16A10	16A 10x38 Fuse	gG	500	120
FU20A10	20A 10x38 Fuse	gG	500	120
FU32A10	32A 10x38 Fuse	gG	400	120

22x58 Fuse



Part No.	Description	Function Class	U(v)	Breaking Capacity (kA)
FU32A22	32A 22x58 Fuse	gG	690	80
FU40A22	40A 22x58 Fuse	gG	690	80
FU50A22	50A 22x58 Fuse	gG	690	80
FU63A22	63A 22x58 Fuse	gG	690	80
FU80A22	80A 22x58 Fuse	gG	500	120
FU100A22	100A 22x58 Fuse	gG	500	120
FU125A22	125A 22x88 Fuse	gG	500	120

Fuse Holder



LVE fuse holders are mainly used for protecting the electrical circuit against overload and short-circuits(gG/gL), they are made of a polymer high performance with a fusion temperature more than 300 °C. This provides a safety margin against a possible overheating of the fuse, and when it exceeds the rated power acceptance of the fuse holder. They for industrial cylindrical fuse links, for mounting on din rail. They Comply with IEC/ EN 60269. Terminal capacity: 32A:16mm²,125A:50mm².

Part No.	Description	Fuse Size	Max Rated Current	U(v)	Rated Power Dissipation	Max Power Dissipation
WS18-32	1P 32A Rail Mount Fuse Holder Without Fuse	10x38mm	32A	690V AC	3W	4W
WS18-32/1P+N	1P+N 32 A Rail Mount Fuse Holder Without Fuse	10x38mm	32A	690V AC	3W	4W
WS18-125	1P 125A Rail Mount Fuse Holder Without Fuse	22x58mm	125A	690V AC	9.5W	12W
WS18-125/2P	2P 125A Rail Mount Fuse Holder Without Fuse	22x58mm	125A	690V AC	9.5W	12W
WS18-125/3P	3P 125A Rail Mount Fuse Holder Without Fuse	22x58mm	125A	690V AC	9.5W	12W
WS18-125/4P	4P 125A Rail Mount Fuse Holder Without Fuse	22x58mm	125A	690V AC	9.5W	12W

SWITCH AND SOCKET

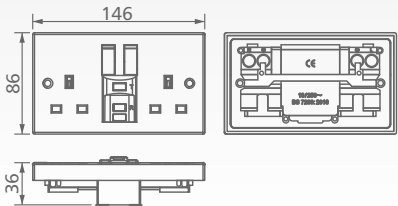
LIVE ELECTRICAL
DISTRIBUTION
UK LTD



White RCD Socket



RSPS213A/030-A



This LVE white RCD protected sockets range are protected by a 30mA RCD trip and is suitable to replace any standard 1 or 2 gang socket.We offer weatherproof socket enclosure range especially for white RCD socket when using equipment plugged into this socket such as Lawnmowers and other outdoor equipment. It complies with all relevant EN specifications and is CE certified.

Technical Data

- Operating Model: Latching(Passive).
- Operating Voltage: AC220-240V/50Hz.
- Current Rating Maximum operating current:13A.
- Fully complies with BS1363.
- Rated Trip Current: 30mA.
- Trip Speed: 40ms.
- Contact Break Double Pole.
- Cable Capacity 3×2.5mm2.
- Conforms To BS1363, BS7288.
- Tripping type: Type A.

Part No.	Description	Box Qty
RSPS213A/030-A	2 Gang Switched White RCD Socket 13A 30mA	40

White RCD Socket



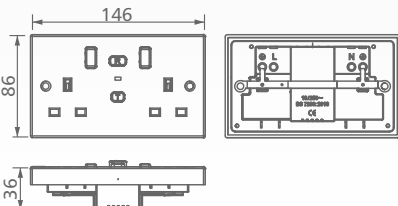
WSDKP-5



WSRSP-5



WSTKP-5



This LVE white RCD protected sockets range are protected by a 30mA RCD trip and is suitable to replace any standard 1 or 2 gang socket.We offer weatherproof socket enclosure range especially for white RCD socket when using equipment plugged into this socket such as Lawnmowers and other outdoor equipment. It complies with all relevant EN specifications and is CE certified.

Technical Data

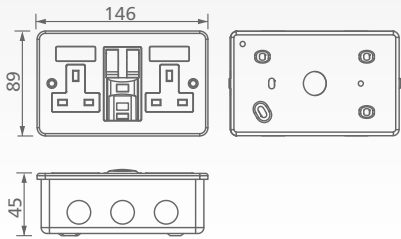
- Rated Voltage:AC220-250V/50Hz.
- Maximum current:13A.
- Rated tripping current:30mA.
- Rated tripping time:40mS.
- Operating Model: Latching/Passive.
- Tripping type: Type A.
- Standard: BS7288:2016.
- Cable capacity:2.5mm².

Part No.	Description	Box Qty
WSDKP-5	1Gang Switched RCD Protected Socket White	60
WSRSP-5	2Gang Unswitched RCD Protected Socket White	40
WSTKP-5	2Gang Switched RCD Protected Socket White	40

Metal Clad RCD Socket



RSMS213A/030-A



The LVE range of RCD protected sockets in Metal are protected by a 30mA RCD trip and are suitable to replace any standard 1 or 2 gang socket. It complies with all relevant EN specifications and is CE certified. Its strong metal construction is ideal for use in factories and other industrial environments where protection against shock and fire hazard is essential.

Technical Data

- Operating Model: Latching (Passive).
- Operating Voltage: AC220-240V/50Hz.
- Current Rating: Maximum operating current: 13A, Fully Complies With BS1363.
- Rated Trip Current: 30mA.
- Trip Speed: BS 7288-40ms.
- Contact Break: Double Pole.
- Cable Capacity: Up to 10.5mm².
- Conforms To BS1363, BS7288.
- Flush Mount Wall Box Supplied.
- Tripping type: Type A.

Part No.	Description	Box Qty
RSMS213A/030-A	2 Gang Switched Metal Clad RCD Socket 13A 30mA	40

Metal Clad RCD Socket



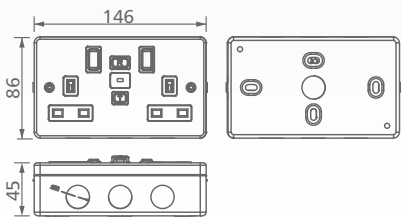
WSDKM-5



WSRSM-5



WSTKM-5



The LVE range of RCD protected sockets in Metal are protected by a 30mA RCD trip and are suitable to replace any standard 1 or 2 gang socket. It complies with all relevant EN specifications and is CE certified. Its strong metal construction is ideal for use in factories and other industrial environments where protection against shock and fire hazard is essential.

Technical Data

- Rated Voltage: AC220-250V/50Hz.
- Maximum current: 13A.
- Rated tripping current: 30mA.
- Rated tripping time: 40mS.
- Operating Model: Latching/Passive.
- Tripping type: Type A.
- Standard: BS7288:2016.
- Cable capacity: 2.5mm².

Part No.	Description	Box Qty
WSDKM-5	1Gang Switched RCD Protected Socket Metal Clad	40
WSRSM-5	2Gang Unswitched RCD Protected Socket Metal Clad	30
WSTKM-5	2Gang Switched RCD Protected Socket Metal Clad	32

RCD Spur Unit



WSFP-5

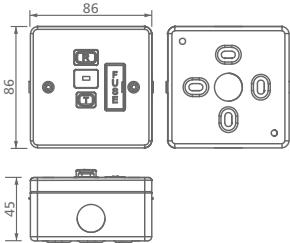


WSFM-5

This RCD protected Spur Unit is protected by a 30mA RCD trip and has a 13A Fuse with both flush and surface mount cable entries. RCD Fused Connection Unit gives additional protection against electric shocks and fire risk. The unit will remain latched if the power supply is tripped. It complies with all relevant EN specifications and is CE certified.

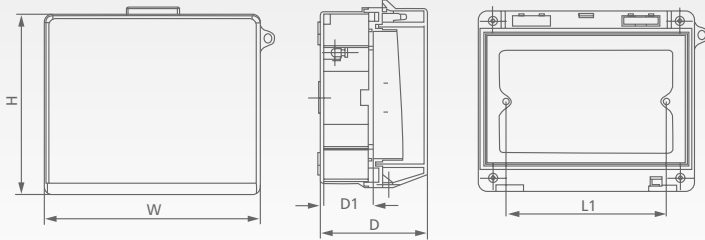
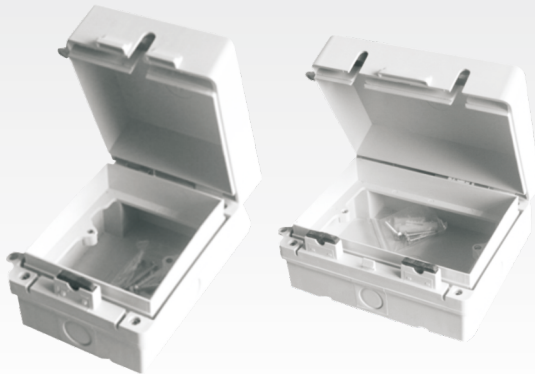
Technical Data

- Rated Voltage: AC220-250V/50Hz.
- Maximum current: 13A.
- Rated tripping current: 30mA.
- Rated tripping time: 40mS.
- Operating Model: Latching/Passive.
- Tripping type: Type A.
- Standard: BS7288:2016.



Part No.	Description	Box Qty
WSFP-5	Fused Connection Unit (RCD Spur) White	50
WSFM-5	Fused Connection Unit (RCD Spur) Metal Clad	40

IP65 Socket Box



The LVE IP 65 Socket Box range can be fit a large 1 gang or 2 gang socket, they offer dust ingress protection, and is protected against low pressure water jets from any direction, is the ideal solution for both outdoor and indoor environments, where a good degree of ingress protection is required.

In addition to its ease of installation, the range is aesthetically pleasing with an unobtrusive, modern and compact design. It is CE certified and is made from flame retardant ABS.

Part No.	Description	Box Qty	Dimensions				
			W	H	L1	D	D1
WPE1G	IP65 Weatherproof Enclosure 1Gang	45	101	135	60	80.5	36.5
WPE2G	IP65 Weatherproof Enclosure 2Gang	30	162	135	120	80.5	36.5

RCD Socket With Metal Panel



Tripping type: Type A.

Part No.	Description	Box Qty	Dimensions		
			W	H	D
RSMPS213A/030A	2 Gang Switched RCD Socket With Metal Cover Plate 13A 30mA	1	186	80	36

White RCD Socket



Tripping type: Type A.

Part No.	Description	Box Qty	Dimensions		
			W	H	D
RSPST213A/030A	2 Gang Switched RCD Socket 13A 30mA	1	133	64	36

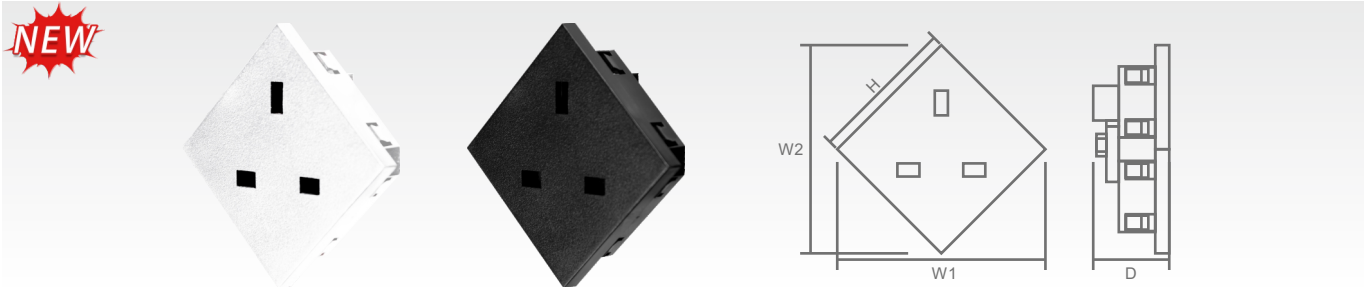
RCD Socket Metal Panel

This LVE Socket Panel suitable to RSPST213A/030A RCD Socket.



Part No.	Description	Box Qty	Dimensions		
			W	H	D
RS2P	2 Gang Switched RCD Socket Panel	1	80	186	2

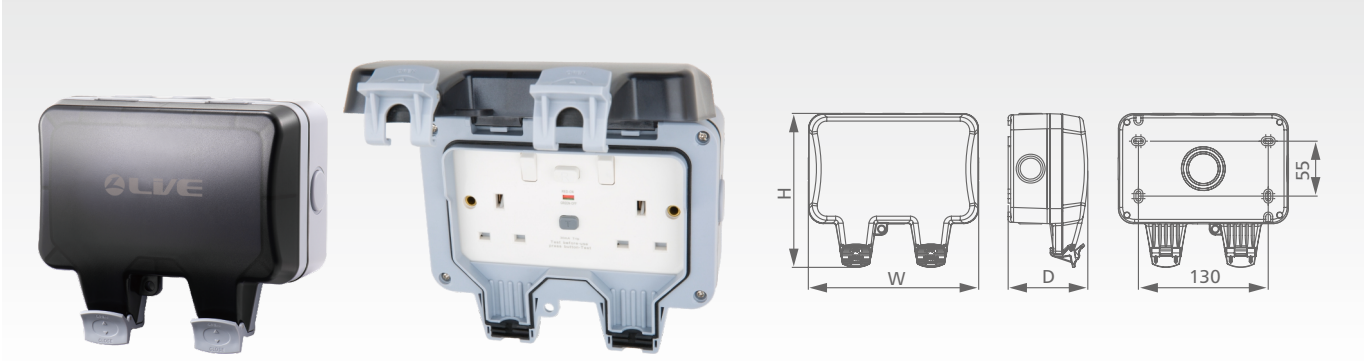
13A Angled Socket



- Rated Current:13A.
- Rated Voltage:250V.
- Payload:3250W.
- Conforms to Bs1363.

Part No.	Description	Box Qty	Dimensions			
			W1	W2	H	D
BS13A-W	White 13A Socket 250V~	500	70	70	50	26
BS13A-B	Black 13A Socket 250V~	500	70	70	50	26

13Amps Weatherproof Socket IP66



Tripping type: Type A.

Part No.	Description	Box Qty	Dimensions		
			W	H	D
WP2GTKP-5	Weatherproof 13A 2Gang Switched RCD Protected Socket	20	173	154	80

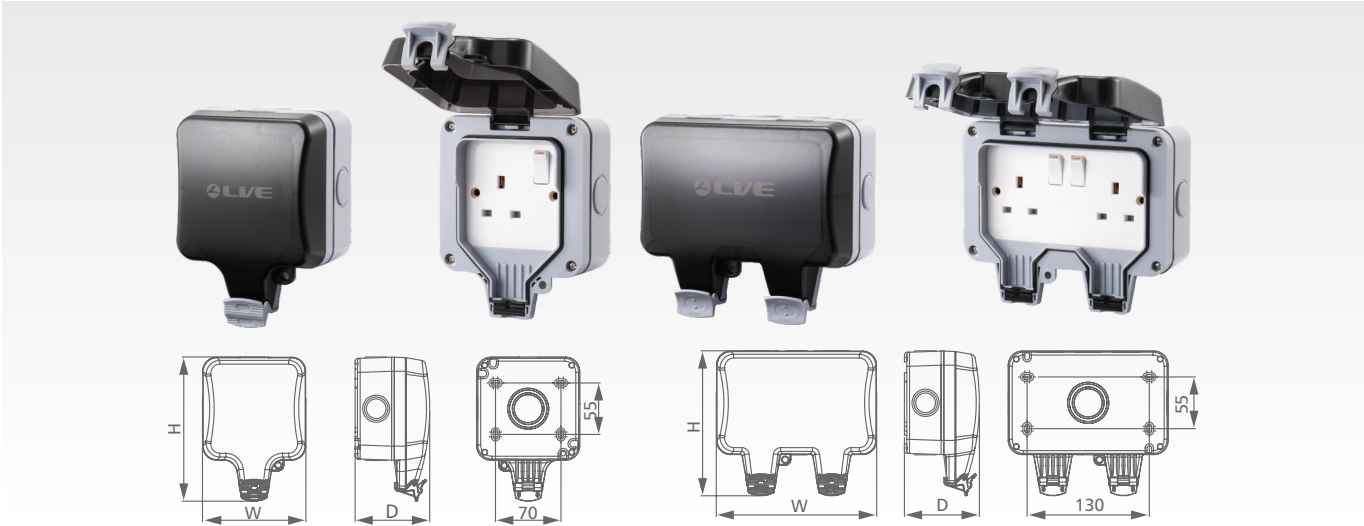
13Amps Weatherproof Switch IP66



Tripping type: Type A.

Part No.	Description	Box Qty	Dimensions		
			W	H	D
WPR2G13A	Weatherproof 13A 2Gang Switched	20	173	154	80

13Amps Weatherproof Socket IP66



Description

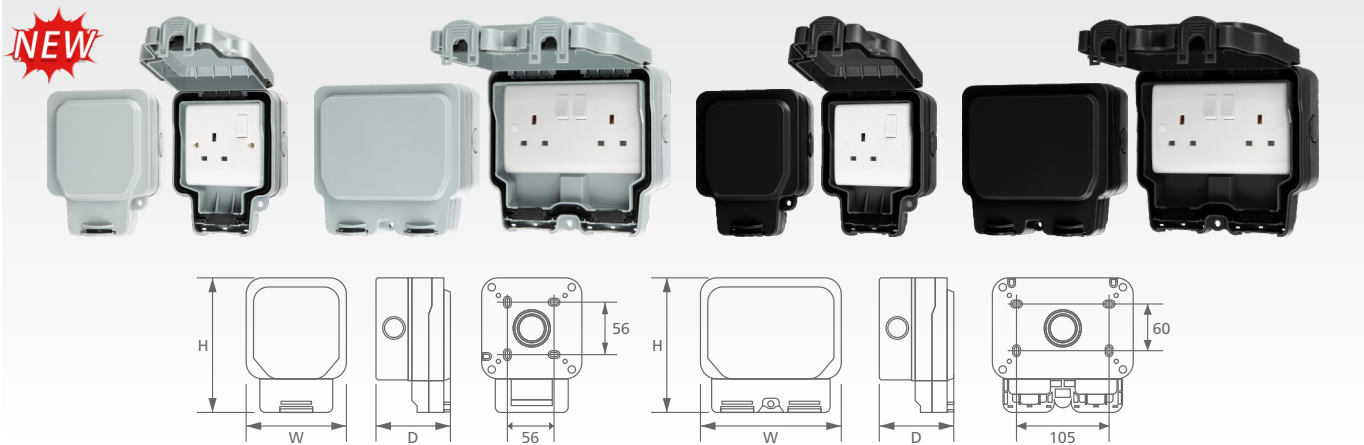
The Weatherproof Socket range comprises a robust polycarbonate enclosure with durable integrated 1 or 2 gang Switched Sockets. It provides a convenient & safe wall-mounted power point for outdoor equipment such as DIY & garden tools.

Features

- IP66 Water and dust protection.
- Secure & Easy to open lid-catch.
- Complies with BS1363.
- Robust polycarbonate housing.
- All cable entries in the 4 sides have removable blanking caps.

Part No.	Description	Box Qty	Dimensions		
			W	H	D
WP1G13A	Weatherproof 13A 1Gang Switched Socket	30	111	154	80
WP2G13A	Weatherproof 13A 2Gang Switched Socket	20	171	154	80

13Amps Weatherproof Switch Socket IP66



Features

- IP66 Water and dust protection. Secure & Easy to open lid-catch.
- Robust polycarbonate housing.
- Earth Pin Operation System for all sockets.
- 2 Gang Socket Outlets are supplied with Dual Earth.
- Working Voltage: 13A/250V~.
- Complies with BS1363.

Part No.	Description	Box Qty	Dimensions		
			W	H	D
WJ1G2P-G	IP66 Weatherproof 1Gang 13A Double Pole Switched Socket Grey	30	115	161	88
WJ2G2P-G	IP66 Weatherproof 2Gang 13A Double Pole Switched Socket Grey	20	171	161	88
WJ1G2P-B	IP66 Weatherproof 1Gang 13A Double Pole Switched Socket Black	30	115	161	88
WJ2G2P-B	IP66 Weatherproof 2Gang 13A Double Pole Switched Socket Black	20	171	161	88

20Amps Weatherproof Switch Box

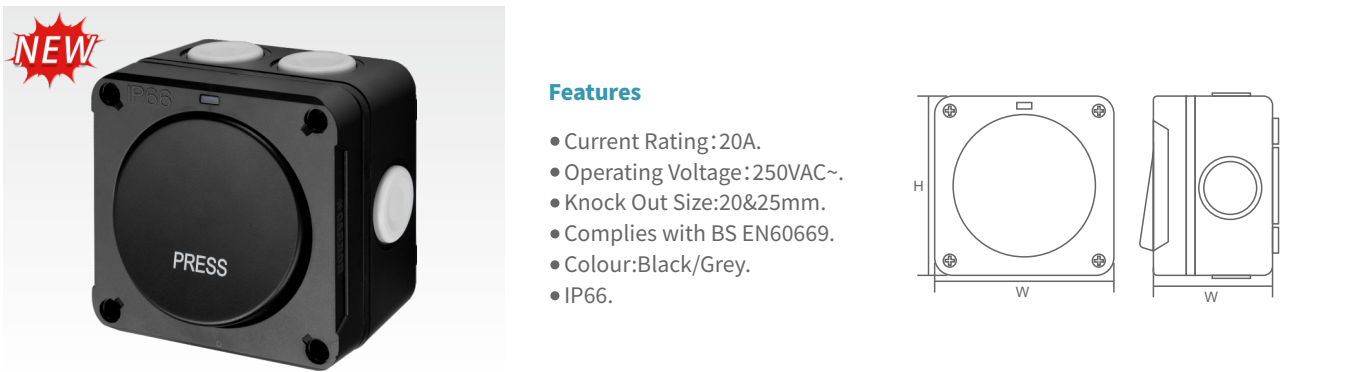


Features

- Current Rating: 20A.
- Operating Voltage: 250VAC~.
- Knock Out Size: 20&25mm.
- Complies with BS En60669.
- Colour: Black/Grey.
- IP66.

Part No.	Description	Box Qty	Dimensions		
			W	H	D
SWP1G1W-B	Weatherproof 20A 1Gang 1 Way Switch/Black	20	90	90	56
SWP1G1W-G	Weatherproof 20A 1Gang 1 Way Switch/Grey	20	90	90	56
SWP1G2W-B	Weatherproof 20A 1Gang 2 Way Switch/Black	20	90	90	56
SWP1G2W-G	Weatherproof 20A 1Gang 2 Way Switch/Grey	20	90	90	56
SWP2G1W-B	Weatherproof 20A 2Gang 1 Way Switch/Black	20	90	90	56
SWP2G1W-G	Weatherproof 20A 2Gang 1 Way Switch/Grey	20	90	90	56
SWP2G2W-B	Weatherproof 20A 2Gang 2 Way Switch/Black	20	90	90	56
SWP2G2W-G	Weatherproof 20A 2Gang 2 Way Switch/Grey	20	90	90	56

20Amps Weatherproof Bell Switch

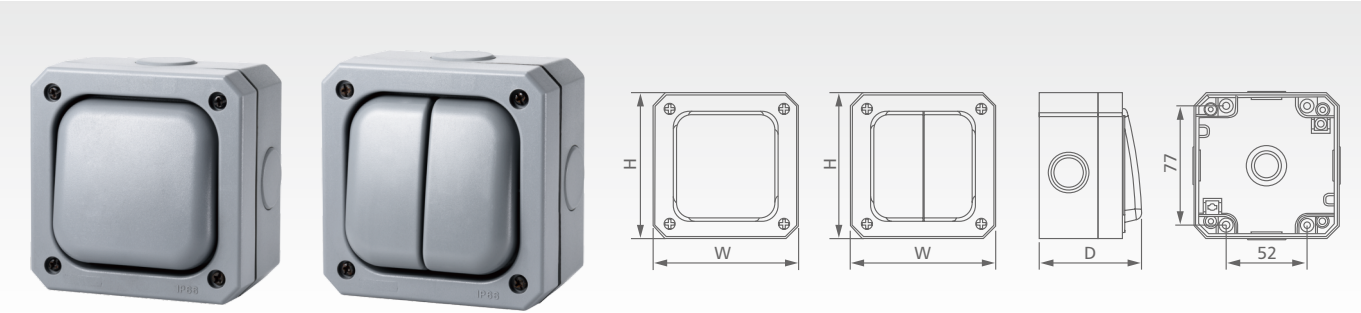


Features

- Current Rating: 20A.
- Operating Voltage: 250VAC~.
- Knock Out Size: 20&25mm.
- Complies with BS EN60669.
- Colour: Black/Grey.
- IP66.

Part No.	Description	Box Qty	Dimensions		
			W	H	D
BS20A-B	Weatherproof 20A Bell Switch Retractive/Black	20	90	90	56
BS20A-G	Weatherproof 20A Bell Switch Retractive/Grey	20	90	90	56

20Amp Weatherproof Switch



Description

The Weatherproof Switch range comprises a robust polycarbonate enclosure incorporating a 1 or 2 gang Grid Switch Module arrangement. It provides a convenient & safe wall-mounted control for outdoor equipment such as lighting, garden pond pumps, etc up to 20A current rating.

Features

- Weatherproof and dust-tight 20A Switch.
- Configurable Neon indicator.
- Multiple Gland entry positions.
- Ideal for garden workshop & commercial applications.
- IP66 Water and dust protection.
- Robust polycarbonate housing.
- Ergonomic large switch.
- Complies with BS EN60669-1.

Part No.	Description	Box Qty	Dimensions		
			W	H	D
WP1G2W	Weatherproof 20A 1Gang 2 Way Switch	20	95	95	67
WP2G2W	Weatherproof 20A 2Gang 2 Way Switch	20	95	95	67
WP1GRP	Weatherproof 20A 1 Gang 2 Way retractive	20	95	95	67

OUTDOOR STRING LIGHT
AND LED LAMP GLOBE

LIVE ELECTRICAL
DISTRIBUTION
UK LTD



Outdoor String Light

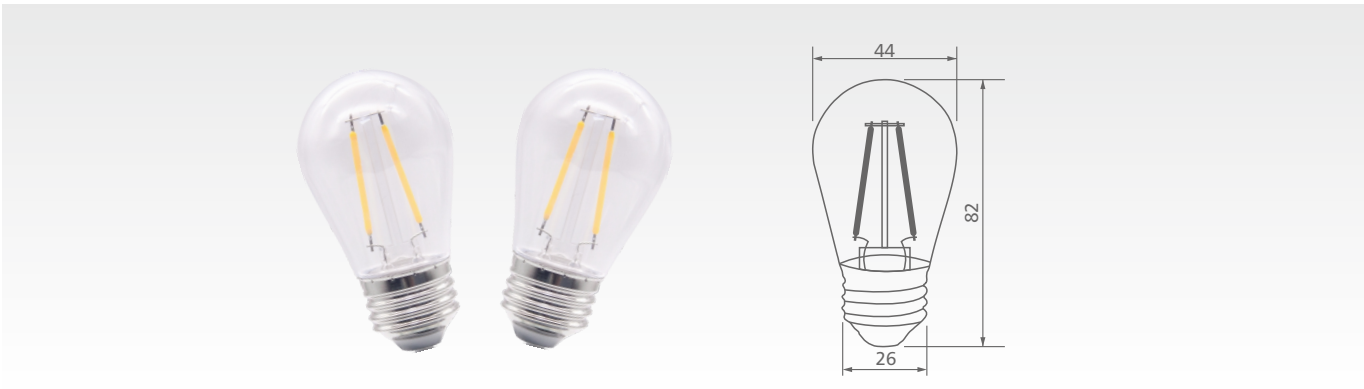


Part No	Description	Box Qty
LST1	LED String Lights, come with 12bulbs	60

Technical Data

Voltage	220-240V
Max Power -1 Catenary	150W
Max Power -5 Catenary	750W
Colour	Black
IP	IP65

LED Lamp Globe



Part No	Description	Box Qty
LSTB	LED Lamp Globe 2.5W ϕ 45MM E27 Thread Type	500PCS

Outdoor String Light



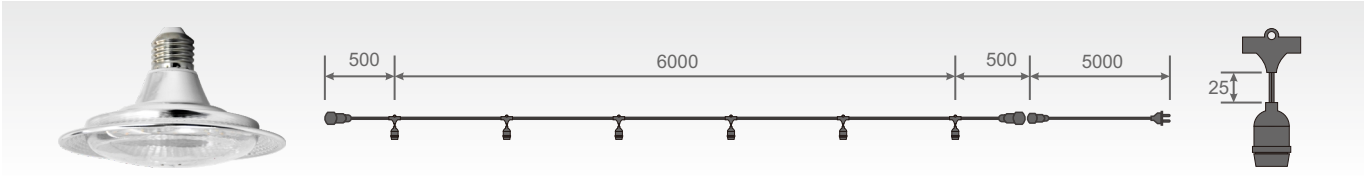
Part No	Description	Box Qty
LST2	LED String Lights, come with 12bulbs, hanging bulbs holder	60

LED Lamp Globe



Part No	Description	Box Qty
LSTB-2	12pcs Multi-colour LED Lamp Globe 1W , ϕ 45MM E27 Thread Type	480

LED Plant Growth Lights

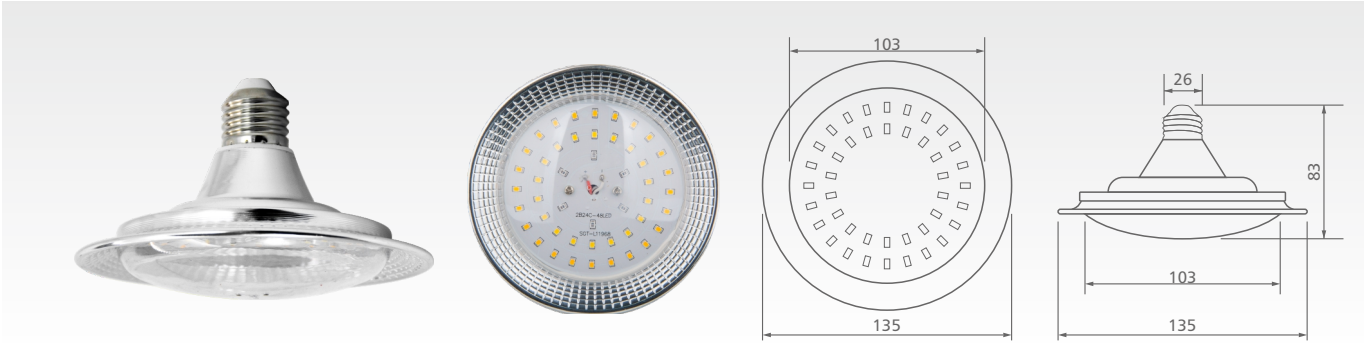


Technical Date

- Power Source:220-240VAC.
- Socket Type:E26.
- Socket:6 Sockets with Built-in Hanging Loops.
- Total Length (end to end):7.5M.
- Bulb Spacing:1M.
- Max Power -1 Catenary:150W.
- Max Power -5 Catenary:750W.
- Colour:Black.
- IP Rating:IP65.

Part No	Description	Box Qty
PGL-06	LED String Lights,6Plant Growth Lights	1

LED Plant Growth Bulb



Part No	Description	Box Qty
PGB	LED Plant Growth Lights(25W)	1

LED Tube Light

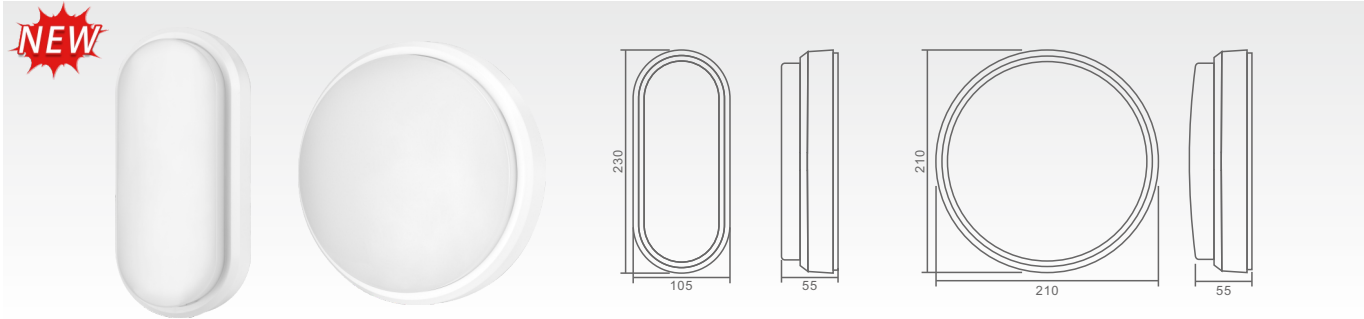


Technical Date

- Input Voltage:180-260V.
- Beam angle:320.
- RA:80.
- Color temp:6500.
- Base:G13.
- DF:0.7.
- Light efficiary:100±10%LM/W.
- Material: Glass.

Part No	Description	Box Qty
LT8-9W	60cm 9W G13 LED tube light	1
LT8-18W	120cm 18W G13 LED tube light	1
LT8-24W	150cm 24W G13 LED tube light	1
LT8-30W	180cm 30W G13 LED tube light	1
LT8-36W	240cm 36W G13 LED tube light	1
LT8M-9W	60cm 9W G13 LED tube light with film	1
LT8M-18W	120cm 18W G13 LED tube light with film	1
LT8M-24W	150cm 24W G13 LED tube light with film	1
LT8M-30W	180cm 30W G13 LED tube light with film	1
LT8M-36W	240cm 36W G13 LED tube light with film	1

LED CCT Multi-Watt Bulkhead Light

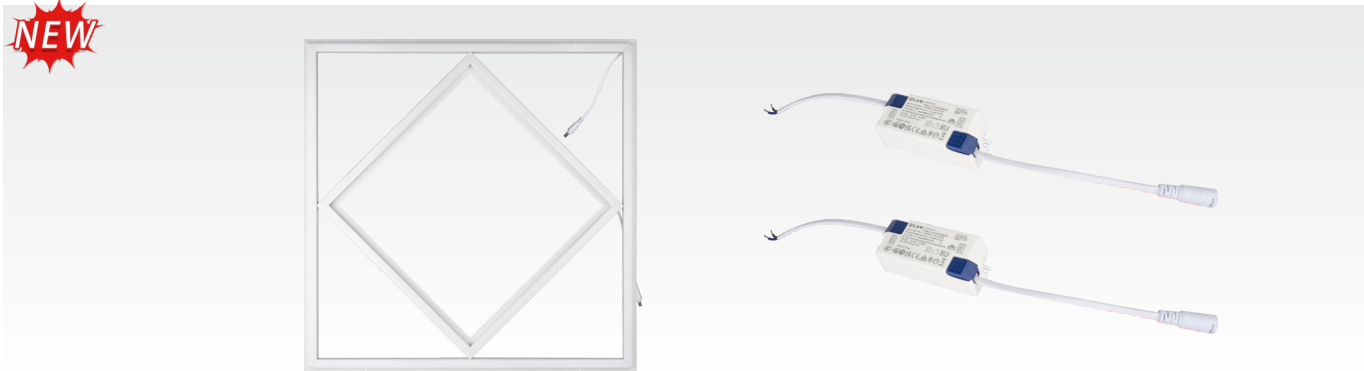


Technical Date

- Shape:Oval/Circular.
- Colour Temp:3000k,4000k, 6000k.
- Adjustable Wattage:9W,12W,18W.
- Input Voltage:240VAC/50HZ.
- Lumen Output:850Lm,1050Lm,1450Lm.
- Lifespan:25000H.
- Beam Angle:120°.
- IP Rating:IP54.

Part No	Description	Box Qty
LBO	LED CCT Multi-watt Oval Bulkhead Light Without Microwave Sensor	1
LBOS	LED CCT Multi-watt Oval Bulkhead Light With Microwave Sensor	1
LBC	LED CCT Multi-watt Circular Bulkhead Light Without Microwave Sensor	1
LBCS	LED CCT Multi-watt Circular Bulkhead Light With Microwave Sensor	1

Diamond Frame Panel Light



Features

- 1.Simple design,Functional,Decorative can be put together into a variety of fashionable shapes.
- 2.SMD LED chip, San'an High brightness,Energy Saving.
- 3.Thick aluminum frame Better heat dissipation.
- 4.Using Pc cover with high lght transmission.
- 5.High light efficiency up to 100Lm/w.

Technical Date

- Power: 60W.
- Voltage: AC220-240V.
- Color Temp: 6500K.
- CRI: Ra≥80.
- PF: 0.9.
- Lifespan: 5,0000hrs.
- Material: Aluminium Frame.

Part No	Description	Light Efficiency	Lumens	Box Qty
LF1-60W	60W 595*595*15mm Diamond Frame Panel Light	100LM/W	6000LM	10

Double L Frame Panel Light



Technical Date

- Power: 60W.
- Voltage: AC220-240V.
- Color Temp: 6500K.
- CRI: Ra $\geq$ 80.
- PF: 0.9.
- Lifespan: 5,0000hrs.
- Material: Aluminium Frame.

Part No	Description	Light Efficiency	Lumens	Box Qty
LF2-60W	60W 595*595*15mm Double L Frame Panel Light	100LM/W	6000LM	10

Octagon Frame Panel Light



Technical Date

- Power: 60W.
- Voltage: AC220-240V.
- Color Temp: 6500K.
- CRI: Ra $\geq$ 80.
- PF: 0.9.
- Lifespan: 5,0000hrs.
- Material: Aluminium Frame.

Part No	Description	Light Efficiency	Lumens	Box Qty
LF3-60W	60W 595*595*15mm Octagon Frame Panel Light	100LM/W	6000LM	10

Frame Panel Light

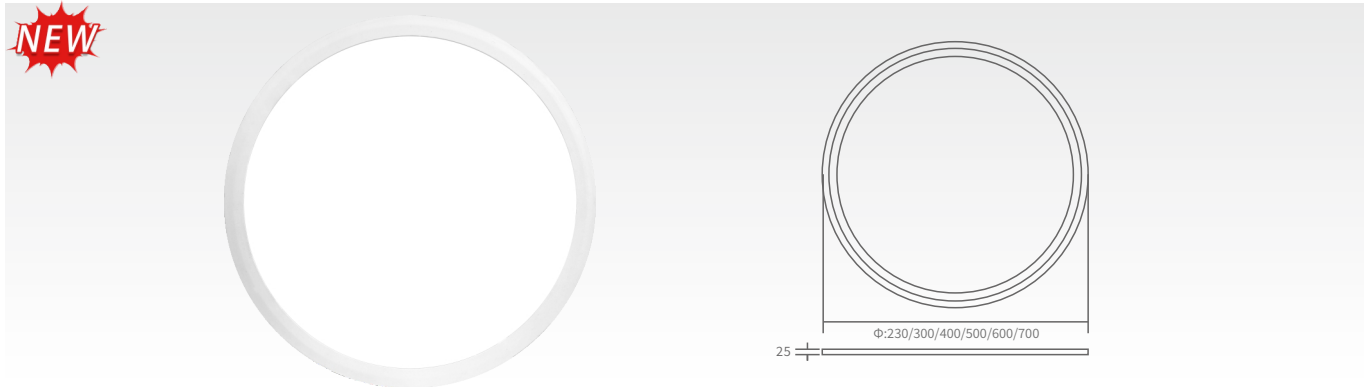


Technical Date

- Power: 48W.
- Voltage: AC220-240V.
- Color Temp: 6500K.
- CRI: Ra $\geq$ 80.
- PF: 0.9.
- Lifespan: 5,0000hrs.
- Material: Aluminium Frame.

Part No	Description	Light Efficiency	Lumens	Box Qty
LF4-40W	40W 595*595*15mm Frame Panel Light	100LM/W	4800LM	10
LF4-48W	48W 595*595*15mm Frame Panel Light	100LM/W	4800LM	10
LF4-AW	36W/38/40/42W(Adjustable) 595*595*15mm Frame Panel Light	100LM/W	4800LM	10

Slim Ceiling Panel Light



Features

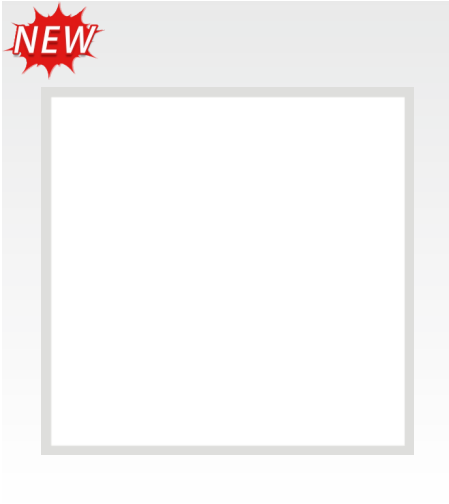
- 1.Slim ceiling panel, only 2.5cm thickness.
- 2.Surface mounting, easy for installing.
- 3.PC frame and body.....lower cost.
- 4.Uniform light with 3.0 LGP.

Technical Date

- Power:22W/28W/30W/36W/45W/70W.
- Voltage:AC220-240V.
- CCT:3000K/ 4000K /6500K(Adjustable).
- CRI:Ra>80.
- LED:SMD2835.
- Material: PC+PS LGP.
- PF:0.9.
- IP40.
- Lifespan:20,000hrs.

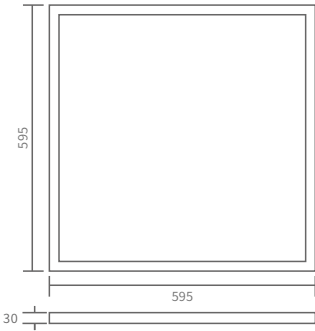
Part No	Description	Light Efficiency	Lumens	Box Qty
LSP-22W	22W Φ 230 x 25mm Slim Ceiling Panel	80LM/W	1760Lm	40
LSP-28W	28W Φ 300 x 25mm Slim Ceiling Panel	90LM/W	2520Lm	20
LSP-30W	30W Φ 400 x 25mm Slim Ceiling Panel	90LM/W	2700Lm	10
LSP-36W	36W Φ 500 x 25mm Slim Ceiling Panel	100LM/W	3600Lm	10
LSP-45W	45W Φ 600 x 25mm Slim Ceiling Panel	100LM/W	4500Lm	5
LSP-70W	70W Φ 700 x 25mm Slim Ceiling Panel	100LM/W	7000Lm	5

Led Backlit Panel Light



- Features**
- 1.High quality lens filtered directly.
 - 2.Lower cost,No LGP never turn yellow,ultra thin up to 20mm,better uniformity.

- Technical Date**
- Power: 36/40/48W.
 - Voltage: AC220-240V.
 - CCT: 2700-7000K(Adjustable).
 - CRI: Ra≥80.
 - PF: >0.9.
 - LEDS: 48PCS.
 - Lifespan: 5,000hrs.
 - Material: Aluminum+TPA PS diffuser.



Part No	Description	Backcover	Light Efficiency	Lumens	Box Qty
LBP3-36W	36W 595*595*30 LED Backlit Panel Light	0.23MM	100LM/W	3600Lm	10
LBP5-36W	36W 595*595*30 LED Backlit Panel Light	0.23MM	120LM/W	4320Lm	10
LBP3-40W	40W 595*595*30 LED Backlit Panel Light	0.23MM	100LM/W	4000Lm	10
LBP3-48W	48W 595*595*30 LED Backlit Panel Light	0.23MM	100LM/W	4800Lm	10

PLASTIC JUNCTION BOX&
JUNCTION BOX WITH
TRANSPARENT LID

LIVE ELECTRICAL
DISTRIBUTION
UK LTD



Junction Box

Junction Box Round IP 44



The LVE junction boxes range is available in a wide range of sizes. They are high-impact and low temperature- resistant for use anywhere in the world for virtually any application.

They are available in a wide variety of sizes and materials for multiple applications: lighting, power, instrumentation and more. For even more flexibility, can come complete with terminals, can be pre-drilled, or drilled and fitted with terminals on site.

Features

- Standard: IEC 60670-1 ; IEC 60670-22; CEI 23-48.
- Degree of protection: IP 44; IP 56.
- Installation temperature: Max +60 °C Min -25 °C.

Part No.	Description	IP Rating	Knock Out	Box Qty
JB654R	Round65x30	IP44	4pcs Grommets	120
JB804R	Round80x40	IP44	4pcs Grommets	120

Junction Box With Grommets



Part No.	Description	IP Rating	Knock Out	Box Qty
JB804S	80x80x40	IP44	6pcs Grommets	200
JB105S	100x100x50	IP44	6pcs Grommets	100
JB125S	120x80x50	IP44	6pcs Grommets	100
JB155S	150x110x70	IP44	10pcs Grommets	60
JB195S	190x140x70	IP44	10pcs Grommets	30

Plastic Junction Box



Part No.	Description	IP Rating	Knock Out	Box Qty
JB195T	190*140*70 Junction Box with Transparent Lid	IP44	10pcs Grommets	30
JB245T	240*190*90 Junction Box with Transparent Lid	IP44	10pcs Grommets	30
JB305T	300*220*120 Junction Box with Transparent Lid	IP44	10pcs Grommets	30

Junction Box

Junction Box With Smooth Walls



Part No.	Description	IP Rating	Knock Out	Box Qty
JB105B	100x100x50	IP56	Plan Side	100
JB125B	120x80x50	IP56	Plan Side	100
JB155B	150x110x70	IP56	Plan Side	60
JB195B	190x140x70	IP56	Plan Side	30
JB245B	240x190x90	IP56	Plan Side	20
JB305B	300x220x120	IP56	Plan Side	10
JB385B	380x300x120	IP56	Plan Side	5
JB466B	460x380x130	IP56	Plan Side	5

Terminal Blocks



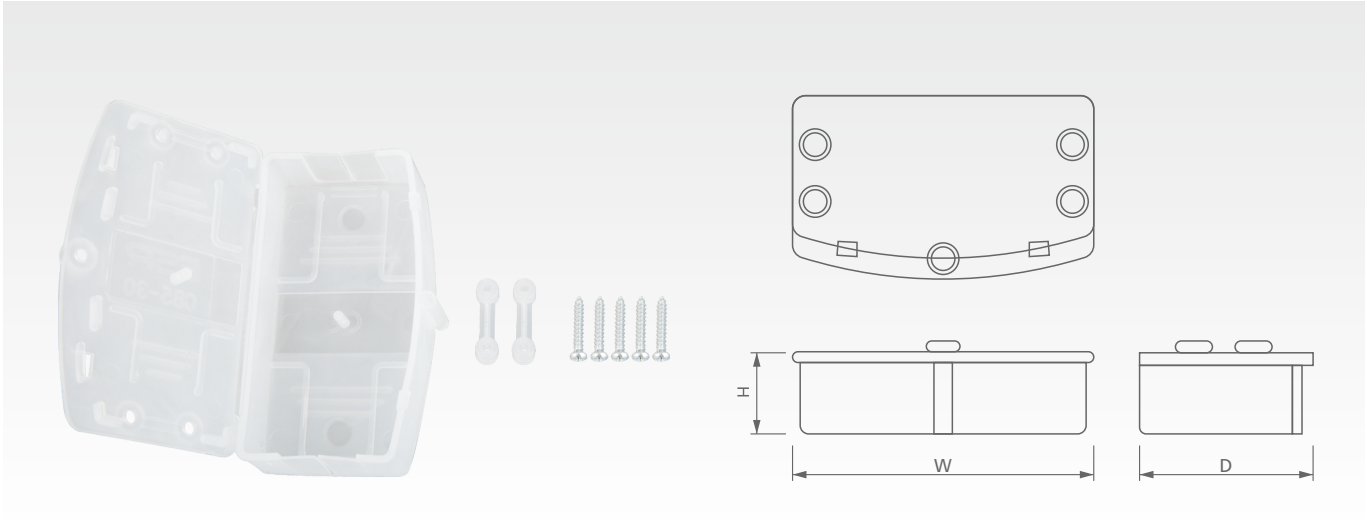
The LIVE terminal blocks is designed in 6 colors to ensure you can match to each installation. The versatile terminal blocks provide a quick and easy solution for making additional terminations safe for any application. 6 Way terminal block is designed to accommodate cables ranging from 2.5 mm² to 35 mm², making it suitable for a wide range of applications. Its versatile design allows for easy connection of multiple cables, while its lockable feature and sealable lid provide added security. It comes with blanking pieces, allowing you to seal off unused connection points, ensuring optimal safety. Its hexagon screw ensures that the connections are firmly held in place, providing a reliable and stable connection. Ideal for your electrical connection needs.

Features

- 6 way 100A rated connector block.
- Lockable design, can be locked with wire seal.
- With six connection points, you can easily connect cables.
- Unique design allows you to join multiple terminal blocks together.
- Cover fixing method:3mm Allen key , fixed with screws.
- Available in 6 colours (brown, grey, black, blue , green , pink).
- Cable entry 3 holes on the top, 2 holes on the bottom.
- Terminal cable capacity:2.5mm² - 35mm².
- Screw type hexagon screw.
- Standard BS 7657:2022.
- Frequency:50Hz.
- Material: brass+PBT.
- IP20.

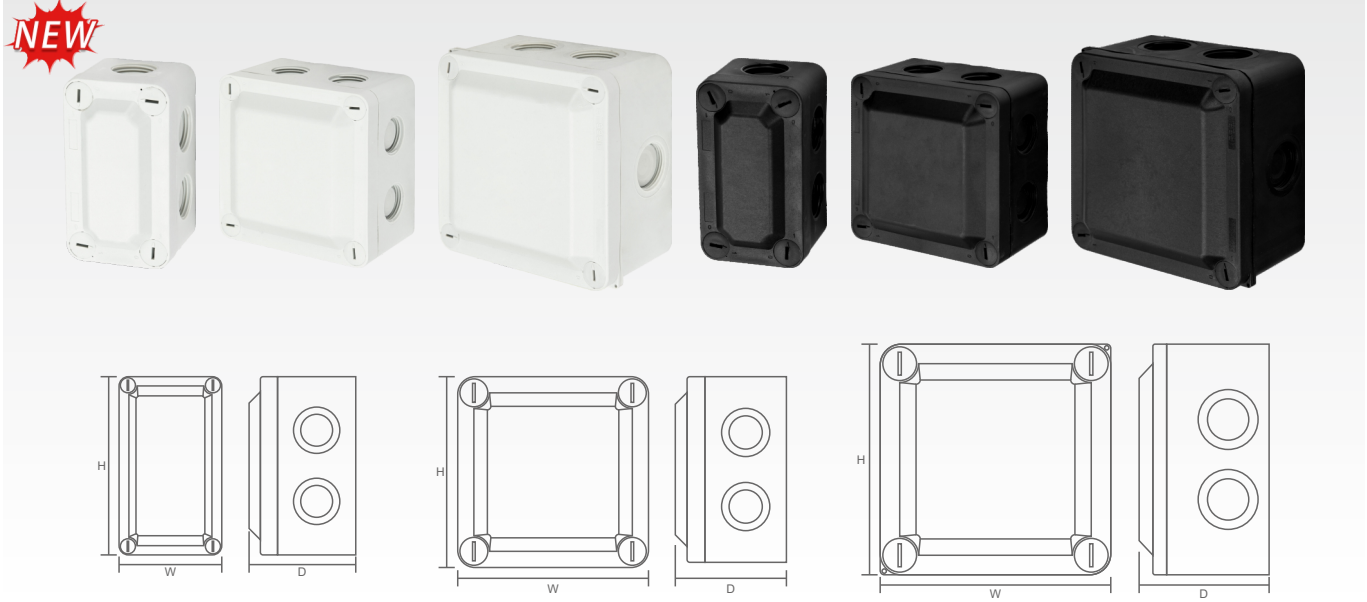
Part No	Description
TB5P100-Grey	Grey Terminal Blocks 5P100A ,Terminal Capaticy up to 35mm ²
TB5P100-Black	Black Terminal Blocks 5P100A ,Terminal Capaticy up to 35mm ²
TB5P100-Brown	Brown Terminal Blocks 5P100A ,Terminal Capaticy up to 35mm ²
TB5P100-Blue	Blue Terminal Blocks 5P100A ,Terminal Capaticy up to 35mm ²
TB5P100-Green	Green Terminal Blocks 5P100A ,Terminal Capaticy up to 35mm ²
TB5P100-Pink	Pink Terminal Blocks 5P100A ,Terminal Capaticy up to 35mm ²

Mini Junction Box



Part No.	Description	Box Qty	Dimensions		
			W	H	D
JBC5-30	Mini Junction box	600	90	25	56

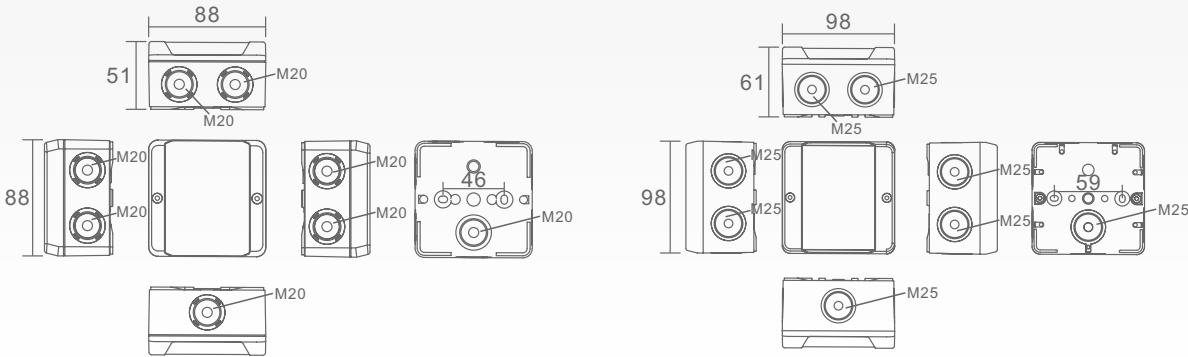
IP66 Junction Box



Part No.	Description	Knock Out	Box Qty	Dimensions		
				W	H	D
JB49-G	49x85x46 IP66 Junction Box Grey	20mm		49	85	46
JB49-B	49x85x46 IP66 Junction Box Black	20mm		49	85	46
JB91-G	91x91x53 IP66 Junction Box Grey	20mm		91	91	53
JB91-B	91x91x53 IP66 Junction Box Black	20mm		91	91	53
JB110-G	110x110x62 IP66 Junction Box Grey	25mm		110	110	62
JB110-B	110x110x62 IP66 Junction Box Black	25mm		110	110	62

IP55 Waterproof Two-Color Junction Box

NEW



Features

- IP55 Waterproof two-color junction box.
Applicable wire sectional area 1.5mm² to 240mm².
Rated working current to 1000A.
- Waterproof & Dustproof.
 - Five sided incoming holes.
 - Meteral:PC.
 - IP55.
- UV resistant .
 - Hot wire 650 °C.
 - Installation method: Surface mounted.

Part No.	Description	Box Qty
JBS9320-G	88X88X51 IP55 two color Junction box grey	100
JBS9320-B	88X88X51 IP55 two color Junction box black	100
JBS9340-G	98X98X61 IP55 two color Junction box grey	100
JBS9340-B	98X98X61 IP55 two color Junction box black	100

HEAT PUMP

LIVE ELECTRICAL
DISTRIBUTION
UK LTD



R290 Air Source Heat Pump



Features

- Direct current inverter compressor good running at ultra-low temperature environment.
- With many advantages such as low carbon emis-sion and high efficiency, R290 refrigerant is recog-nized as a refrigerant with the most development potential in the industry, which contributes to the reduction of carbon emission and help achieve the global goal of carbon neutrality.
- Free WI-FI, intelligent control any time, anywhere.
- Ultra low noise, enjoy the comfortable environment.

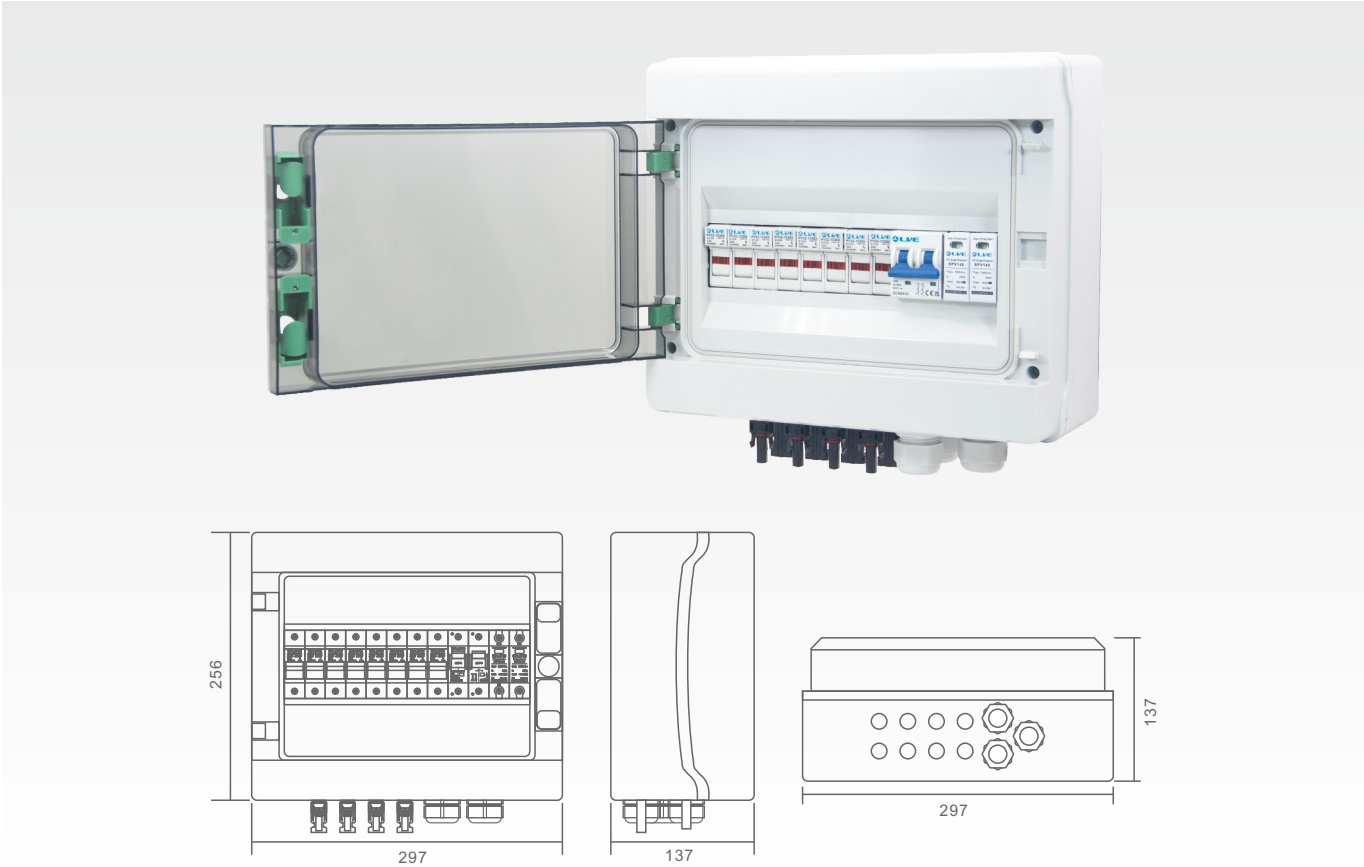
Part No			LHP-006TC1	LHP-012TC1	LHP-012TC3	LHP-018TC1	LHP-018TC3
Power supply		V/PhVHz	220-240/1/50	220-240/1/50	380~415/3/50	220-240V/1/50	380-415/3/50
Nominal Heating (Max) (A7/6°C,W30/35°C)	Heating capacity	kW	2.92~9.1	4.30~15.20	4.30~15.20	7.24~22.1	7.24~22.1
	Power input	kW	0.61~2.11	0.87~3.73	0.87~3.73	1.5~5.88	1.5~5.88
	Current input	A	2.8~9.25	4.02~16.38	1.78~6.04	6.86~30.25	2.82~9.16
Nominal Heating (Max) (A7/6°C,W47/55°C)	Heating capacity	kW	2.99~8.16	4.25~14.55	4.25 ~14.55	6.36~19.45	6.36~19.45
	Power input	kW	1.03~2. 92	1.45~4.28	1.45~4.28	2.15~6.85	2.15~6.85
	Curent input	A	4.57~12.79	6.71~18.80	2.84~6.78	9.84~30.12	3.71~10.60
Nominal Cooling (Max) (A35/24°C,W12/7 °C)	Cooling capacity	kW	1.38~5.70	3.65~11.4	3.65~11.4	4.55~17.20	4.55~17.20
	Pover input	kW	0.67~2.44	1.12~3.97	1.12~3.97	1.85~7.31	1.85~7.31
	Current input	A	3.06~10.27	5.18~17.44	1.97~6.30	8.47~32.1	2.99~11.26
ERP level (outlet water temp. at 35°C)		/	A+++	A+++	A+++	A+++	A+++
Max. input powver		kW	3.50	5.40	5.85	7.50	10.50
Max. input current		A	15.00	25.00	10.00	35.00	17.00
Refrigerant		/	R290	R290	R290	R290	R290
Rated water flow		m³/h	1.00	2.06	2.06	3.10	3.10
Fan quantity		/	1	1	1	2	2
Fan motor type		/	DC inverter				
Compressor		/	DC inverter				
Circulating pump		/	Imverter type / Built-in				
IP dass		/	IPX4				
Sound pressure at 1m distance		dB(A)	42	50	50	55	55
Max outet water temperature		°C	75	75	75	75	75
Water piping connections		/	DN 25 (1")	DN 25 (1")	DN 25 (1")	DN 32 (1-1/4")	DN 32 (1-1/4")
Water Pressure drop(max)		kPa	20	20	20	55	55
Operating temperature range (heating mode)		°C			-25~45		
Operating temperature range (cooling mode)		°C			16~45		
Unpacked dimensions (L*D*H)		mm	1187*418*805	1287*448*904	1287*448*904	1187*488*1456	1187*488*1456
Packed dimensions (L*D*H)		mm	1217*463*920	1317*493*1020	1317*493*1020	1217*538*1570	1217*538*1570
UnPacked weight		kg	110	123	123	184	184
Packed weight		kg	115	128	128	192	192

TREASURE THE RESOURCES
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DISTRIBUTION
UK LTD



12Way Solar Consumer Unit



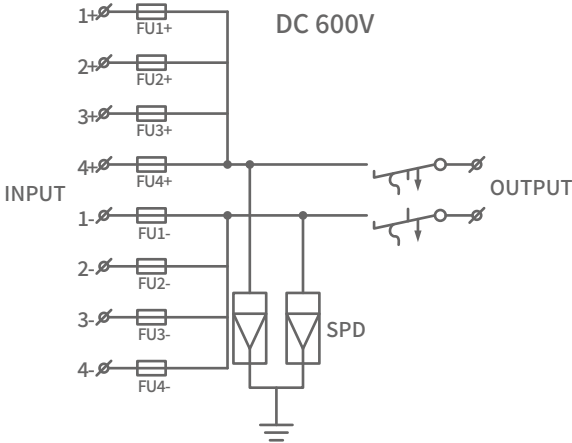
IP65 design,waterproof,anti dust and anti ultraviolet.
 Strict test for high and low temperature,used widely .
 Flexible connection and simple installation.
 The simplified system wiring.

Function

- DC Fuse Both Protection Of Positive And Negative Poles.
- DC Circuit Breaker For Isolating Circuits And Maintenance.
- DC 1000V Surge Protector.
- Method A: Solar Connector Wiring (Replaceable + and -).
- Method B: Direct Wiring With Fuse.

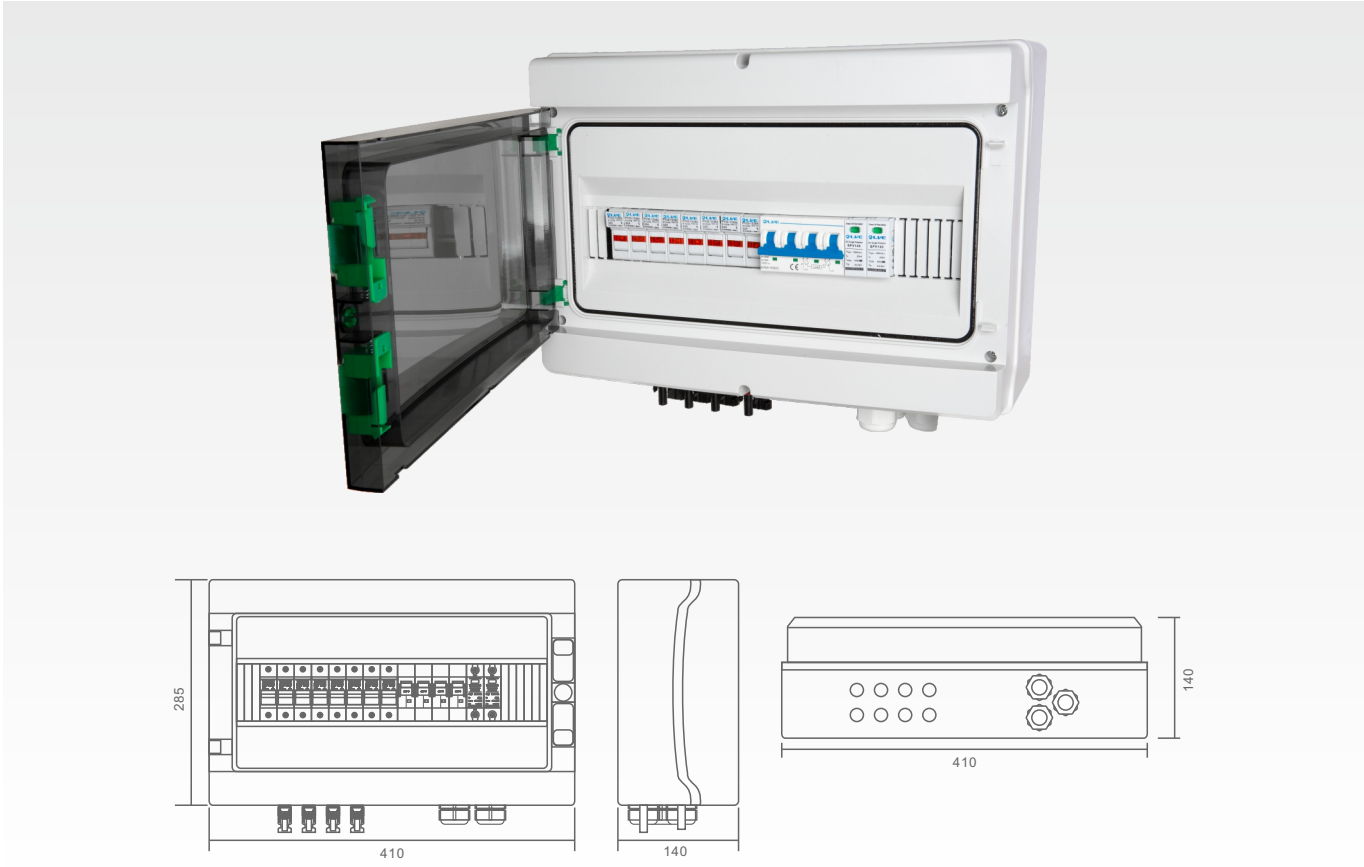
Configuration List

- Fitted with 10x38 15A Photovoltaic Fuse.
- Fitted with 32A 1000V DC Photovoltaic Fuse Holder with light.
- Fitted with 2P 63A DC 600V Circuit Breaker.
- Fitted with 2P/20-40KA DC 1000V Surge Protector.
- Fitted with 1000V DC Photovoltaic Gland Connector.



Part No.	Description	Box Qty
ENC12-PV4/1	12 way solar consumer unit DC 600V ,4 input 1 output	4

18Way Solar Consumer Unit



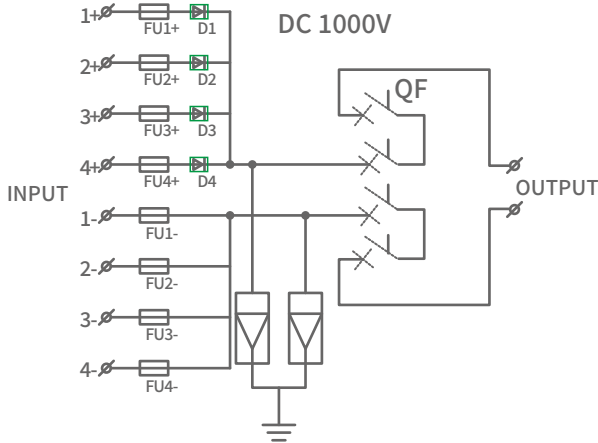
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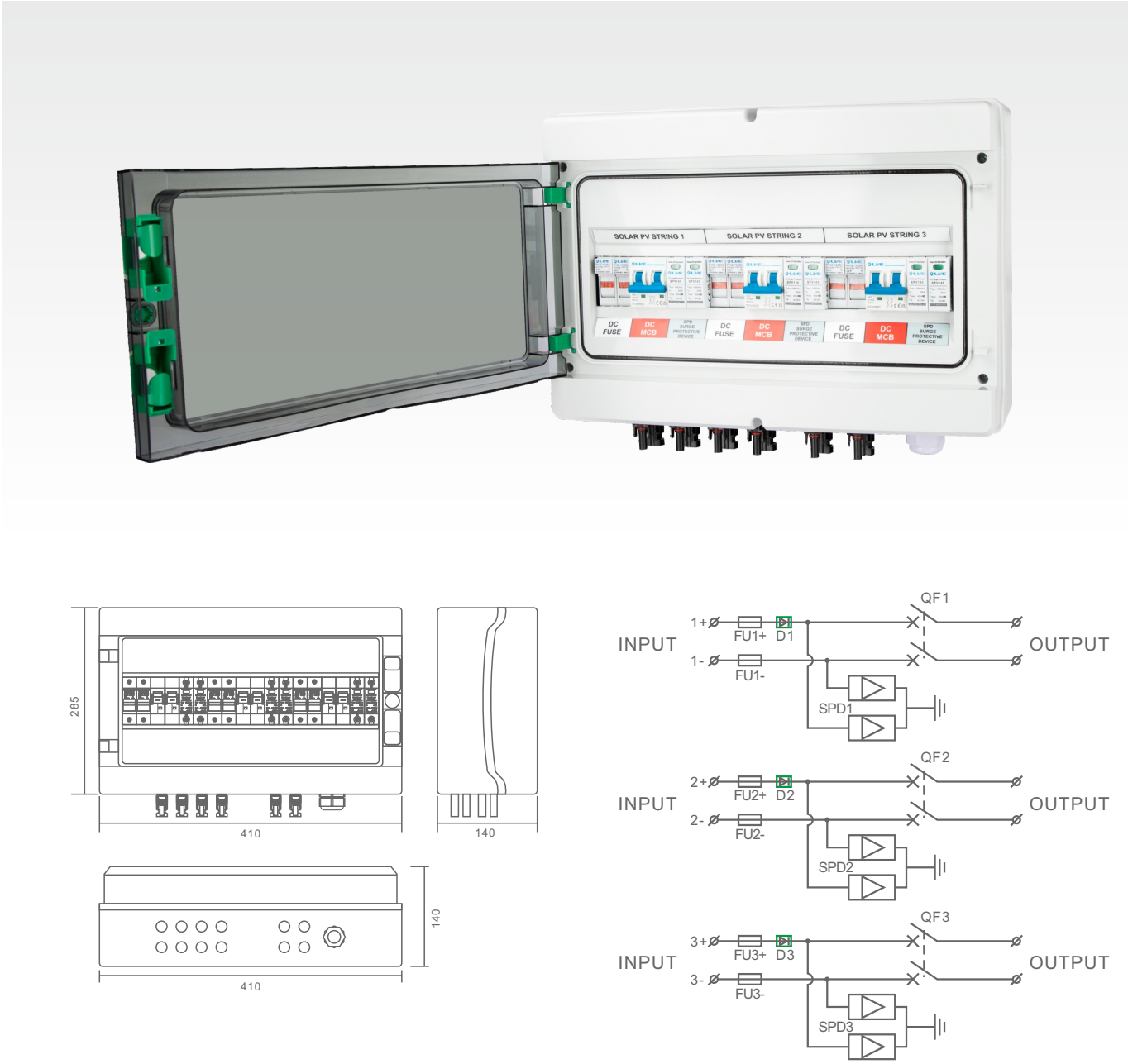
Configuration List

- Fitted with 10x38 15A Photovoltaic Fuse.
- Fitted with 32A 1000V DC Photovoltaic Fuse Holder with light.
- Fitted with 4P 63A DC 1000v Circuit Breaker.
- Fitted with 2P/20-40KA DC 1000v Surge Protector.
- Fitted with 1000VDC Photovoltaic Gland Connector.



Part No.	Description	Box Qty
ENC18-PV4/1	18 way solar consumer unit DC 1000V ,4 input 1 output	4

18Way Solar Consumer Unit

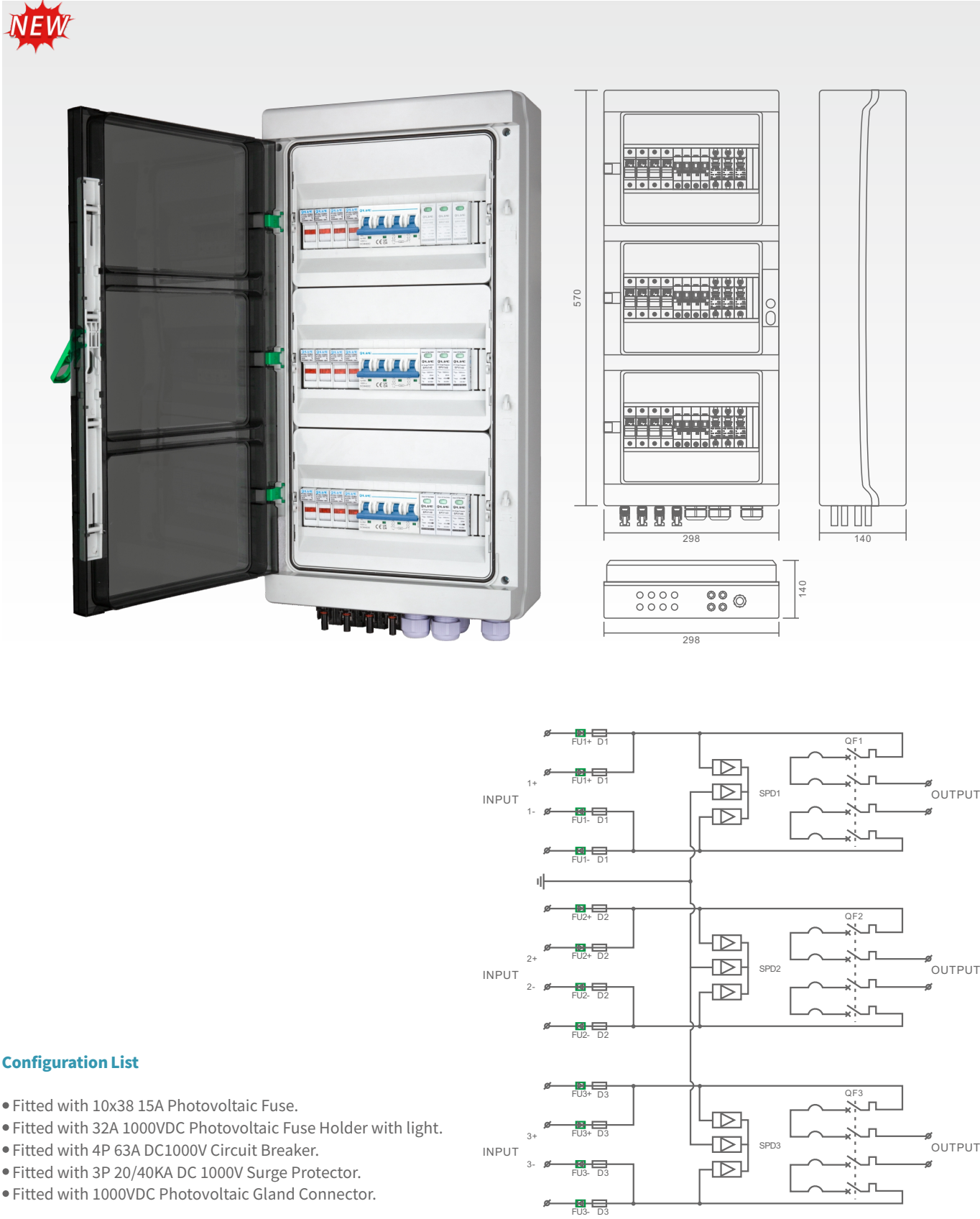


Configuration List

- Fitted with 10x38 15A Photovoltaic Fuse.
- Fitted with 32A 1000VDC Photovoltaic Fuse Holder with light.
- Fitted with 2P 63A DC1000V Circuit Breaker.
- Fitted with 2P/20-40KA DC 1000v Surge Protector.
- Fitted with 1000VDC Photovoltaic Gland Connector.

Part No.	Description	Box Qty
ENC18-PV3/3	18 way solar consumer unit DC 1000v ,3 input 3 output	4

36Way Solar Consumer Unit



Configuration List

- Fitted with 10x38 15A Photovoltaic Fuse.
- Fitted with 32A 1000VDC Photovoltaic Fuse Holder with light.
- Fitted with 4P 63A DC1000V Circuit Breaker.
- Fitted with 3P 20/40KA DC 1000V Surge Protector.
- Fitted with 1000VDC Photovoltaic Gland Connector.

Part No.	Description	Box Qty
ENC36-PV6/3	36Way solar consumer unit DC1000V ,6 input 3output	1

DC Miniature Circuit Breaker



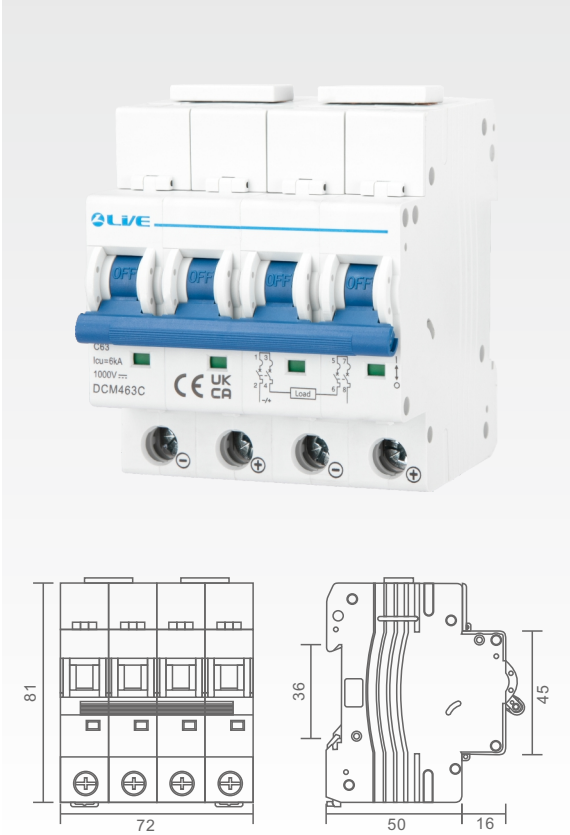
2POLE 6KA DC MINIATURE CIRCUIT BREAKER

Technical Data

- Rated current In (A) :6,10,16,20,25,32,40,50,63.
- Rated voltage Ue(DC): 600V(2P).
- Rated breaking capacity(A): 6KA .
- Thermo-magnetic release characteristic: C.
- Contact position degree: IP20 .
- IEC/EN60898-2.

Part No	Description	Box Qty
DCM206C	2Pole 6Amps C Curve 6kA DC MCB	60
DCM210C	2Pole 10Amps C Curve 6kA DC MCB	60
DCM216C	2Pole 16Amps C Curve 6kA DC MCB	60
DCM220C	2Pole 20Amps C Curve 6kA DC MCB	60
DCM225C	2Pole 25Amps C Curve 6kA DC MCB	60
DCM232C	2Pole 32Amps C Curve 6kA DC MCB	60
DCM240C	2Pole 40Amps C Curve 6kA DC MCB	60
DCM250C	2Pole 50Amps C Curve 6kA DC MCB	60
DCM263C	2Pole 63Amps C Curve 6kA DC MCB	60

4P DC Miniature Circuit Breaker



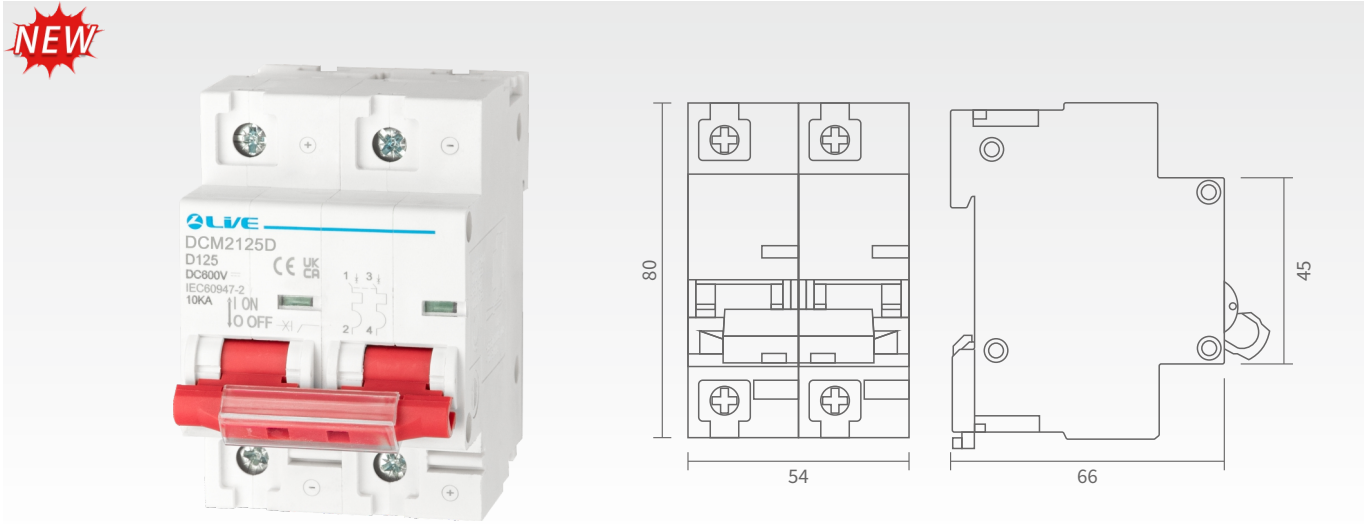
4POLE 6KA DC MINIATURE CIRCUIT BREAKERS

Technical Data

- Rated current In (A) :6,10,16,20,25,32,40,50,63.
- Rated voltage Ue(DC): 1000V(4P).
- Rated breaking capacity(A): 6KA .
- Thermo-magnetic release characteristic: C.
- Contact position degree: IP20 .
- IEC/EN60898-2.

Part No	Description	Box Qty
DCM406C	4Pole 6Amps C Curve 6kA DC MCB	30
DCM410C	4Pole 10Amps C Curve 6kA DC MCB	30
DCM416C	4Pole 16Amps C Curve 6kA DC MCB	30
DCM420C	4Pole 20Amps C Curve 6kA DC MCB	30
DCM425C	4Pole 25Amps C Curve 6kA DC MCB	30
DCM432C	4Pole 32Amps C Curve 6kA DC MCB	30
DCM440C	4Pole 40Amps C Curve 6kA DC MCB	30
DCM450C	4Pole 50Amps C Curve 6kA DC MCB	30
DCM463C	4Pole 63Amps C Curve 6kA DC MCB	30

DC 10KA Miniature Circuit Breaker



Technical Data

- Rated current In(A): 80,100,125.
- Rated voltage Ue(DC) : 600V(2P).
- Rated breaking capacity(A): 10KA.
- Thermo-magnetic release characteristic: D.
- Contact position degree: IP20 .
- IEC/EN60947-2.
- Terminal torque:4Nm.

Part No	Description
DCM280D	2Pole 80Amps D Curve 10kA DC MCB
DCM2100D	2Pole 100Amps D Curve 10kA DC MCB
DCM2125D	2Pole 125Amps D Curve 10kA DC MCB

IP65 DC Plastic Consumer Unit



Part No	Description	Box Qty
DNC65	IP65 3way Plastic Enclosure	20
DNC280D	IP65 3way Plastic Enclosure With 2P 80A D Curve 10kA DC MCB	20
DNC2100D	IP65 3way Plastic Enclosure With 2P 100A D Curve 10kA DC MCB	20
DNC2125D	IP65 3way Plastic Enclosure With 2P 125A D Curve 10kA DC MCB	20
DNC263M	IP65 3way Plastic Enclosure With 2P 63A D Curve 6kA DC MCB	20

DC Molded Case Circuit Breaker

NEW

Part No. Guide

M H U 2 5 0 - 1 2 5 / 2 5 0 V

Rated working voltage (V)DC

Frame

Rated current In(A)

Number of poles

Part No

Part No	MHU□□□-□/□												
Number of poles	2		2		3		2		3		2		3
Rated current In(A)	50,63,80,100,125		63,80,100,125,140,160,180,200,225,250,280,315,320				63,80,100,125,140,160,180,200,225,250,280,315,320			225,250,315,350,400			
Frame	125		250				320			400			
Rated working voltage Ue(V)DC	250	500	750	1000	1250	1500	500	1000	1500	250/500	750/1000	1250/1500	1250/1500
Rated insulation voltage Ui(V)	750		1000		1500		1250		1500		1500		
Rated impact voltage Uimp(kV)	8		12				8		12		12		
Rated limit short-circuit breaking capacity Icu(kA)	40	40(5ms)	40		20		50	20	20	70	40	20	20(2-pole string) 40(3-pole sting)
Rated operating short-circuit breaking capacity Ics(kA)	Ics=100%Icu												
Connection mode	Top in,bottom out,bottom in,top out(2P,320/3P) Bottom in,bottom out,top in,top out(3P)												
Category of use	A												
Whether it has the isolation function	Yes												
Operating ambient temperature	-35℃~-+70℃												
Mechanical life(second)	20000		20000				20000			10000			
Electrical life	5000	3000	3000	2000	1500		3000	2000	1500	1000	1000	700	500
Meet standard	IEC/EN60947-2												
Dimension	150×64×95 (H×W×D)		180×76×126(2P)(H×W×D) 180×107×126(3P)(H×W×D)				180×76×126(2P)(H×W×D) 180×107×126(3P)(H×W×D)			250×124×165(2P)(H×W×D) 250×182×165(3P)(H×W×D)			

DC Molded Case Circuit Breaker

NEW

Part No. Guide

M H U 2 5 0 - 1 2 5 / 2 5 0 V

Rated working voltage (V)DC

Frame

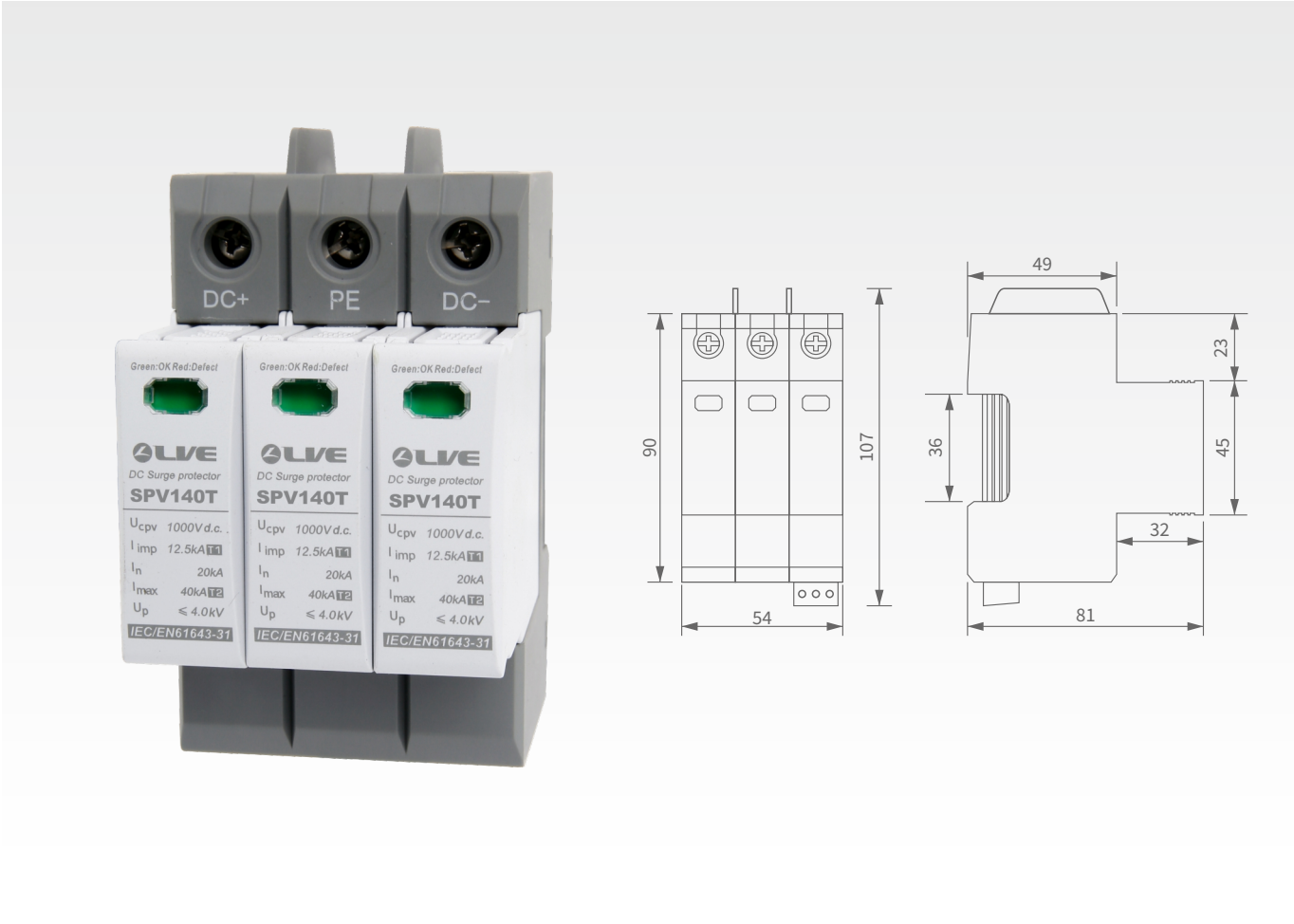
Rated current In(A)

Number of poles

Part No

Part No	MHU□□□-□/□							
Number of poles	2			3	2			3
Rated current In(A)	500,630				700,800			
Frame	630				800			
Rated working voltage Ue(V)DC	250/500	750/1000	1250/1500	1250/1500	250/500	750/1000	1250/1500	250/1500
Rated insulation voltage Ui(V)	1500							
Rated impact voltage Uimp(kV)	12				12			
Rated limit short-circuit breaking capacity Icu(kA)	70	40	20	20(2-pole string) 40(3-pole sting)	70	40	20	20(2-pole string)
Rated operating short-circuit breaking capacity Ics(kA)	Ics=100%Icu							
Connection mode	Top in,bottom out,bottom in,top out (2P,320/3P) Bottom in,bottom out top in,top out(3P)							
Category of use	A							
Whether it has the isolation function	Yes							
Operating ambient temperature	-35°C~+70°C							
Mechanical life(second)	5000				5000			
Electricalife	1000	1000	700	500	1000	1000	700	500
Meet standard	IEC/EN60947-2							
Dimension	250×124×165(2P)(H×W×D) 250×182×165(3P)(H×W×D)				250×124×165(2P)(H×W×D) 250×182×165(3P)(H×W×D)			

DC Surge Protection Device



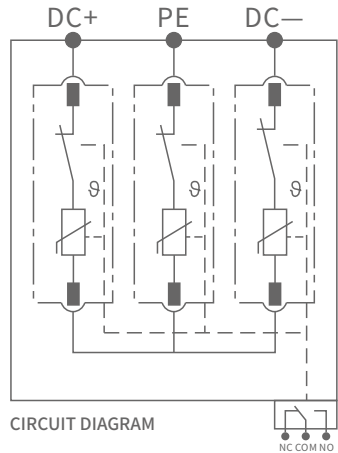
Developed in line with recent advancements, the DC SPD 1000V series of surge arresters are designed to have a continuous maximum operating voltage of 1000V. The surge arresters are packed with high-pressure sensors to detect failures and are made from high-quality materials that prevent damage from weather. They comply with BS EN61643-31.

TYPE 1+2 DC SURGE PROTECTION DEVICE

Technical Data

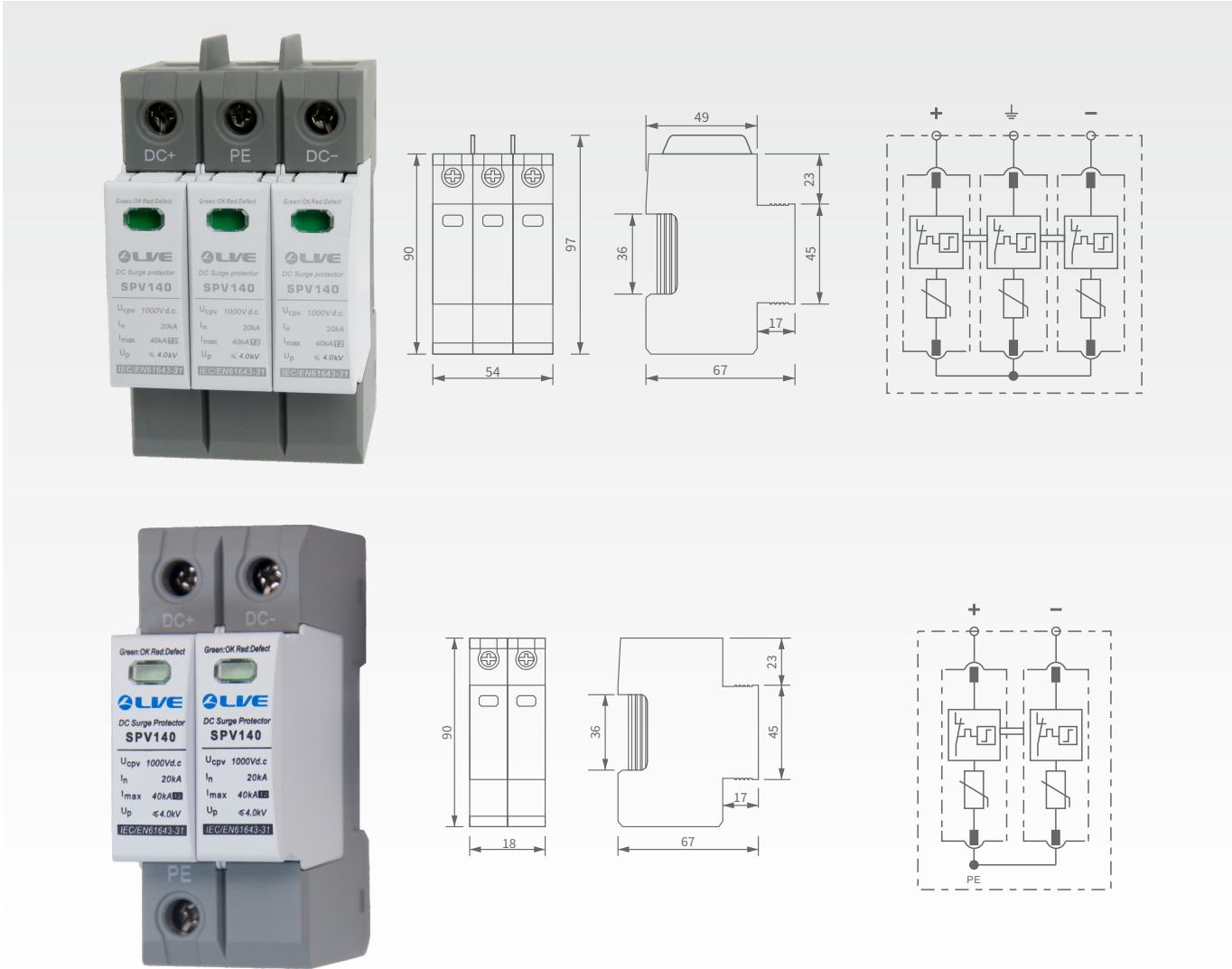
- Open Voltage (Uoc Max) : 600VDC,1000VDC,1500VDC.
- Type: Type1+2.
- Lightning pulse current (Iimp): 12.5kA.
- Max Continuous Operational Voltage (Uc) : 1300VDC.
- Nominal discharge current (In): 20kA.
- Maximum discharge current(Imax): 40kA.
- Voltage protection level (Up): ≤4.0kV.
- Protection degree: IP20.
- Ambient Temperature: -40°C~+80°C.
- Number of Poles: 2Poles,3Poles.

- Type 1+2 DC SPD solar photovoltaic application.
- IEC /EN61643-31.
- Thermal disconnect for fault indication.
- Plug-in Protection Module,Easily Installation andMaintainance.
- High Energy Varistor, Response Time Less Than 25Nanosecond.
- Optional Remote Signalling.



Part No.	Description	Box Qty
SPV340T	3Pole 20KA/40KA Type1 DC Surge Protection Device Up To 1000V	32

DC Surge Protection Device



Developed in line with recent advancements, the DC SPD 1000V series of surge arresters are designed to have a continuous maximum operating voltage of 1000V. The surge arresters are packed with high-pressure sensors to detect failures and are made from high-quality materials that prevent damage from weather. They comply with BS EN61643-31.

- Type 2 DC SPD solar photovoltaic application.
- According to IEC /EN61643-31.
- Thermal disconnect for fault indication.
- Plug-in Protection Module,Easily Installation andMaintainance.
- High Energy Varistor, Response Time Less Than 25Nanosecond.
- Optional Remote Signalling.

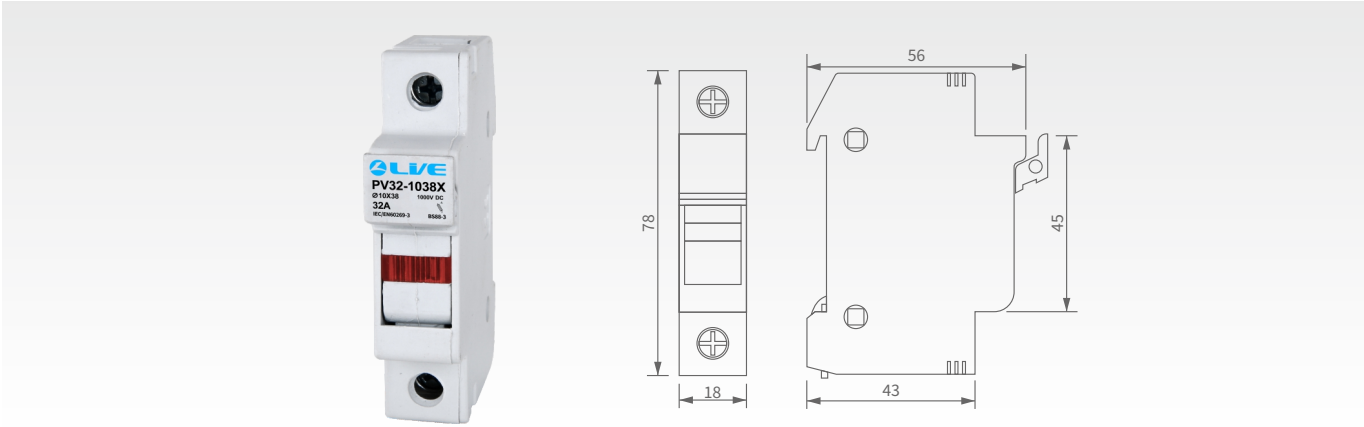
TYPE 2 DC SURGE PROTECTION DEVICE

Technical Data

- Open Voltage (Uoc Max) : 600VDC,1000VDC,1500VDC.
- Type: Type2.
- Max Continuous Operational Voltage (Uc) : 1300VDC.
- Nominal discharge current (In): 20kA.
- Maximum discharge current(Imax): 40kA.
- Voltage protection level (Up): ≤4.0kV.
- Protection degree: IP20.
- Ambient Temperature: -40°C~+80°C.
- Number of Poles: 2Poles,3Poles.

Part No.	Description	Box Qty
SPV240	2Pole 20KA/40KAtype2 Dc Surge Protection Device Up To 1000V	48
SPV340	3Pole 20KA/40KAtype2 DC Surge Protection Device Up To 1000V	24
SPV240/1	2Pole 20KA/40KA Type DC Surge Protection Device UP To 600V	48
SPV340/1	3Pole 20KA/40KAtype DC Surge Protection Device UP To 1500V	24

Photovoltaic Fuse Holder

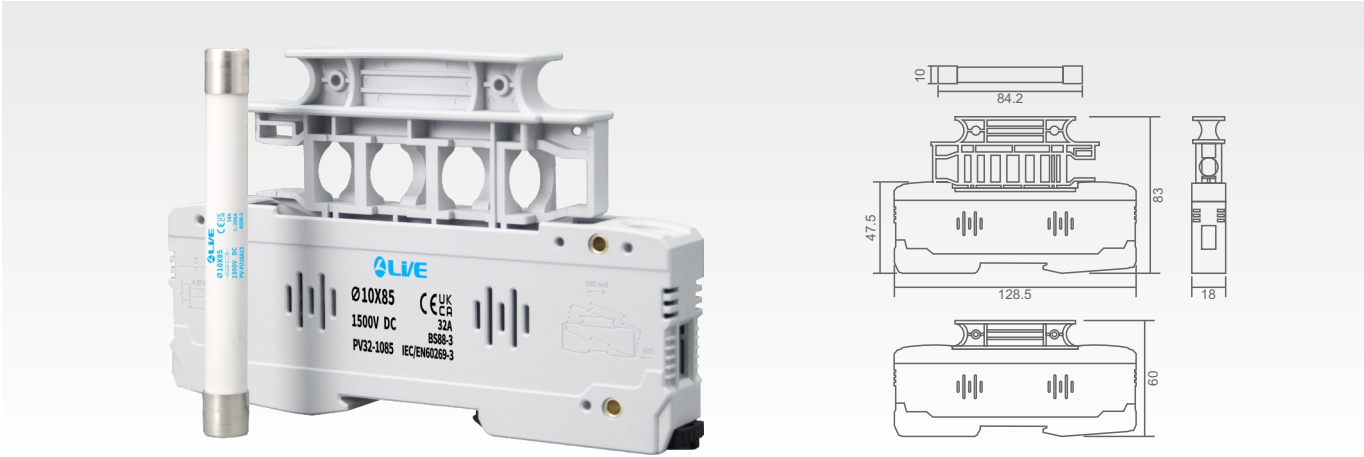


Technical Data

- Rated Voltage: DC1000V.
- Rated Current: 32A.
- Standard: IEC/EN60269-3, BS88-3.

Part No.	Description	Fuse Size	Max Rated Current	Function Class
PV32-1038X	32A 1000VDC Photovoltaic Fuse Holder with light Without Fuse	10X38	32A	gPV

Photovoltaic Fuse Holder



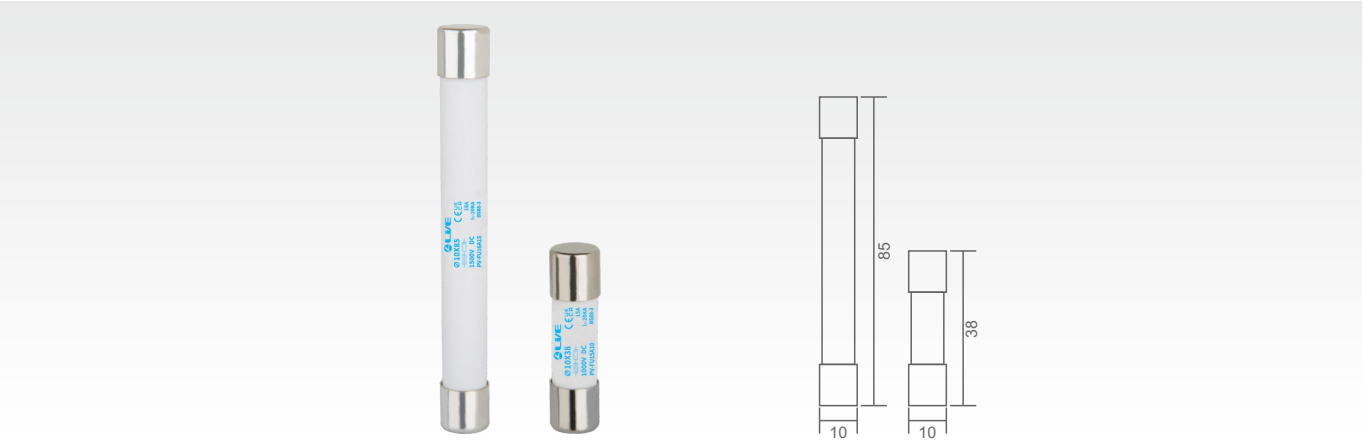
The Photovoltaic Fuse Holder is used in the photovoltaic combiner box to provide safe and reliable protection for overload and short-circuit current faults of PV modules and PV arrays.

Technical Data

- Rated Voltage: DC1500V.
- Rated Current: 32A.
- Standard: IEC/EN60269-3, BS88-3.

Part No.	Description	Fuse Size	Max Rated Current	Function Class
PV32-1085	32A 1500VDC Photovoltaic Fuse Holder Without Fuse	10X85	32A	gPV

Photovoltaic Fuse



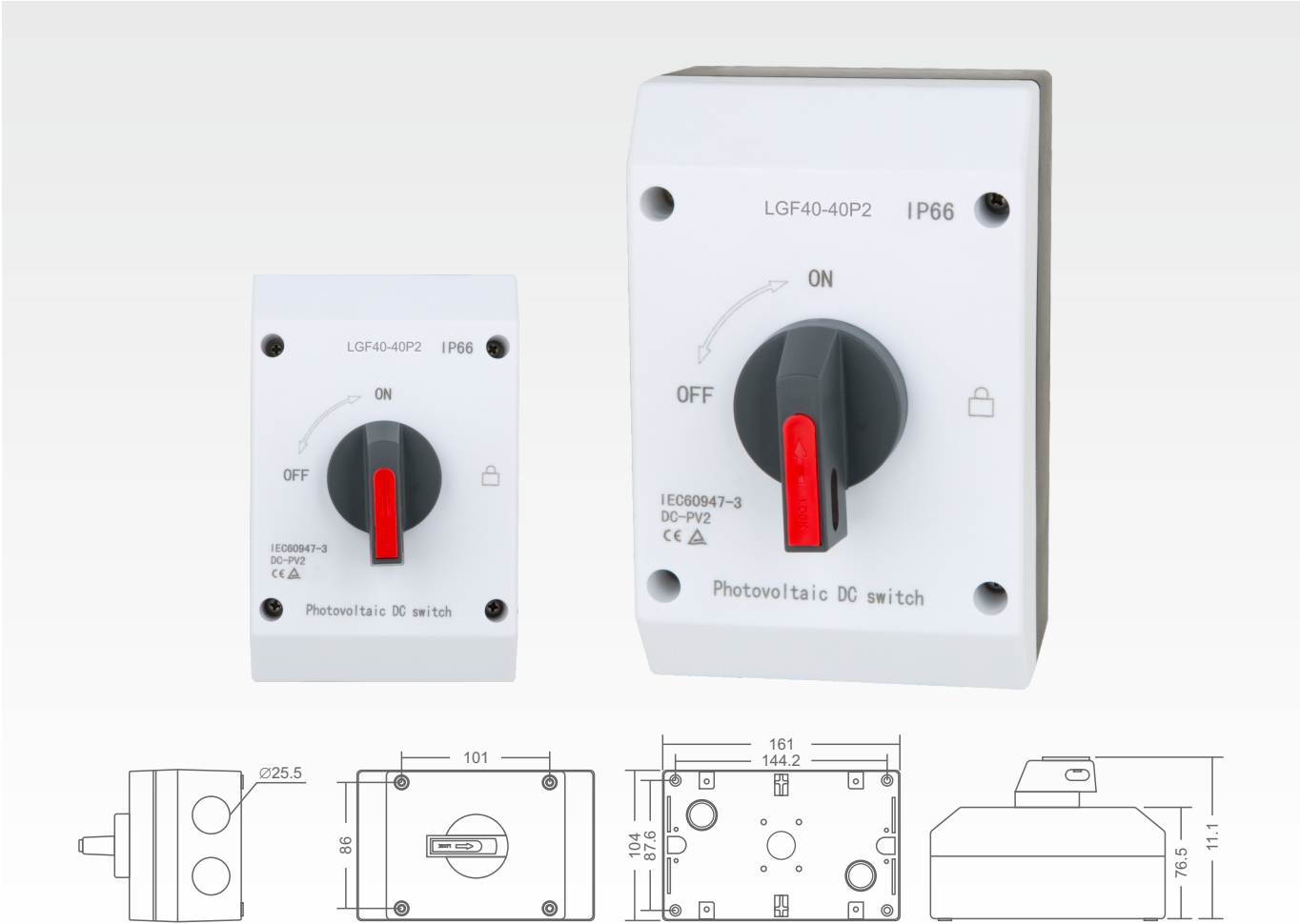
10X38 1000VDC PHOTOVOLTAIC FUSE

Part No.	Description	Function Class	Breaking Capacity (kA)
PV-FU2A10	2A 10x38 1000VDC Photovoltaic Fuse	gPV	20
PV-FU4A10	4A 10x38 1000VDC Photovoltaic Fuse	gPV	20
PV-FU6A10	6A 10x38 1000VDC Photovoltaic Fuse	gPV	20
PV-FU8A10	8A 10x38 1000VDC Photovoltaic Fuse	gPV	20
PV-FU10A10	10A 10x38 1000VDC Photovoltaic Fuse	gPV	20
PV-FU12A10	12A 10x38 1000VDC Photovoltaic Fuse	gPV	20
PV-FU15A10	15A 10x38 1000VDC Photovoltaic Fuse	gPV	20
PV-FU16A10	16A 10x38 1000VDC Photovoltaic Fuse	gPV	20
PV-FU20A10	20A 10x38 1000VDC Photovoltaic Fuse	gPV	20
PV-FU25A10	25A 10x38 1000VDC Photovoltaic Fuse	gPV	20
PV-FU30A10	30A 10x38 1000VDC Photovoltaic Fuse	gPV	20
PV-FU32A10	32A 10x38 1000VDC Photovoltaic Fuse	gPV	20

10X85 1500VDC PHOTOVOLTAIC FUSE

Part No.	Description	Function Class	Breaking Capacity (kA)
PV-FU2A15	2A 10x85 1500VDC Photovoltaic Fuse	gPV	20
PV-FU4A15	4A 10x85 1500VDC Photovoltaic Fuse	gPV	20
PV-FU6A15	6A 10x85 1500VDC Photovoltaic Fuse	gPV	20
PV-FU8A15	8A 10x85 1500VDC Photovoltaic Fuse	gPV	20
PV-FU10A15	10A 10x85 1500VDC Photovoltaic Fuse	gPV	20
PV-FU12A15	12A 10x85 1500VDC Photovoltaic Fuse	gPV	20
PV-FU16A15	16A 10x85 1500VDC Photovoltaic Fuse	gPV	20
PV-FU20A15	20A 10x85 1500VDC Photovoltaic Fuse	gPV	20
PV-FU25A15	25A 10x85 1500VDC Photovoltaic Fuse	gPV	20
PV-FU32A15	32A 10x85 1500VDC Photovoltaic Fuse	gPV	20

Photovoltaic DC Switch



Features

Each pole contact is equipped with an arc extinguishing system that can extinguish the arc immediately when the switch is closed.

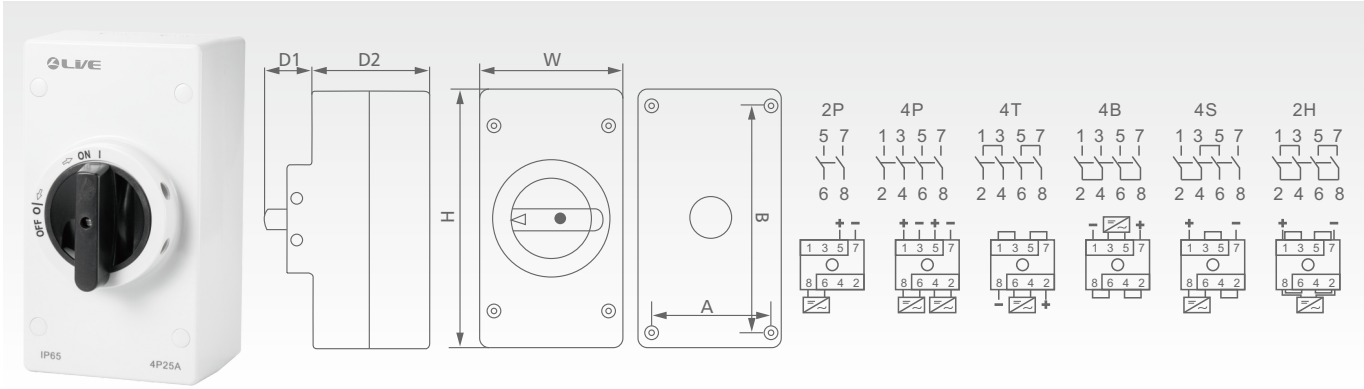
Extinguishing the disconnection speed, the attraction of the magnet, and the distance between the switch contacts and the contacts.

- Closing time: about 2ms.
- The cover can only be removed in the "off" position.
- IP66 rated.
- IEC60947-3.
- Grounding terminal.
- Operation temperature: -25°C~+85°C.

No.	Ue	Ie	Connection circuit
1	600V	40A	
2	800V	25A	
3	1000V	16A	
4	1200V	10A	

Part No.	Description	Box Qty
LGF40-10P2	4P 10A IP66 Photovoltaic DC Switch	1
LGF40-16P2	4P 16A IP66 Photovoltaic DC Switch	1
LGF40-25P2	4P 25A IP66 Photovoltaic DC Switch	1
LGF40-40P2	4P 40A IP66 Photovoltaic DC Switch	1

DC Rotary Isolator



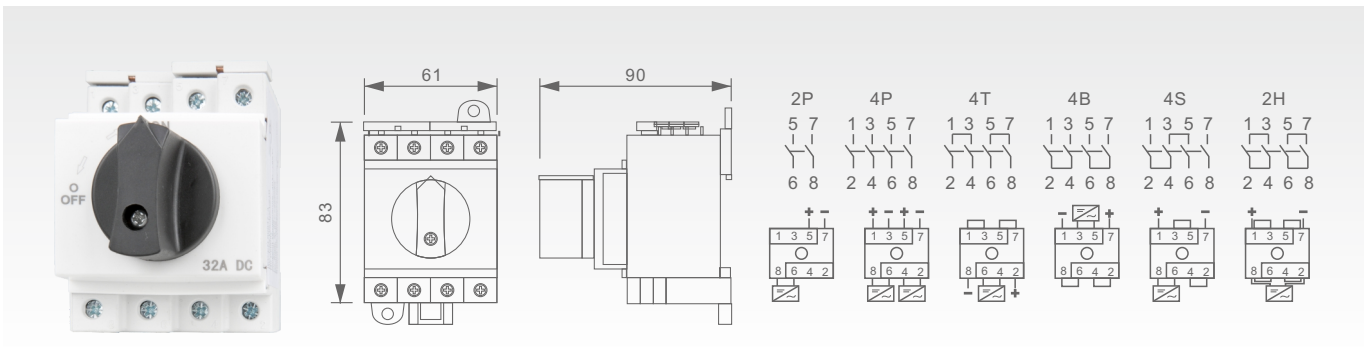
The LVE DC rotary isolator switch range is manufactured from tough, durable thermoplastic. all rated for installation and use as switch-disconnectors and all with options allowing for “lockable off” operation.

Features & Benefits

- IP Rating IP65.
 - Tough durable thermoplastic construction.
 - Interlock front cover can only be removed when in the OFF position.
- Manufactured to BS EN 60947-3.
 - Operating Voltage: 600V/1000V DC.
 - Cable entry knockout on enclosures.

Part No	Description	Box Qty	Dimensions					
			W	H	D1	D2	A	B
RI16DC	4 Pole 16A DC Rotary Isolator	20	100	180	37	81	84	158
RI20DC	4 Pole 20A DC Rotary Isolator	20	100	180	37	81	84	158
RI25DC	4 Pole 25A DC Rotary Isolator	20	100	180	37	81	84	158
RI32DC	4 Pole 32A DC Rotary Isolator	20	100	180	37	81	84	158

DC Rotary Isolator Switch

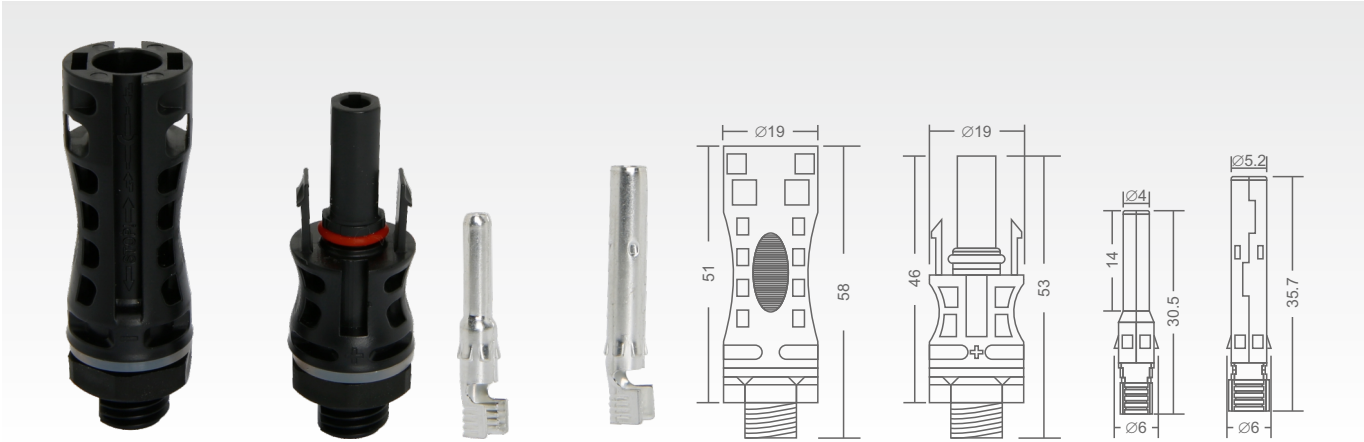


Features & Benefits

- IEC / EN 60947-3.
 - DC -PV2 DC -PV1/21B.
 - Ui =1200V Uimp =8kV.
 - Ambient Temperature : -40°C~+85°C.
- lthe Solar at 40°C=32Amps.
 - lthe Solar at 60°C=29AmpS.
 - Mounting Type.
 - Switch body :IP20.

Part No	Description	Box Qty
RIS16DC	4Pole 16A Dc Rotary Isolator Switch	40
RIS20DC	4Pole 20A Dc Rotary Isolator Switch	40
RIS25DC	4Pole 25A Dc Rotary Isolator Switch	40
RIS32DC	4Pole 32A Dc Rotary Isolator Switch	40

Photovoltaic Gland Connector

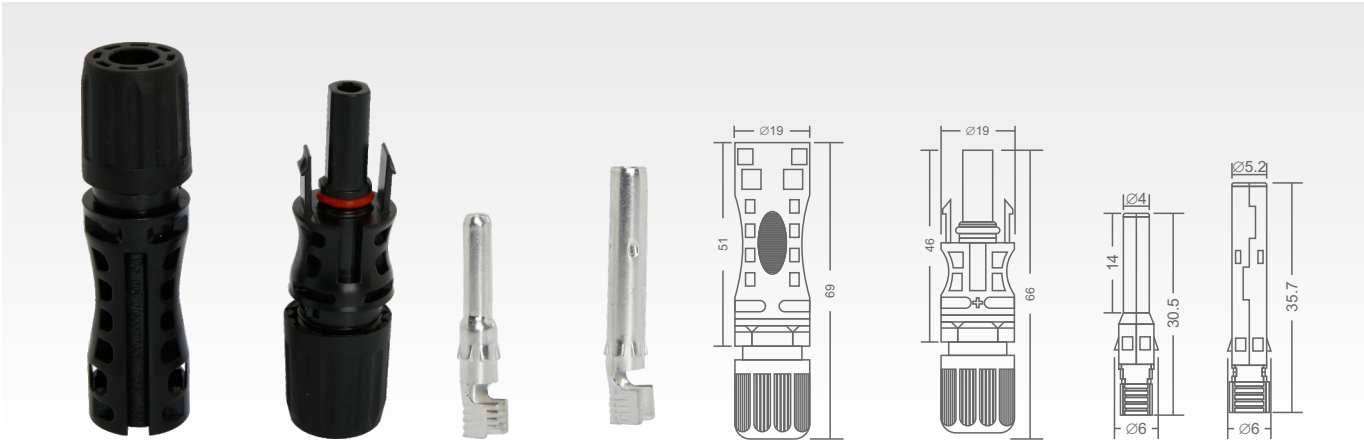


Technical Data

- Rated voltage: 1500V DC.
- Rated current: 30A.
- Test voltage: 6kV(50HZ,1min).
- Ambient temperature range: -40°C...+90°C.
- Upper limiting temperature: +105°C.
- IP Rating: IP67.
- Contact resistance of plug connector : 0.5mΩ.
- Safety Class: II.
- Insulation material: PC/PPO.
- Corrosion test grade: IEC 60068-2-52.

Part No.	Description	Box Qty
PV-SCB	1500V Solar photovoltaic Connector	1000

Photovoltaic Cable Connector

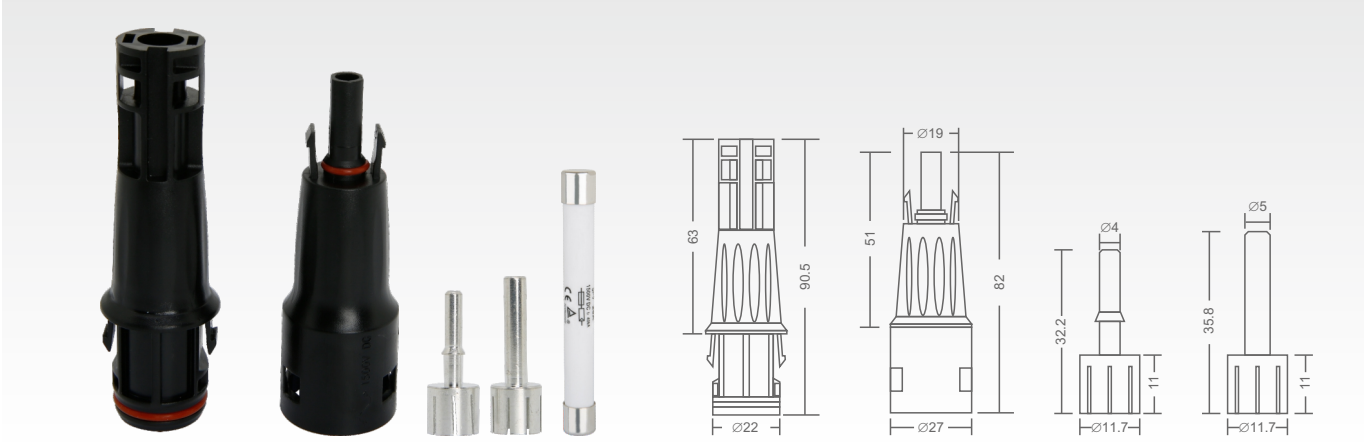


Technical Data

- Rated voltage: 1500V DC.
- Rated current: ≤35A.
- Test voltage: 6kV(50HZ,1min).
- Ambient temperature range: -40°C...+90°C.
- Upper limiting temperature: +105°C.
- IP Rating: IP67.
- Contact resistance of plug connector: 0.5mΩ.
- Safety Class: II.
- Insulation material: PC/PPO.
- Corrosion test grade: IEC 60068-2-52.

Part No.	Description	Box Qty
PV-SCL	1500V Solar photovoltaic Connector	500

Fuse Connector

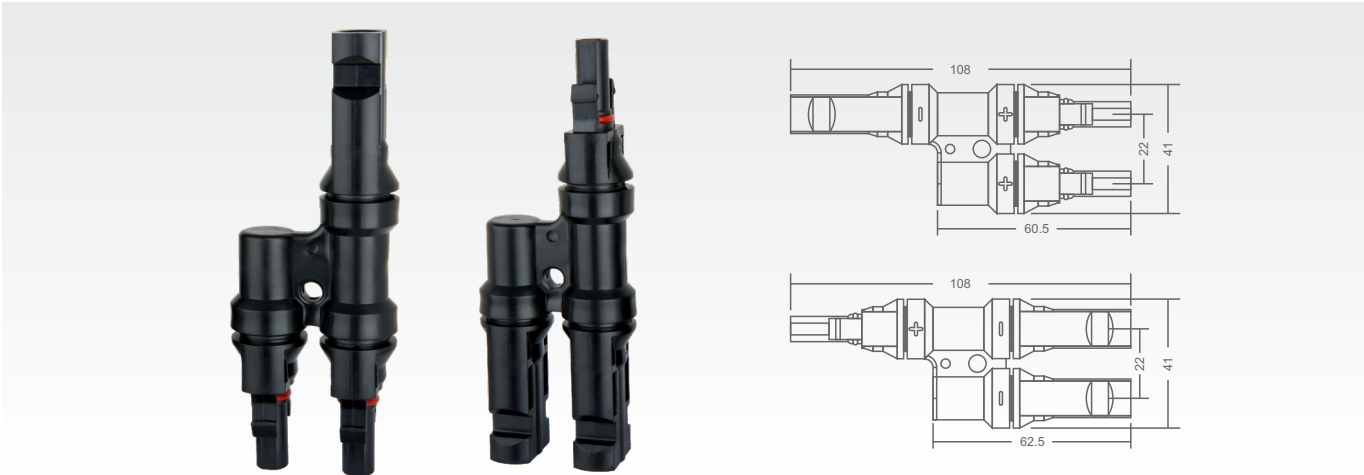


Technical Data

- Rated voltage: 1500V DC.
- Suitable fuse: ≤30A, 10X85 Fuse.
- Ambient temperature range: -40°C...+85°C.
- IP Rating: IP67.
- Contact material: Tin plated copper.
- Insulation material: PPO.
- Corrosion test Grade: IEC 62852.

Part No.	Description	Box Qty
PV-FC1500	1500V fuse connector without fuse	500

Type -T Branch Connector

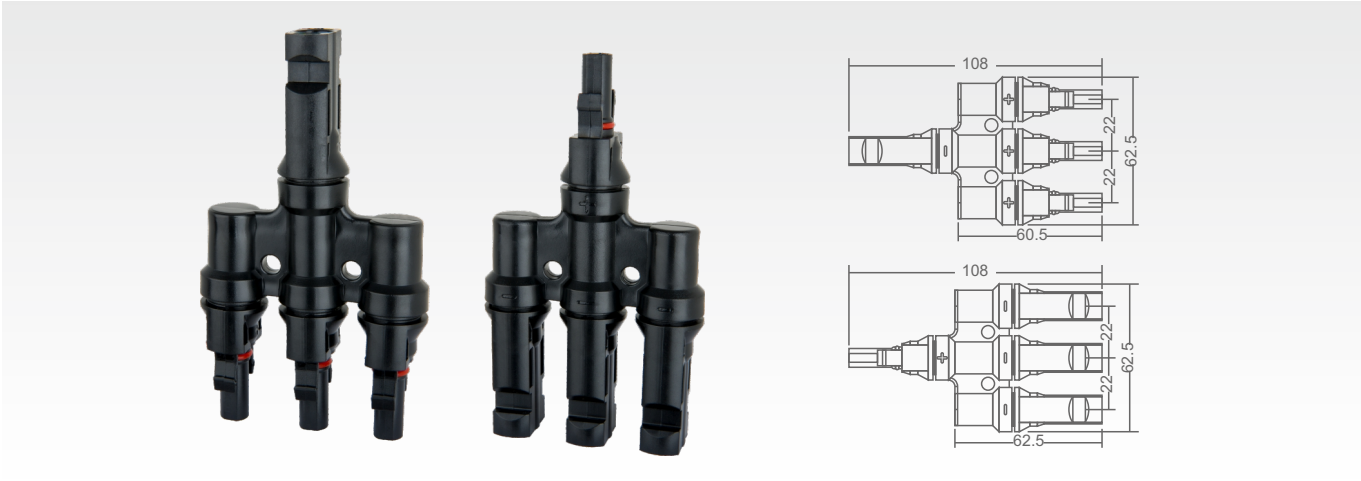


Technical Data

- Insulation Material: PPO.
- Contact Material: Copper, Tin plated.
- Suitable Current: 30A.
- Rated Voltage: 1000V.
- Test Voltage: 6KV.
- Contact Resistance: <0.5mΩ.
- IP Rating: IP67.
- Ambient Temperature Range: -40°C~+85°C.
- Pin Dimensions: φ4mm.

Part No.	Description	Box Qty
PV-BCT2	1000V Type-T Branch Connector, Two branches	200

Type -T Branch Connector



Technical Data

- Insulation Material: PPO.
- Contact Material: Copper,Tin plated.
- Suitable Current: 30A.
- Rated Voltage: 1000V.
- Test Voltage: 6KV.
- Contact Resistance: <0.5mΩ.
- IP Rating: IP67.
- Ambient Temperature Range: -40°C~+85°C.
- Safety Class: II.
- Pin Dimensions: φ4mm.

Part No.	Description	Box Qty
PV-BCT3	1000V Type-T Branch Connector,Three branches	150

Type -T Branch Connector

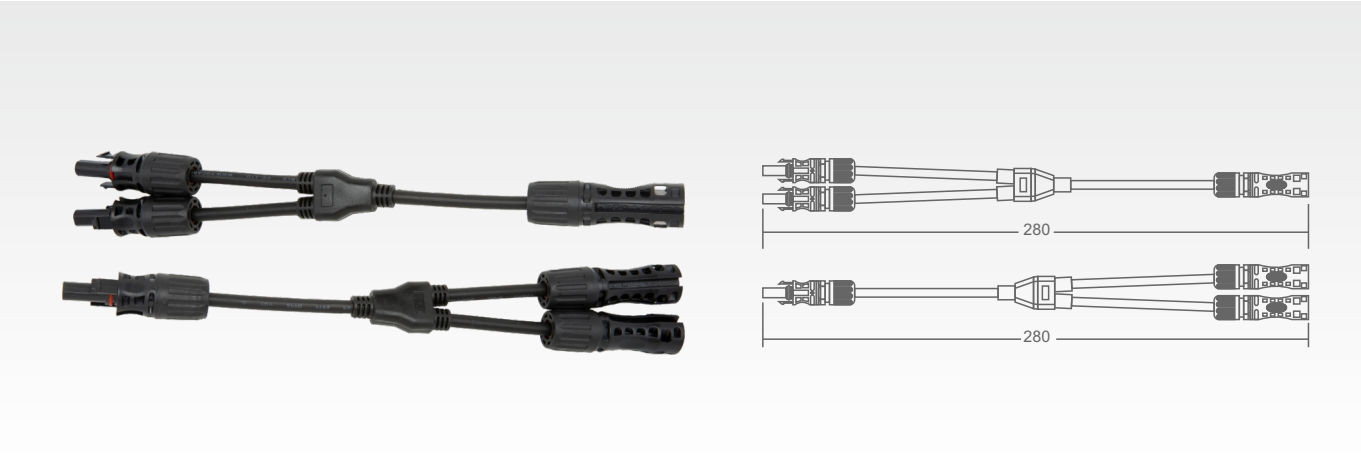


Technical Data

- Insulation Material: PPO.
- Contact Material: Copper,Tin plated.
- Suitable Current: 30A.
- Rated Voltage: 1000V.
- Test Voltage: 6KV.
- Contact Resistance: <0.5mΩ.
- IP Rating: IP67.
- Ambient Temperature Range: -40°C~+85°C.
- Safety Class: II.
- Pin Dimensions: φ4mm.

Part No.	Description	Box Qty
PV-BCT4	1000V Type-T Branch Connector,Four branches	100

Type -Y Photovoltaic Branch Connector

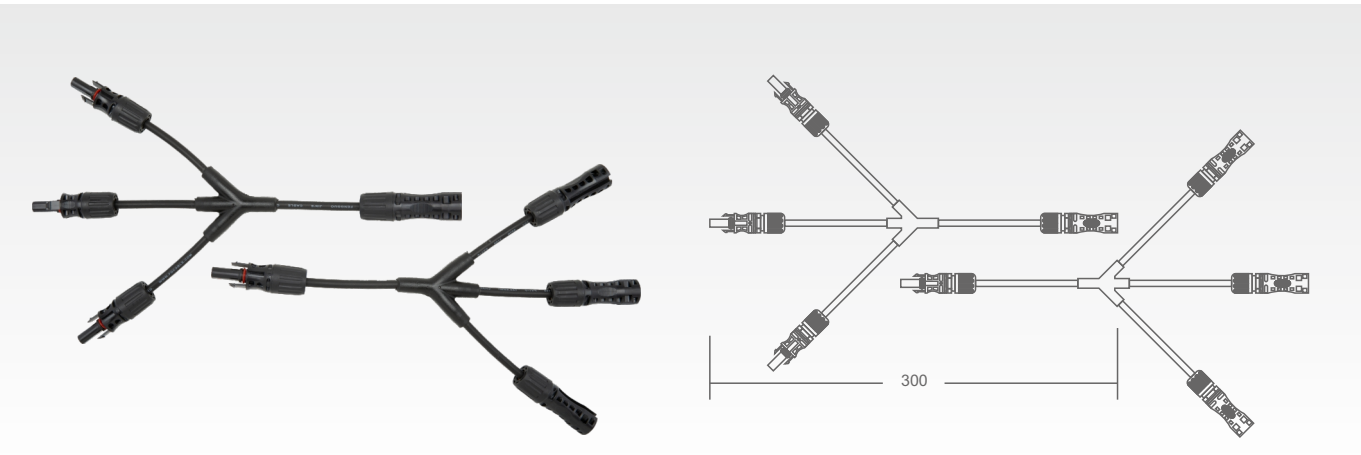


Technical Data

- Connector system: φ4mm.
- Rated voltage: 1500VDC.
- Rated current: 30A.
- Test voltage: 6kV(50HZ,1min).
- Ambient temperature range: -40°C...+90°C.
- Upper limiting temperature: +105°C.
- IP Rating: IP67.
- Contact resistance of plug connector: 0.5mΩ.
- Safety Class: II.
- Insulation material: PC/PA.
- Corrosion test grade: IEC 60068-2-52.

Part No.	Description	Box Qty
PV-BCY2	1500VDC Type-Y Branch Connector,Two Branches	100

Type -Y Photovoltaic Branch Connector

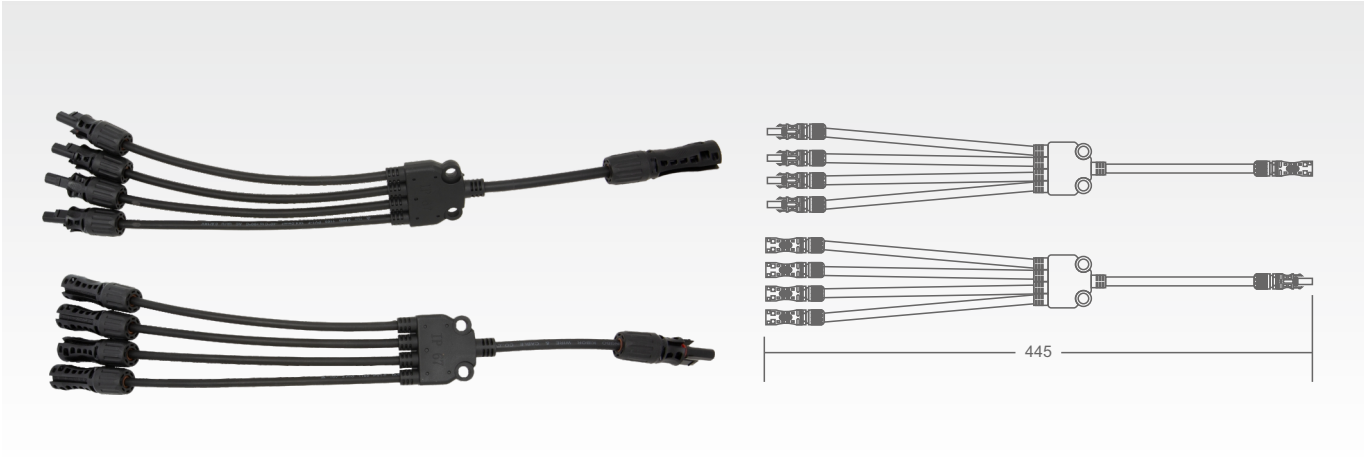


Technical Data

- Connector system: φ4mm.
- Rated voltage: 1500VDC.
- Rated current: 30A.
- Test voltage: 6kV(50HZ,1min).
- Ambient temperature range: -40°C...+90°C.
- Upper limiting temperature: +105°C.
- IP Rating: IP67.
- Contact resistance of plug connector: 0.5mΩ.
- Safety Class: II.
- Insulation material: PC/PA.
- Corrosion test grade: IEC 60068-2-52.

Part No.	Description	Box Qty
PV-BCY3	1500VDC Type-Y Branch Connector,Three Branches	50

Type -Y Photovoltaic Branch Connector

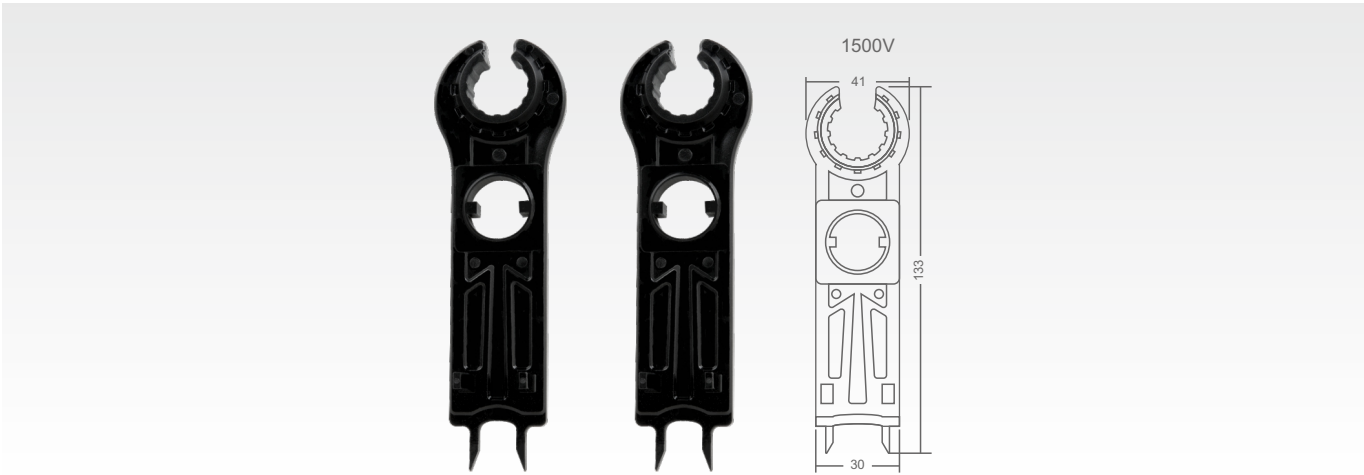


Technical Data

- Connector system: $\phi 4\text{mm}$.
- Rated voltage: 1500VDC.
- Rated current: 30A.
- Test voltage: 6kV(50HZ, 1min).
- Ambient temperature range: $-40^{\circ}\text{C} \dots +90^{\circ}\text{C}$.
- Upper limiting temperature: $+105^{\circ}\text{C}$.
- IP Rating: IP67.
- Contact resistance of plug connector: $0.5\text{m}\Omega$.
- Safety Class: II.
- Insulation material: PC/PA.
- Corrosion test grade: IEC 60068-2-52.

Part No.	Description	Box Qty
PV-BCY4	1500VDC Type-Y Branch Connector, Four Branches	40

Solar DC Connector Spanners



Technical Data

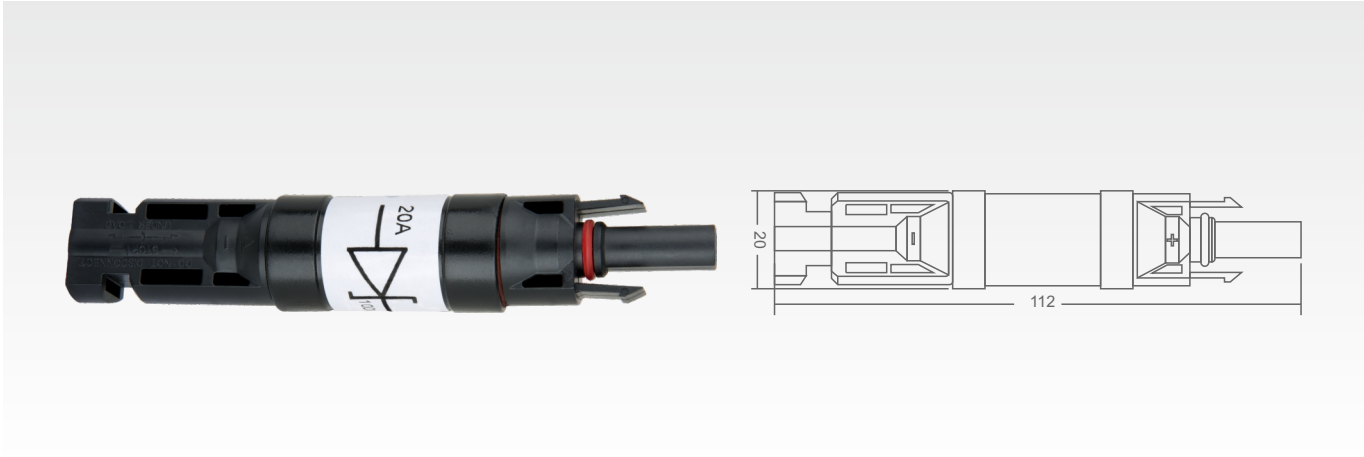
- Application: 1500V solar connector.
- Color: Black.
- Material: ABS.
- Handle: Straight.

Part No.	Description	Box Qty
PV-STM15	Solar DC Connector Spanners For 1500V	400

Feature

- Labor saving 30%.
- Dual color anti slip handle and convenient operation.
- Durable.

Diode Connector



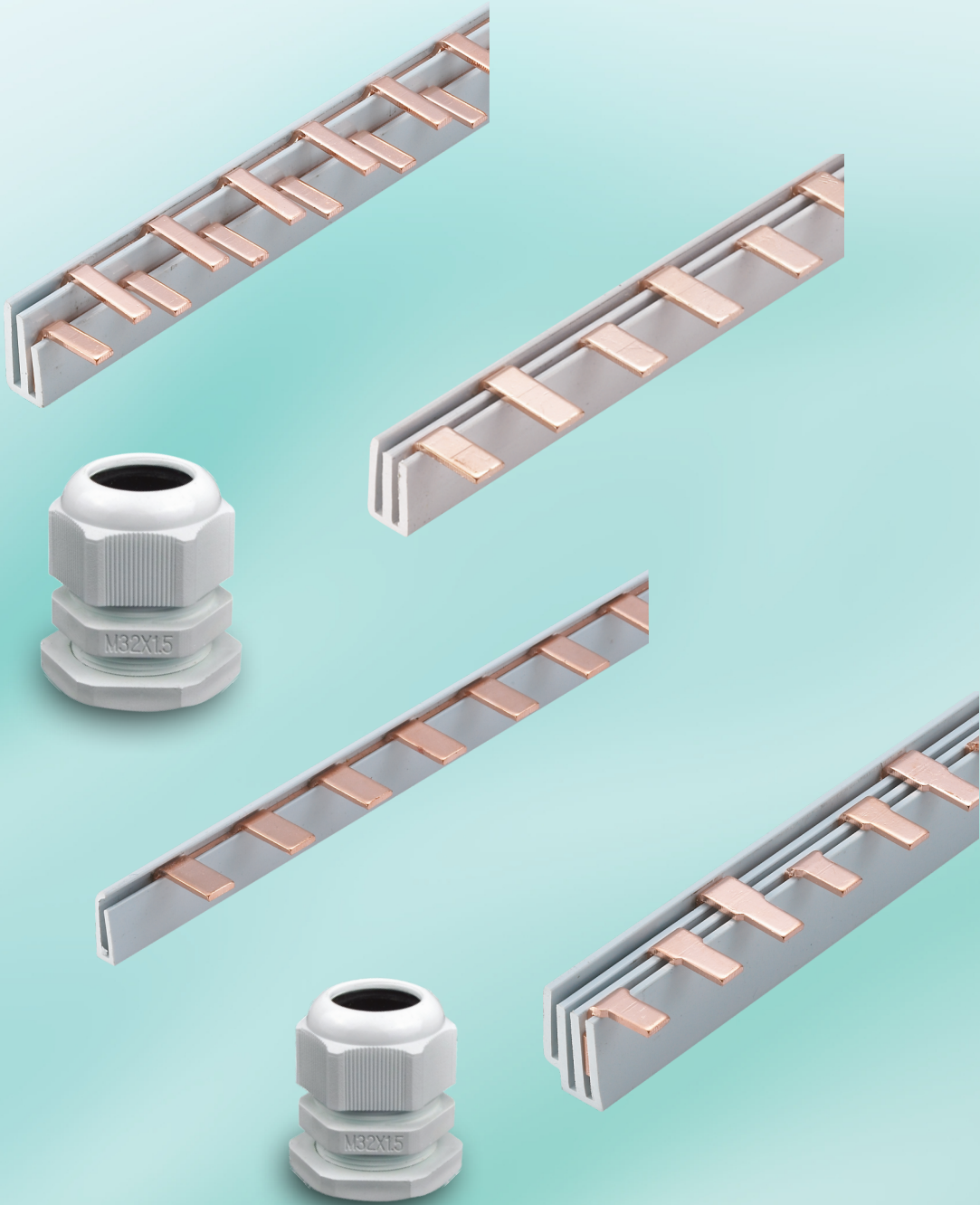
Technical Data

- Rated Voltage: 1000V DC.
- Contact materials: Tin plated copper.
- Rated Current: 10A/15A/20A.
- Standard: IEC 62852.
- IP Rating: IP67.
- Contact Resistance: $\leq 0.5\text{m}\Omega$.
- Ambient Temperature: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$.
- Insulation Material: PPO.

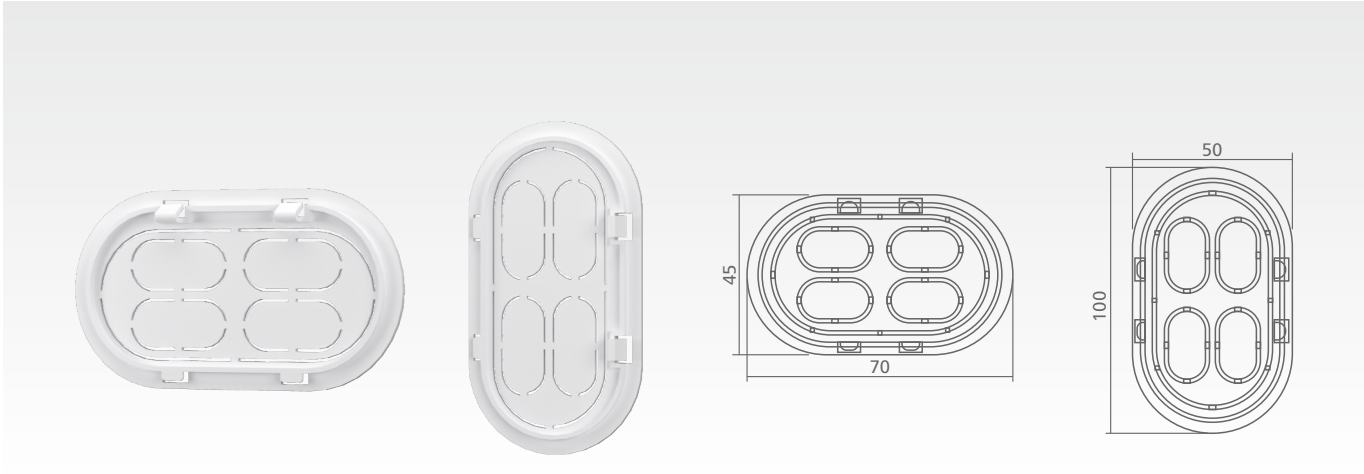
Part No.	Description	Box Qty
PV-DC10	10A 1000VDC Diode connector	500
PV-DC15	15A 1000VDC Diode connector	500
PV-DC20	20A 1000VDC Diode connector	500

ACCESSORIES

LIVE ELECTRICAL
DISTRIBUTION
UK LTD



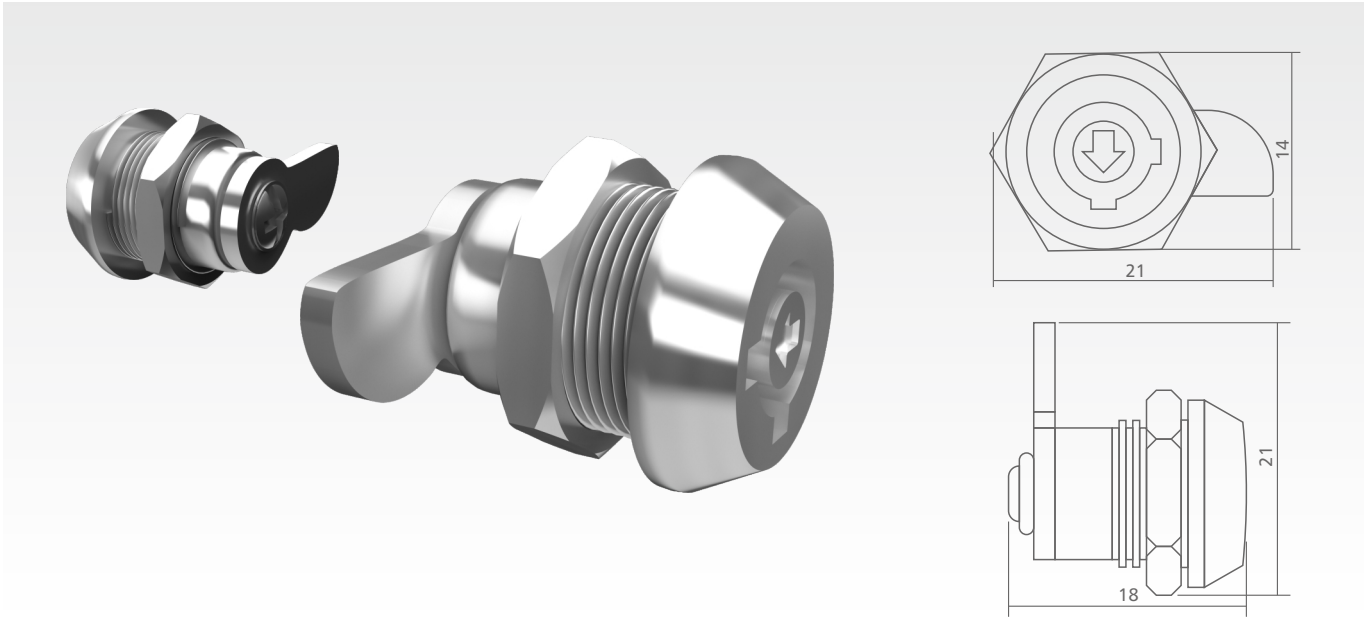
Plastic Blanking Cover



Design Features

Part No	Description
PBC45-70	45*70 Blanking Cover (Suitable for 4 way)
PBC50-100	50*100 Blanking Cover (Suitable for 6-24 way)

Padlock



Design Features

Part No	Description
PLK	Metal Consumer unit Padlock

Metal Consumer Unit Mounting Bracket



Design Features

- Mounting bracket suitable for LSMC series metal consumer unit.

Part No	Description	W (mm)	H (mm)	D (mm)	E (mm)	F (mm)	G (mm)
LS-MB04	4 Way Metal Clad Consumer Unit Mounting Bracket	136	270	30	104	68	5
LS-MB06	6 Way Metal Clad Consumer Unit Mounting Bracket	172	270	30	104	55	5
LS-MB08	8 Way Metal Clad Consumer Unit Mounting Bracket	208	270	30	104	91	5
LS-MB10	10 Way Metal Clad Consumer Unit Mounting Bracket	244	270	30	104	127	5
LS-MB12	12 Way Metal Clad Consumer Unit Mounting Bracket	280	270	30	104	163	5
LS-MB14	14 Way Metal Clad Consumer Unit Mounting Bracket	316	270	30	104	199	5
LS-MB16	16 Way Metal Clad Consumer Unit Mounting Bracket	352	270	30	104	235	5
LS-MB18	18 Way Metal Clad Consumer Unit Mounting Bracket	388	270	30	104	271	5
LS-MB22	22 Way Metal Clad Consumer Unit Mounting Bracket	460	270	30	104	343	5
LS-MB24	24 Way Metal Clad Consumer Unit Mounting Bracket	496	270	30	104	379	5

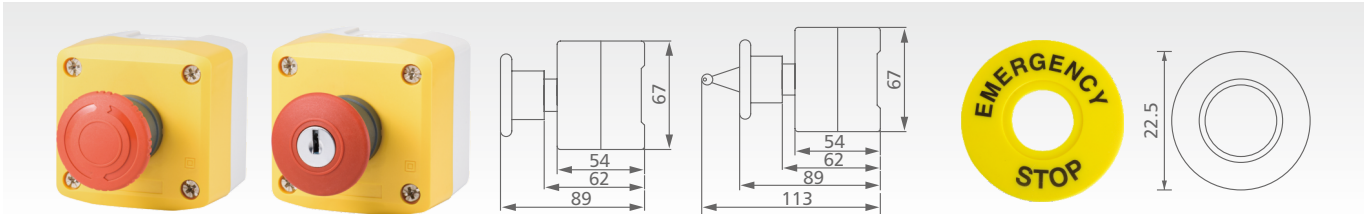
Connector Block



- Working voltage: 230V.
- Current Rating: 100 Amps.
- IP rating: IP20.
- Easy Knockout Entries.
- Secure Sealable Lid.
- 5 Cables Per Pole Capacity.
- Manufactured to EN 60998-2-1.

Part No.	Description	Box Qty	Dimensions		
			W	H	D
LCBS	Single Pole Connector box with terminal bar	100	64	40	48
LCBD	Double Pole Connector Box with terminal bar	50	155	63	66

Mushroom Head Stop Push Button



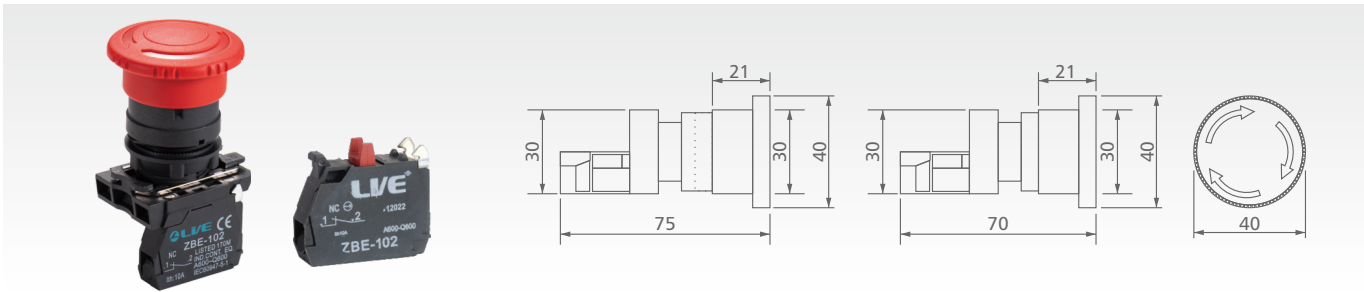
- IP rating: IP66.
- Contact Type: 1 NC.
- Ith: 10A Ui:600V Uimp:6kA AC15: 240V 3A.
- 20mm cable entry knock-outs on the top and bottom.
- Complies with BS EN60947-5-1.

Legend Plate

Suitable for use with 22.5mm push buttons, selector switches and key operated switches.

Part No.	Description	Box Qty
SPB	1 Way Mushroom Head Stop Push Button	100
SPBKEY	1 Way Mushroom Head Stop Push Button With Key Reset	100
LEGEND	Emergency Stop Legend Plate	50

Mushroom Head Emergency Button



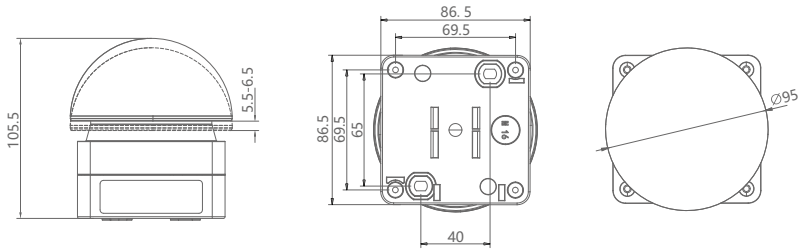
- IP rating: IP66.
- Contact Type: 1 NC.
- Ith: 10A Ui:600V Uimp:6kA AC15: 240V 3A.
- 20mm cable entry knock-outs on the top and bottom.
- Complies with BS EN60947-5-1.

Part No.	Description	Box Qty
SPB1NC	N/C Emergency stop switch	10
NCS-1	N/C Switch	10

Push Button Switch



- Multiple colors available for selection as needed.
- Options: self-locking/ auto-reset.
- Head Colors: Red/ Yellow/ Green/ Black.
- Can be washed with high pressure cleaners up to 100 Pa.
- IP65.
- Contact resistance: ≤100mΩ.
- Insulation resistance: ≥100MΩ (500VDC).



Part No.	Description	Normally open	Normally closed	Contact number	Product model	Box Qty
PSR/B	IP65 Auto Reset Push Button Switch /Black	1M	1B ⊖		Auto Reset	
PSR/R	IP65 Auto Reset Push Button Switch /Red	1M	1B ⊖		Auto Reset	
PSR/Y	IP65 Auto Reset Push Button Switch /Yellow	1M	1B ⊖		Auto Reset	
PSR/G	IP65 Auto Reset Push Button Switch /Green	1M	1B ⊖		Auto Reset	
PSS/R	IP65 Self Locking Push Button Switch/Red	1M	1B ⊖		Self-Locking	

Copper Busbar

DPN-63A-1 Meter-10mm2-108 Pin

Part No.	Description	Nominal Current			Nominal Voltage			Cross Section	
		63A			415V			10mm ²	
		A	B	C	D	E	Length	Pole	
DPN63A	DPN 63A Copper Busbar	1.4mm	7mm	4mm	17.8mm	11.5mm	1000mm	108	

Single Pole-100A-1 Meter-16mm2-54 Pin

Part No.	Description	Nominal Current			Nominal Voltage			Cross Section	
		100A			415V			16mm ²	
		A	B	C	D	E	Length	Pole	
SPC100	Single Pole 100A Copper Busbar	1.7mm	9mm	6mm	17.8mm	11.5mm	1000mm	54	

Double Pole-100A-1 Meter-16mm2-54 Pin

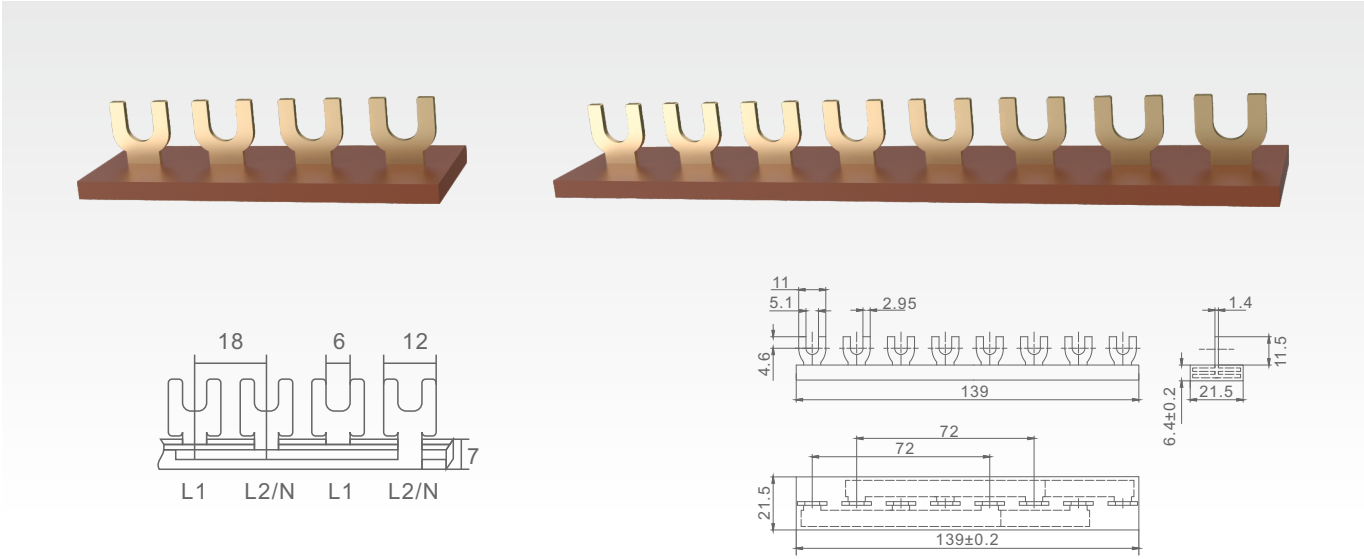
Part No.	Description	Nominal Current			Nominal Voltage			Cross Section	
		100A			415V			16mm ²	
		A	B	C	D	E	Length	Pole	
DPC100	Double Pole 100A Copper Busbar	2mm	6mm	11mm	17.8mm	11.5mm	1000mm	54	

3 Pole-100A-1 Meter-16mm2-54 Pin

Part No.	Description	Nominal Current			Nominal Voltage			Cross Section	
		100A			415V			16mm ²	
		A	B	C	D	E	Length	Pole	
TPC100	3 Pole 100A Copper Busbar	1.7mm	9mm	6mm	17.8mm	11.5mm	1000mm	54	

Copper Busbar

2 Pole-63A U-type copper busbar



Part No.	Description	Thickness	Nominal Current	Nominal Voltage	Cross Section
DPCU63/4	2P 63A 4Pin U-type copper busbar	1.4mm	63A	230V	7mm ²
FPCU63/8	4P 63A 8Pin U-type copper busbar	1.4mm	63A	230V	7mm ²

Earth Rods

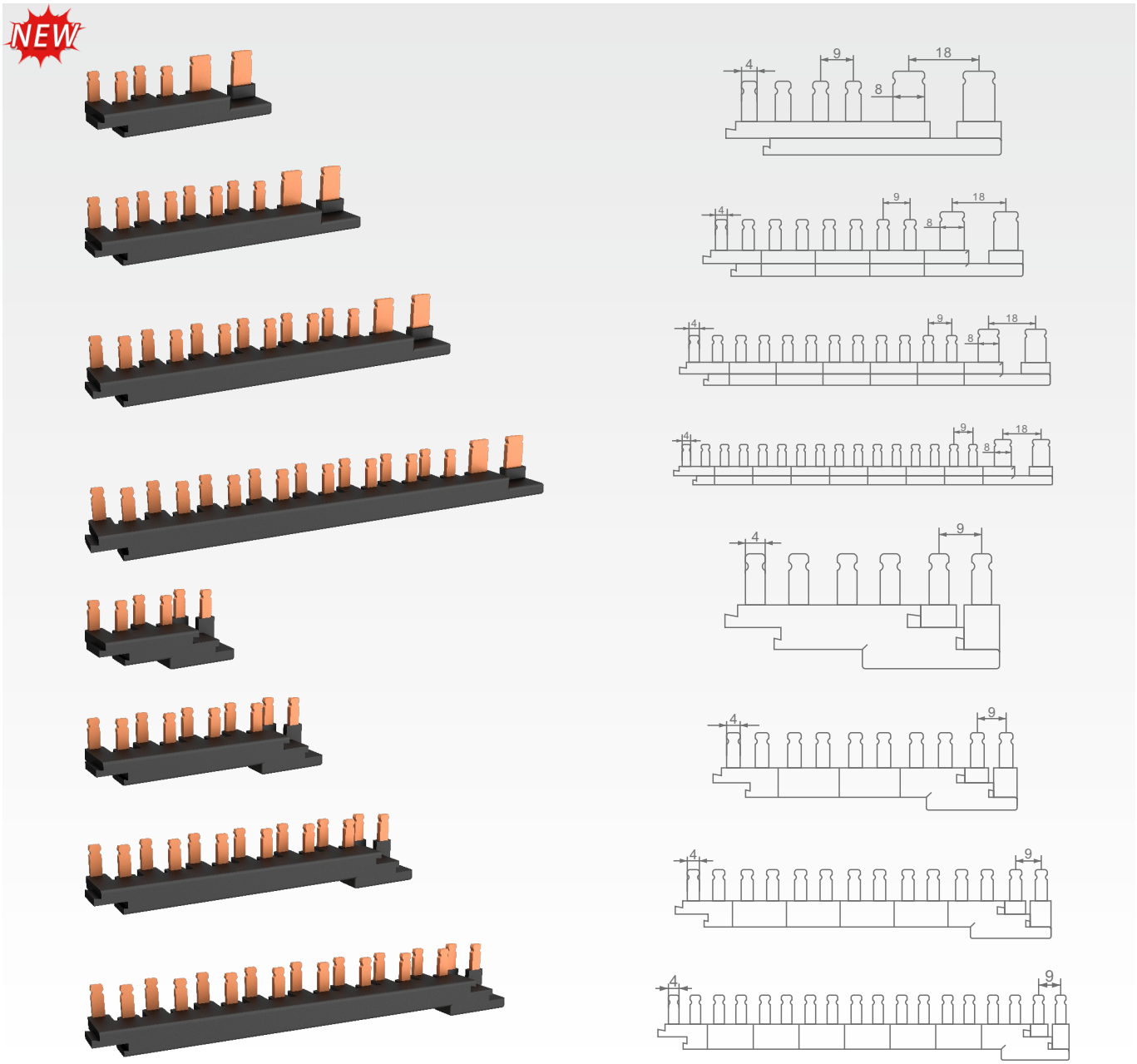


Features

- Copper bond earth rods probably offer the installer the best and most economical earth rodsavailable.They are made by molecularly bonding 99.9% pure electrolytic copper onto a low-carbon steel core.
- Copper thickness standard 254 microns.
- 0.74Kg .
- BS EN 50164-2,BS7430;

Part No	Description
LEVCS-ER	10x1200mm Earth Rods

Copper Busbar



Part No	Description
DPN100A4	2P+2 100A Copper Busbar
DPN100A6	2P+4 100A Copper Busbar
DPN100A8	2P+6 100A Copper Busbar
DPN100A10	2P+8 100A Copper Busbar
DPN100B3	+3units 100A Copper Busbar
DPN100B5	+5units 100A Copper Busbar
DPN100B7	+7units 100A Copper Busbar
DPN100B9	+9units 100A Copper Busbar

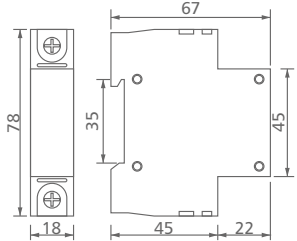
Accessories



MCB Type Terminal Block 100A

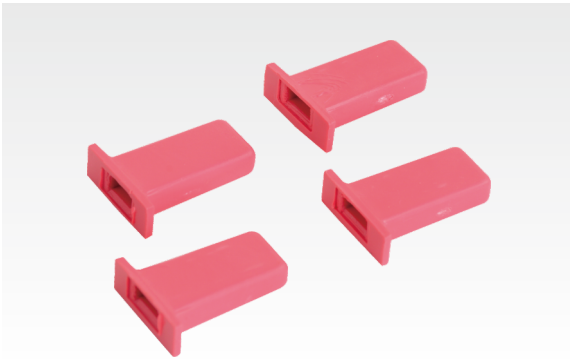
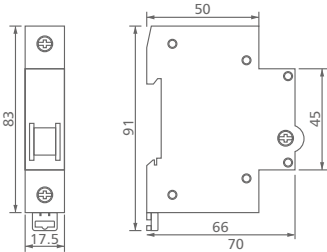
This LVE Terminal Block allows 100A tap off from distribution board or pan assembly outgoing way. It can be mounted in Din Rail. It can be fitted directly onto busbar, cable capacity is 35 mm².

Part No	Description	Box Qty
TBL100	MCB Type Terminal Block 100A 35mm ²	12




New MCB Type Terminal Block 100A

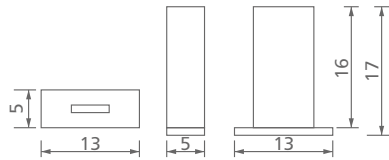
Part No	Description	Box Qty
TBLN100	NEW MCB Type Terminal Block 100A	12
TBLX-G	NEW MCB Type Terminal Block 100A With Green Light	12
TBLX-R	NEW MCB Type Terminal Block 100A With Red Light	12



Busbar Cap

LVE Insulating caps are protected unused outgoing terminals of the busbar.

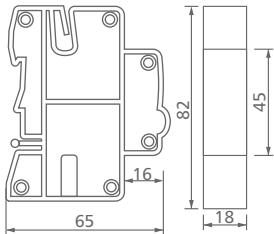
Part No	Description	Box Qty
Busbarcap	Busbar Cap Red 100 / PK	100




Plastic Blank

Single module MCB blank which clips into the consumer unit / TPN board.

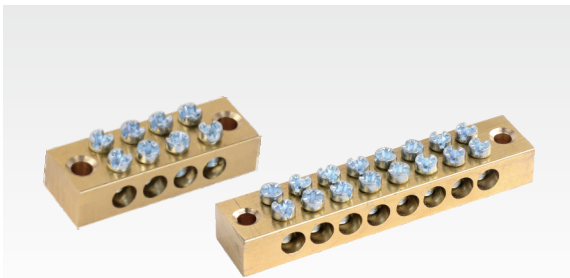
Part No	Description	Box Qty
PCUBLANK	Plastic Consumer Unit Blank	12



Accessories

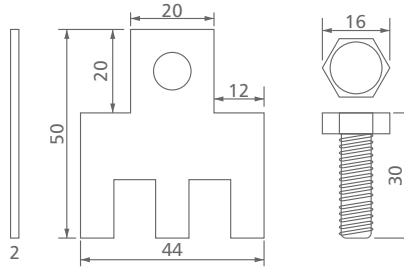


Earth Terminal Block

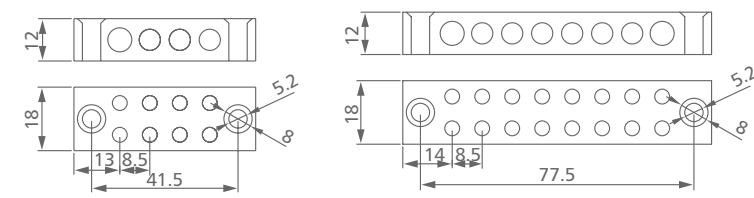


Single Phasing Kit

2 × warning labels
2 × numbered ID labels
1 × Busbar
Max rated current: 125A



Part No	Description	Box Qty
TPNKIT	Single Phase Kit for Three Phase Distribution Board	1



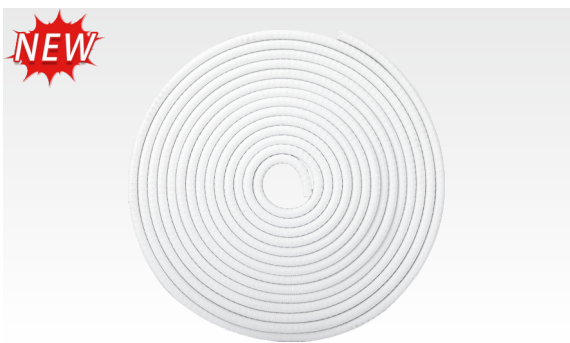
Part No.	Description	Box Qty
ET4W	4 Way Earth Terminal Block	100
ET8W	8 Way Earth Terminal Block	100

Grommet Strip



Part No.	Description	Box Qty
GS016	1x5m GROMMET STRIP(WHITE)	1

Sealing Strip



- Clamping range 0.8-2.5mm.
- Slot depth 8mm.

Part No.	Description	Box Qty
SS5M	1x5m Sealing Strip(White)	1

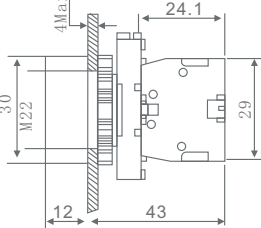
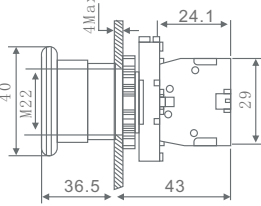
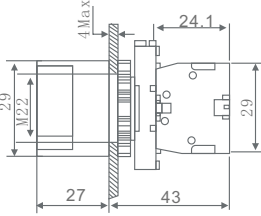
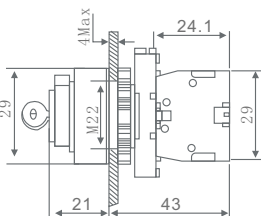
Push Button

NEW Style	Description	Part No.	Color	Contact	Working condition	Outline Dimensions
	Even button spring return	XB2-BA11	○ White	N/O	Self restoration	
		XB2-BA21	● Black	N/O		
		XB2-BA31	● Green	N/O		
		XB2-BA42	● Red	N/O		
		XB2-BA51	● Yellow	N/O		
		XB2-BA61	● Blue	N/O		
	Short handle stay put	XB2-BD21	∨	N/O	2 position self-lock	
		XB2-BD25	∨	N/O+N/C	2 position self-lock	
		XB2-BD41	↶	N/O	2 position Key 1 spring return to centre	
		XB2-BD45	↶	N/O+N/C	2 position Key 1 spring return to centre	
	Key stay put	XB2-BG21	∨	N/O	2 position self-lock	
		XB2-BG41	↶	N/O	2 position Key 1 spring return to centre	
		XB2-BG33	∨	N/O+N/O	3 position self-lock	
		XB2-BG53	↶	N/O+N/O	3 position Key 1 spring return to centre	
	Mushroom headturn torelease	XB2-BS442	● Red	N/C	Maintained	
		XB2-BS542	● Red	N/C		

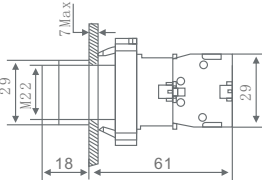
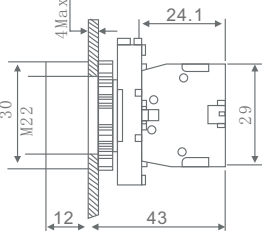
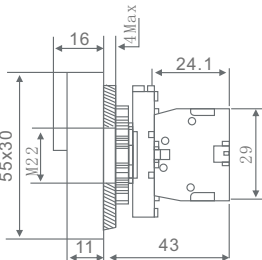
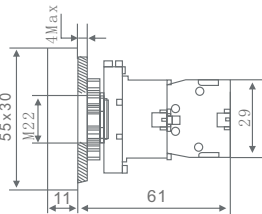
Push Button

NEW Style	Description	Part No.	Color	Contact	Working condition	Outline Dimensions
	Direct bulb supplied	XB2-BW1361	○ White	N/O	130V 50/60Hz 220V 50/60Hz 380V 50/60Hz	
		XB2-BW3361	● Green	N/O		
		XB2-BW3462	● Red	N/C		
		XB2-BW3561	● Yellow	N/O		
		XB2-BW3661	● Blue	N/O		
	1 flush green push button 1 flush red push button	XB2-BL8325	■ Green	N/O+N/C	Self restoration	
		XB2-BL8425	■ Red			
	Illuminated double head button-220V	XB2-BW8365	■ Green ■ Red	N/O+N/C	Self restoration	
		XB2-BW8465	■ Green ○ Red			
	Even button spring return with symbol logo	XB2-BA3341	ⓘ White	N/O	Self restoration	
		XB2-BA3351	ⓘ Black	N/O		
		XB2-BA3311	ⓘ Green	N/O		
		XB2-BA4322	ⓘ Red	N/C		
		XB2-BA5342	ⓘ Red	N/C		

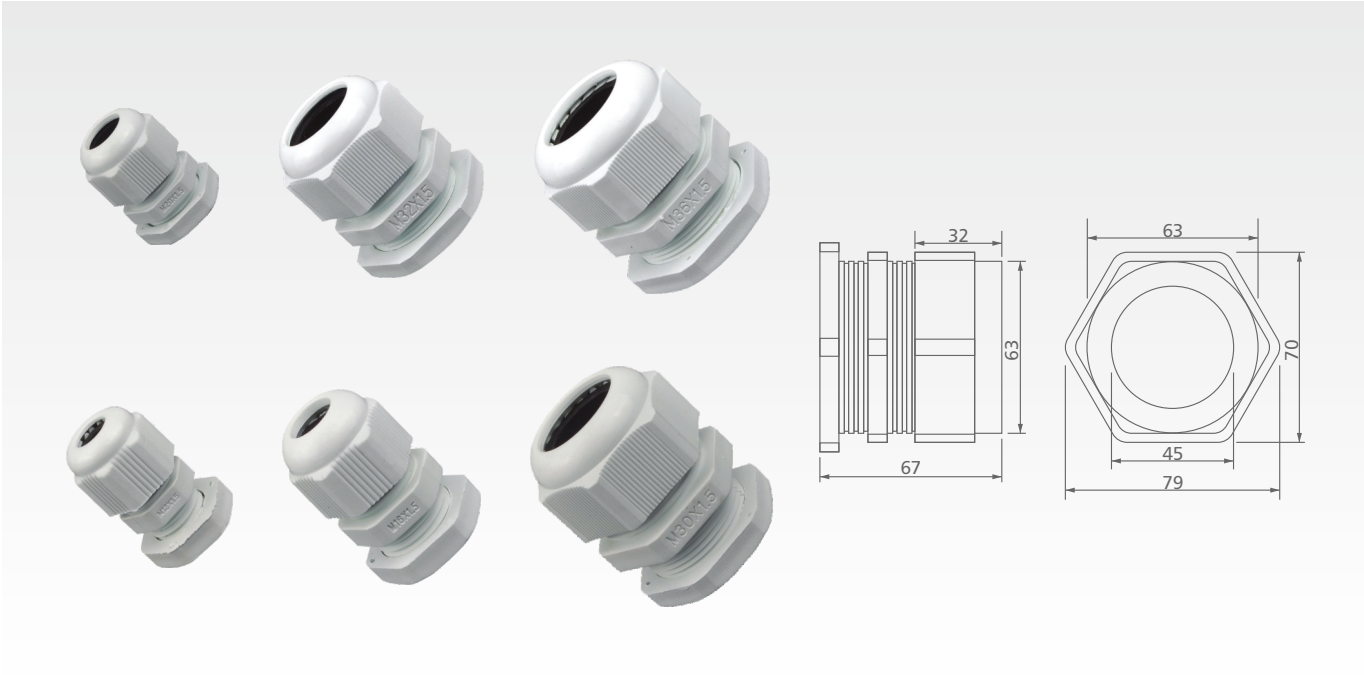
Push Button

NEW Style	Description	Part No.	Color	Contact	Working condition	Outline Dimensions
	Even button spring return	XB2-EA11	○ White	N/O	Self restoration	
		XB2-EA21	● Black	N/O		
		XB2-EA31	● Green	N/O		
		XB2-EA42	● Red	N/C		
		XB2-EA51	● Yellow	N/O		
		XB2-EA61	● Blue	N/O		
	Mushroom headturn torelease	XB2-ES42	● Red	N/C	Maintained	
	Short handle stay put	XB2-BD21	∨	N/O	2 position self-lock	
		XB2-BD25	∨	N/O+N/C	2 position self-lock	
		XB2-BD41	↶	N/O	2 position Key 1 spring return to centre	
		XB2-BD45	↶	N/O+N/C	2 position Key 1 spring return to centre	
	Key stay put	XB2-BG21		N/O	2 position self-lock	
		XB2-BG41		N/O	2 position Key 1 spring return to centre	
		XB2-BG33		N/O+N/O	3 position self-lock	
		XB2-BG53		N/O+N/O	3 position Key 1 spring return to centre	

Push Button

NEW Style	Description	Part No.	Color	Contact	Working condition	Outline Dimensions
	Illuminated button directness with Neon or LED 6~380V	XB2-BW3462	Red	NC	Self restoration	
		XB2-BW3361	Green	NO		
		XB2-BW3561	Yellow			
		XB2-BW3661	Blue			
	Flush button with mark	XB2-EA3311	①	N/O	Self restoration	
		XB2-EA3341	⬆	N/O		
		XB2-EA3351	⬆	N/O		
		XB2-EA3331	Stop	N/O		
		XB2-EA4322	⊙	N/C		
		XB2-EA4342	Stop	N/C		
	Double-headed button	XB2-EL8325	①	N/O+N/C	Self restoration	
		XB2-EL8425	⊙			
	Illuminated double-headed button with Neon or LED 6~380V	XB2-EW8365	①	N/O+N/C	Self restoration	
		XB2-EW8465	⊙			

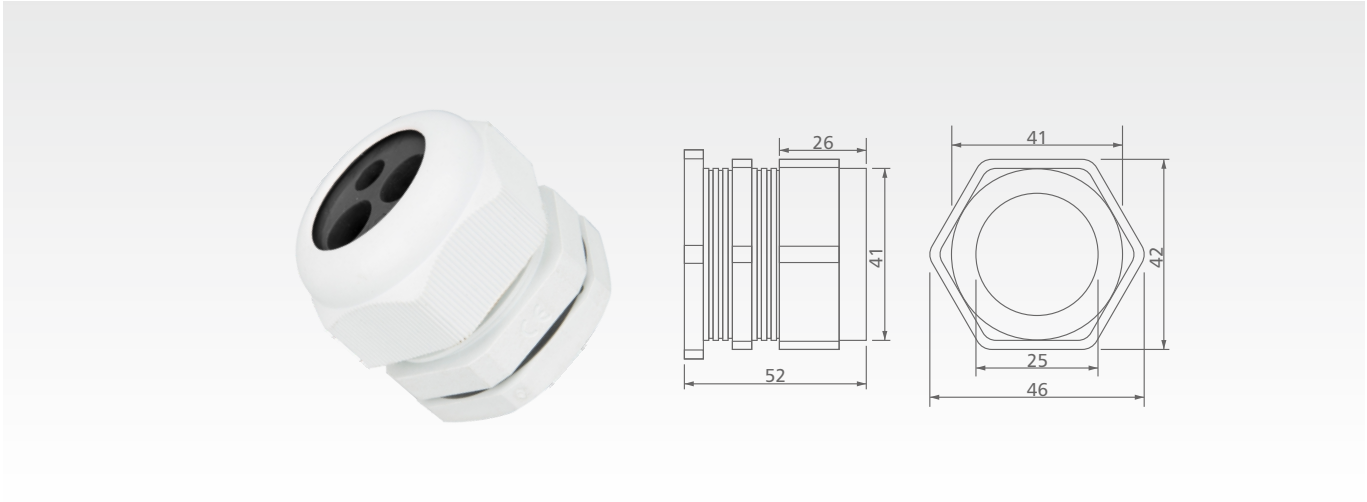
PG Thread Type Nylon Cable Gland



- Thread type: PG.
- Material: Nylon66, sealing ring is made of NBR.
- Fire Rating: UL94V-2;UL94V-0(optional).
- Protection degree: IP68.
- Temperature Resistance: -40°C (-40°F) to 100 °C(100°F), short time to 120 °C(248°F).
- Connection Thread Norms:EN60423 / DIN40430.
- Thread length: Standard thread type is used for the equipment which has inner thread or for the thin board. Longer thread type is used for the thick panel.
- Function: These cable glands are designed to withstand water, dust, salt, acid-base, alcohol, oil and common solvent. Extremely easy installation, simply insert cable through the assembled gland and tighten gland locknut until cable is secured.

Part No.	Cable Range(mm)	Thread O.D.(mm)	Mounting hole diameter(mm)
NPG7	3-6.5	12.5	12.5-12.7
NPG9	4-8	15.2	15.2-15.4
NPG11	5-10	18.6	18.6-18.8
NPG13	6-12	20.4	20.4-20.6
NPG16	10-14	22.5	22.5-22.7
NPG19	12-15	25	25-25.2
NPG21	13-18	28.3	28.3-28.5
NPG25	15-22	32	32-32.5
NPG29	18-25	37	37-37.5
NPG36	25-33	47	47-47.2
NPG42	32-38	54	54-54.2
NPG48	37-44	59.3	59.3-59.5
NPG63	42-52	72	72-72.2

Cable Gland



- Material:Nylon PA,Seal:NBR/EPDM.
- Protection class:IP68.
- Environment Temperature:from -40°C to 100°C (120C,short term).
- Product Color:Black,Orange.
- Material: Flame retardant ABS515.

Part No.	Cable Range(mm)	Thread O.D.(mm)	Panel Mounting Hole(mm)	Box Qty
PG32	7-10	32	32-32.3	500

Terms And Conditions

Live Electrical Distribution(UK)Ltd is registered at 4 Queensmead Place,Textilose Road, Manchester,M17 1PH (number 07429017).VAT Registration Number 151265629 When you (the person named on the order) place an orderwith us, we will do business with you under the following terms.

1.VAT

The prices shown are exclusive of VAT and this will be charged at the relevant rate.

2.Payment

Where we do not offer credit facilities all our goods are on a payment-with-order basis. If credit facilities are offered payment shall be received within 30-60 days from date of invoice unless specified in writing. Payments shall not be withheld due to unrelated claims made by the purchaser against the seller. Late payment charges of 2% per month on any outstanding invoice will be levied on overdue payments.

3.Sending you the goods

We will normally send you your goods on the same working day, as long as we receive your order before 3pm. The goods become your property as soon as we receive payment. Delivery We will deliver your order to any address in the UK. For standard delivery, we use a national carrier and in most cases you will receive your goods on the next working day. If you live in a remote area or the carrier finds your address more difficult to find, your delivery may take a little longer. With some of the more remote areas such as the Highlands of Scotland, delivery can take several days.

4.Receiving orders

We will always need an authorised signature when delivering goods to you.

5.Availability

We aim to keep enough stock so that we never run out. However, at times when there is unexpectedly high demand, we may unfortunately run out. If this happens, we may delay sending out your order for a couple of days while we get new stock. We will use the information you have given with your order to let you know about our progress. You may contact us at any time to check on the progress of your order.

6.Cancellation

If you want to cancel your order, you may do so at any time until we send it out. We normally pack and send out your order in a very short period. If you want to cancel the order, you should do so by email and we will confirm whether we have been able to do this.

7>Returns

If you wish to return non stock items a return fee of 20% will be levied against the cost of the goods when returned, no returns will be accepted without prior authorisation.

8.24-Month Guarantee

If any of the goods we supply fail to perform satisfactorily due to faulty materials or workmanship, you may contact us for a refund or to arrange repair (if we decide) at any time in the first 24 months. All we ask is that you explain what the problem is and give us details of the purchase. Some of the goods we sell carry longer manufacturers' warranties. Our guarantee is aimed at giving you extra peace of mind. It is not a substitute for the manufacturer's warranty.

9.Our mistakes

We are constantly updating our products, prices and offers. We are confident of our technology and staff but we realise that we sometimes may make mistakes. If we offer goods for sale incorrectly, we will always try to honour our offer. There may be rare circumstances where it is not possible for us to do this. In these cases, we will contact you and explain the situation. If we cannot sort out the matter fairly with you, we can refuse your order and refund any payment you may have made.

10.Unexpected circumstances

If things like strikes, wars, acts of terrorism or even small things like power cuts interfere with our business with you, we will do our best to keep things going. However, we will not be legally responsible to you for any failure which is due to these unexpected circumstances or any other situation outside our control.

Legal responsibility Nothing in these terms of business should affect your legal rights or limit our legal responsibility for death, personal injury or fraudulent misrepresentation resulting from our negligence, or any other liability which we cannot limit or exclude by law. (This includes our legal responsibility under section 2(3) of the Consumer Protection Act 1987.) We will not compensate for delivery delays or failures that are outside our control unless you have asked us for a premium delivery option. In these circumstances, we will limit what we pay you to a refund of the delivery charges you have paid. We will not be legally responsible to you for any losses which both we and you could not expect at the time you bought the goods. If you are a trade customer, we will not be legally responsible to you for any business losses.

Law These terms of business will be governed by English law. Any disputes will be dealt with by the English courts.

CERTIFICATION



