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LIVE ELECTRICAL DISTRIBUTION UK LTD

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LIVE ELECTRICAL
DISTRIBUTION
UK LTD

PRODUCT CATALOGUE

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



www.liveelectrical.co.uk

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 low cost, 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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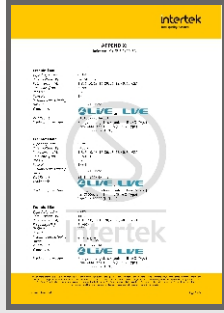
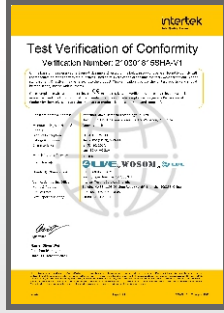
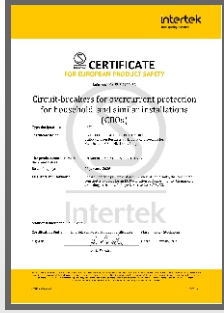
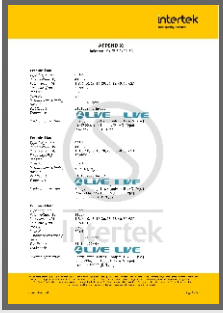
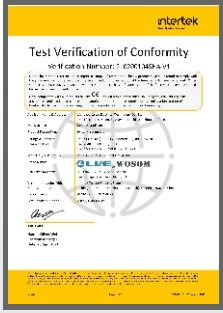
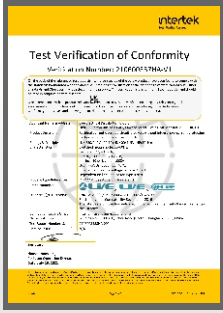
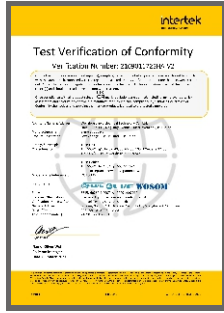
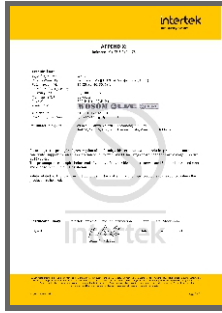
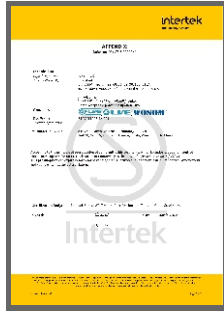
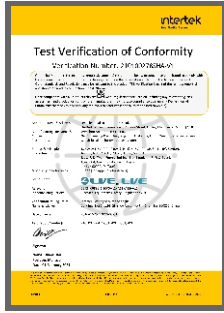
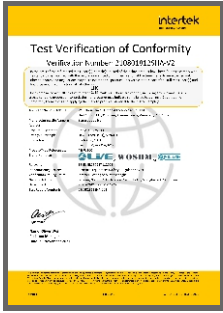
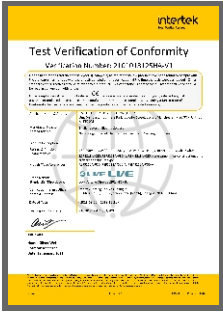
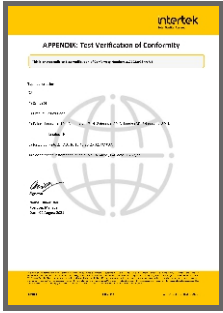
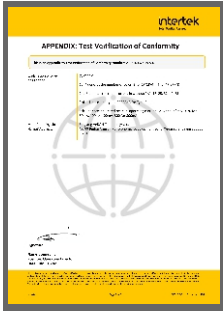
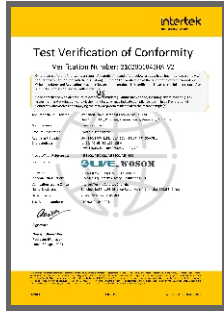
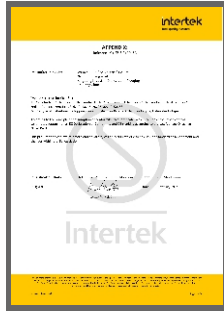
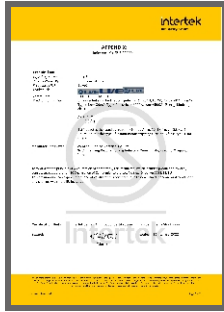
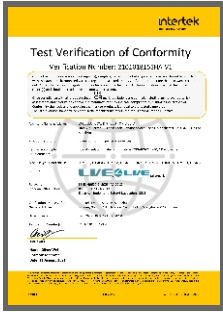
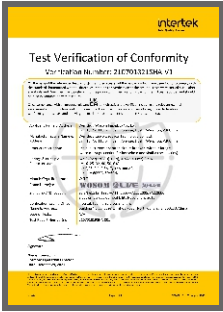
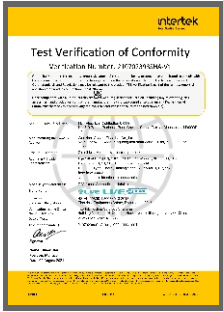
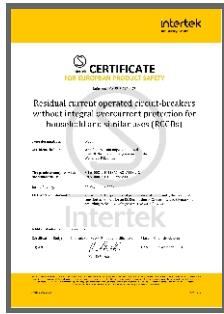
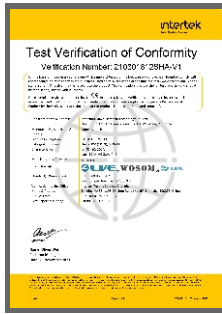
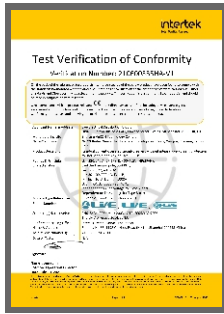
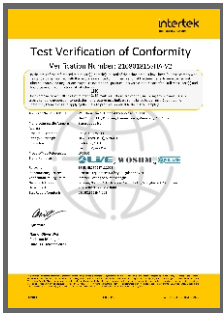
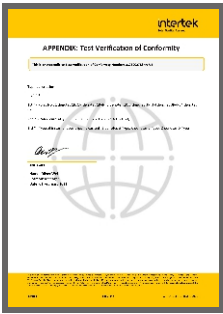
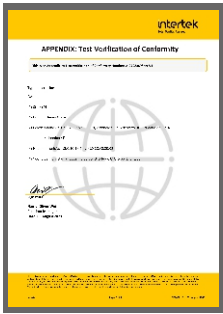
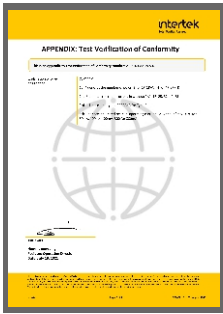
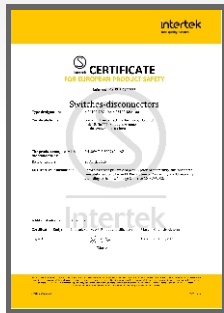
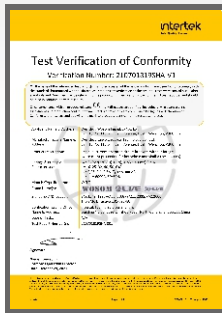
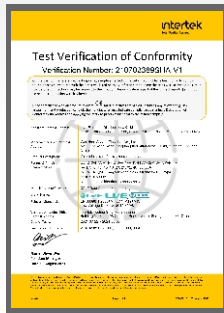
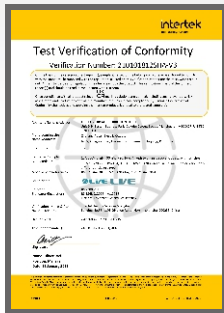
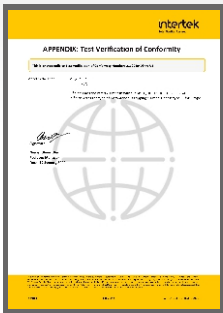
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CERTIFICATION



CONSUMER UNIT AND ENCLOSURE

LIVE ELECTRICAL
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UK LTD



• Metal Consumer unit Enclosure

Consumer unit enclosures supplied with blank, Neutral Cable, Busbar, Neutral & Earth Terminal bar, Din Rail

Part No.	Description	Box Qty	Dimensions		
			W	H	D
LHMC04	4 Way Metal clad Consumer Unit Enclosure	8	125	252	110
LHMC06	6 Way Metal clad Consumer Unit Enclosure	8	161	252	110
LHMC08	8 Way Metal clad Consumer Unit Enclosure	6	197	252	110
LHMC10	10 Way Metal clad Consumer Unit Enclosure	6	233	252	110
LHMC12	12 Way Metal clad Consumer Unit Enclosure	4	269	252	110
LHMC14	14 Way Metal clad Consumer Unit Enclosure	4	305	252	110
LHMC16	16 Way Metal clad Consumer Unit Enclosure	4	341	252	110
LHMC18	18 Way Metal clad Consumer Unit Enclosure	4	377	252	110
LHMC22	22 Way Metal clad Consumer Unit Enclosure	4	449	252	110
LHMC24	24 Way Metal clad Consumer Unit Enclosure	4	279	465	110
LHMC28	28 Way Metal Clad Consumer Unit Enclosure	4	305	465	110
LHMC36	36 Way Metal Clad Consumer Unit Enclosure	4	377	465	110

• Metal Main Switch (100A) Incomer

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

Part No.	Description	Box Qty	Dimensions		
			W	H	D
LHMC04/100	4 Way Metal Clad Consumer Unit c/w 100A Main Switch(2 usable ways)	8	125	252	110
LHMC06/100	6 Way Metal Clad Consumer Unit c/w 100A Main Switch(4 usable ways)	8	161	252	110
LHMC08/100	8 Way Metal Clad Consumer Unit c/w 100A Main Switch(6 usable ways)	6	197	252	110
LHMC10/100	10 Way Metal Clad Consumer Unit c/w 100A Main Switch(8 usable ways)	6	233	252	110
LHMC12/100	12 Way Metal Clad Consumer Unit c/w 100A Main Switch(10 usable ways)	4	279	252	110
LHMC14/100	14 Way Metal Clad Consumer Unit c/w 100A Main Switch(12 usable ways)	4	305	252	110
LHMC16/100	16 Way Metal Clad Consumer Unit c/w 100A Main Switch(14 usable ways)	4	341	252	110
LHMC18/100	18 Way Metal Clad Consumer Unit c/w 100A Main Switch(16 usable ways)	4	377	252	110
LHMC22/100	22 Way Metal Clad Consumer Unit c/w 100A Main Switch(20 usable ways)	4	449	252	110
LHMC36/125	36 Way Metal Clad Consumer Unit c/w 125A(34 usable way)	4	377	465	110

• Metal RCD Incomer

Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail and with DP RCD



Part No.	Description	Box Qty	Dimensions		
			W	H	D
LHMC04-RC63	4 Way Metal Clad Consumer Unit c/w 63A 30mA RCD (2 usable ways)	8	125	252	110
LHMC06-RC63	6 Way Metal Clad Consumer Unit c/w 63A 30mA RCD (4 usable ways)	8	161	252	110
LHMC06-RC80	6 Way Metal Clad Consumer Unit c/w 80A 30mA RCD (4 usable ways)	8	161	252	110
LHMC08-RC63	8 Way Metal Clad Consumer Unit c/w 63A 30mA RCD (6 usable ways)	6	197	252	110
LHMC08-RC80	8 Way Metal Clad Consumer Unit c/w 80A 30mA RCD (6 usable ways)	6	197	252	110
LHMC10-RC63	10 Way Metal Clad Consumer Unit c/w 63A 30mA RCD (8 usable ways)	6	233	252	110
LHMC10-RC80	10 Way Metal Clad Consumer Unit c/w 80A 30mA RCD (8 usable ways)	6	233	252	110
LHMC12-RC63	12 Way Metal Clad Consumer Unit c/w 63A 30mA RCD (10 usable ways)	4	269	252	110
LHMC12-RC80	12 Way Metal Clad Consumer Unit c/w 80A 30mA RCD (10 usable ways)	4	269	252	110

• Metal RCD Split Load

Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail, 2 DP RCD and with DP 100A main Switch

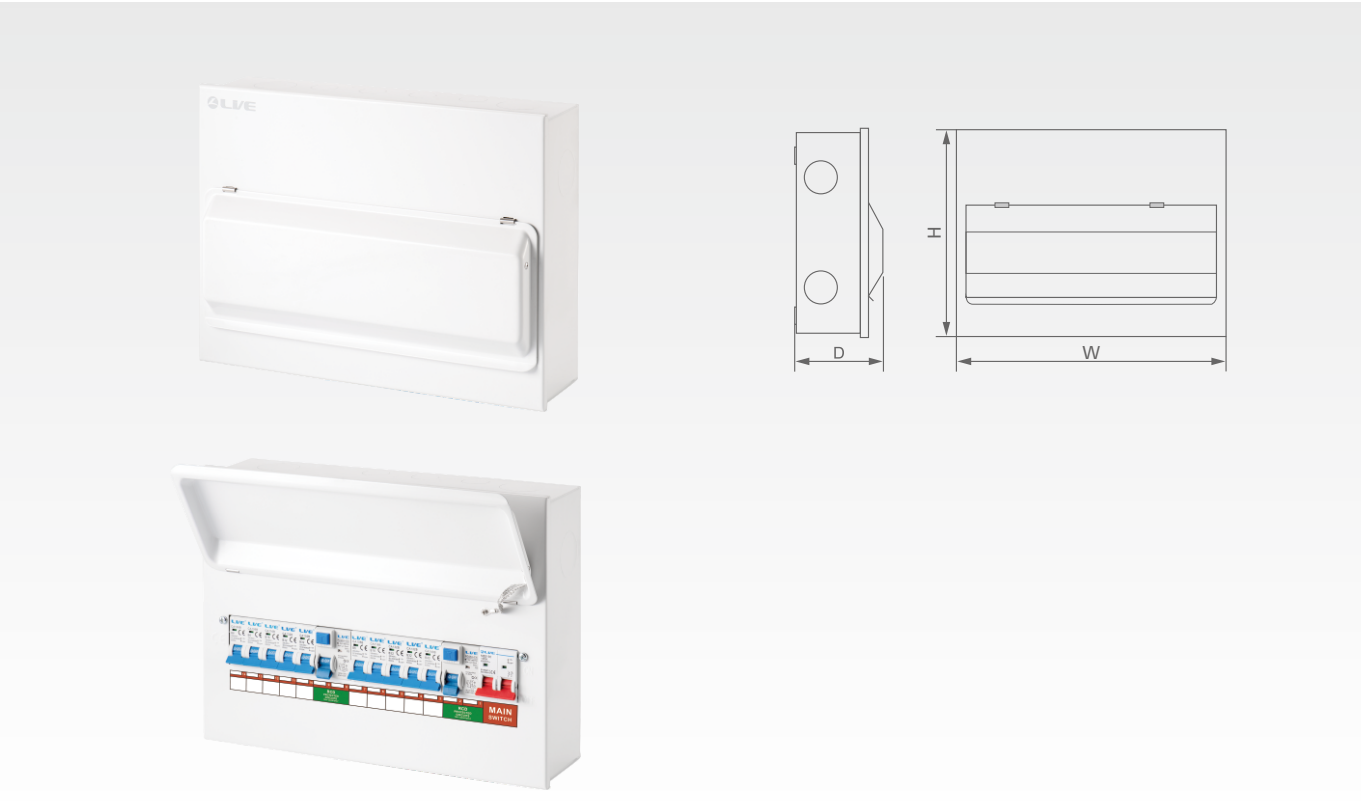


Part No.	Description	Box Qty	Dimensions		
			W	H	D
LHMC1463TR	14 Way Split Load c/w 100A Main Switch / 2×63A 30mA RCD (8 usable ways)	4	305	252	110
LHMC1480TR	14 Way Split Load c/w 100A Main Switch / 2×80A 30mA RCD (8 usable ways)	4	305	252	110
LHMC1663TR	16 Way Split Load c/w 100A Main Switch / 2×63A 30mA RCD (10 usable ways)	4	341	252	110
LHMC1680TR	16 Way Split Load c/w 100A Main Switch / 2×80A 30mA RCD (10 usable ways)	4	341	252	110
LHMC1863TR	18 Way Split Load c/w 100A Main Switch / 2×63A 30mA RCD (12 usable ways)	4	377	252	110
LHMC1880TR	18 Way Split Load c/w 100A Main Switch / 2×80A 30mA RCD (12 usable ways)	4	377	252	110
LHMC2263TR	22 Way Split Load c/w 100A Main Switch/2 x 63A 30mA RCD(16 usable ways)	4	449	252	110
LHMC2280TR	22 Way Split Load c/w 100A Main Switch / 2×80A 30mA RCD (16 usable ways)	4	449	252	110
LHMC36100TR	36 Way Split Load c/w 125A Main Switch/2x100A RCD(30 usable way)	4	377	465	110

• Metal Populated Unit

Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail, 2 DP RCD and with DP 100A main Switch

- 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 RCBOs, MCBs,
- Flexible connection allows for various configurations of protected ways.

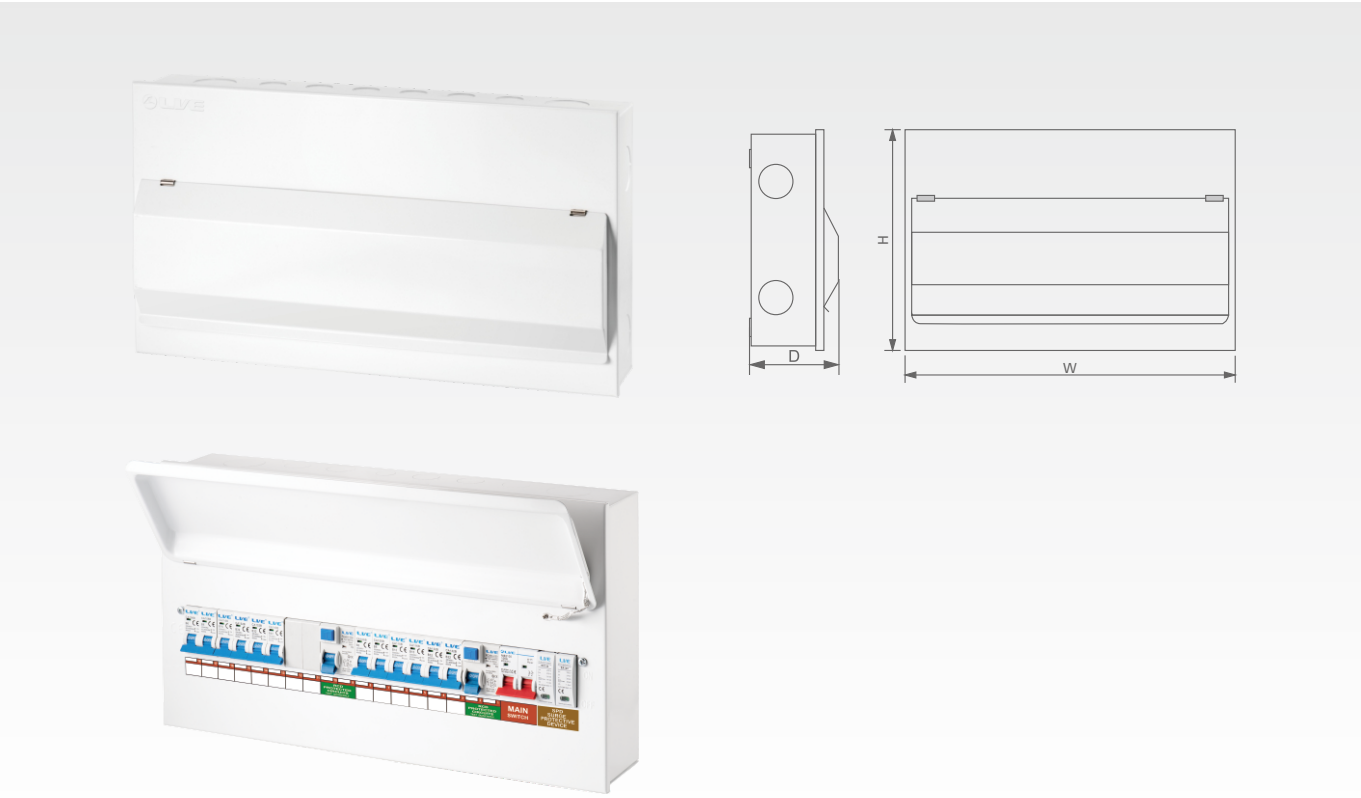


Part No.	Description	Box Qty	Dimensions		
			W	H	D
LHMC1463TR-A	14 Way Split Load c/w 100A Main Switch / 2×63A 30mA RCD +8 MCBs (3×6A, 1×16A, 3×32A, 1×40A)	4	305	252	110
LHMC1480TR-A	14 Way Split Load c/w 100A Main Switch /2 x 80A 30mA RCD+8 MCBs (3x6A,1x16A,3x32A, 1x40A)	4	305	252	110
LHMC1663TR-A	16 Way Split Load c/w 100A Main Switch / 2×63A 30mA RCD + 10 MCBs (3×6A, 2×16A, 4×32A, 1×40A)	4	341	252	110
LHMC1680TR-A	16 Way Split Load c/w 100A Main Switch /2 x 80A 30mA RCD+10 MCBs (3x6A,2x16A,4x32A, 1x40A)	4	341	252	110
LHMC1863TR-A	18 Way Split Load c/w 100A Main Switch / 2×63A 30mA RCD + 10 MCBs (3×6A, 2×16A, 4×32A, 1×40A)	4	377	252	110
LHMC1880TR-A	18 Way Split Load c/w 100A Main Switch / 2×80A 30mA RCD + 10 MCBs (3×6A, 2×16A, 4×32A, 1×40A)	4	377	252	110
LHMC2263TR-A	22 Way Split Load c/w 100A Main Switch /2 x 63A 30mA RCD+12 MCBs (4x6A,1x10A,2x16A,4x32A, 1x40A)	4	449	252	110
LHMC2280TR-A	22 Way Split Load c/w 100A Main Switch / 2×80A 30mA RCD +12 MCBs (4×6A, 1×10A, 2×16A, 4×32A,1×40A)	4	449	252	110
LHMC2463TR-A	24 Way Split Load c/w 100A Main Switch /2 x 63A 30mA RCD+16 MCBs (6x6A,1x10A,2x16A,5x32A, 2x40A)	4	279	465	110
LHMC2480TR-A	24 Way Split Load c/w 100A Main Switch /2 x 80A 30mA RCD+16 MCBs (6x6A,1x10A,2x16A,5x32A, 2x40A)	4	279	465	110

• Metal Surge Protection Populated Unit

Consumer unit enclosures supplied with neutral cable, busbar, neutral & earth terminals, DIN rail, 2 DP RCD and with DP 100A main Switch

- 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 RCBOs, MCBs,
- Flexible connection allows for various configurations of protected ways.
- Type 2 Surge Device fitted



Part No.	Description	Box Qty	Dimensions		
			W	H	D
LHMC1463TR-AS	14 Way Split Load c/w 100A Main Switch/2x63A 30mA RCD + 6MCBs (2x6A, 1x16A, 2x32A, 1x40A)+20/40kA DP Surge Protective Device	4	305	252	110
LHMC1663TR-AS	16 Way Split Load c/w 100A Main Switch/2x63A 30mA RCD + 8MCBs (3x6A, 1x16A, 3x32A, 1x40A)+20/40kA DP Surge Protective Device	4	341	252	110
LHMC1680TR-AS	16 Way Split Load c/w 100A Main Switch / 2x80A 30mA RCD + 8MCBs (3x6A, 1x16A, 3x32A, 1x40A +20/40kA DP Surge Protective Device)	4	341	252	110
LHMC1863TR-AS	18 Way Split Load c/w 100A Main Switch / 2×63A 30mA RCD+10 MCBs (3x6A, 2x16A, 4x32A, 1x40A) + 20/40kA DP Surge Protective Device	4	377	252	110
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	4	377	252	110
LHMC2280TR-AS	22 Way Split Load c/w 100A Main Switch / 2×80A 30mA RCD+12 MCBs (4x6A, 1x10A, 2x16A, 4x32A, 1x40A) + 20/40kA DP Surge Protective Device	4	449	252	110
LHMC2480TR-AS	24 Way Split Load c/w 100A Main Switch /2 x 80A 30mA RCD+16 MCBs (6x6A, 1x10A, 2x16A, 5x32A, 2x40A) +20/40kA DP Surge Protective Device	4	279	465	110

• Populated Flush Metal Consumer Unit

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 RCBOs, MCBs,
- Flexible connection allows for various configurations of protected ways.



Part No.	Description	Box Qty	Dimensions		
			W	H	D
FMC1463TR-A	14 Way Flush Split Load c/w 100 Main Switch / 2×63A 30mA RCD +8 MCBs (3×6A, 1×16A, 3×32A, 1×40A)	4	347	292	110
FMC1663TR-A	16 Way Flush Split Load c/w 100 Main Switch / 2×63A 30mA RCD +10 MCBs (3×6A, 2×16A, 4×32A, 1×40A)	4	383	292	110
FMC1863TR-A	18 Way Flush Split Load c/w 100 Main Switch / 2×63A 30mA RCD +10 MCBs (3×6A, 2×16A, 4×32A, 1×40A)	4	419	292	110
FMC1880TR-A	18 Way Flush Split Load c/w 100A Main Switch / 2×80A 30mA RCD +10 MCBs (3×6A, 2×16A, 4×32A, 1×40A)	4	419	292	110
FMC2280TR-A	22 Way Flush Split Load c/w 100 Main Switch / 2×80A 30mA RCD +12 MCBs(4×6A, 1×10A, 2×16A, 4×32A, 1×40A)	4	491	292	110

• 24 Way Metal Clad Consumer Unit

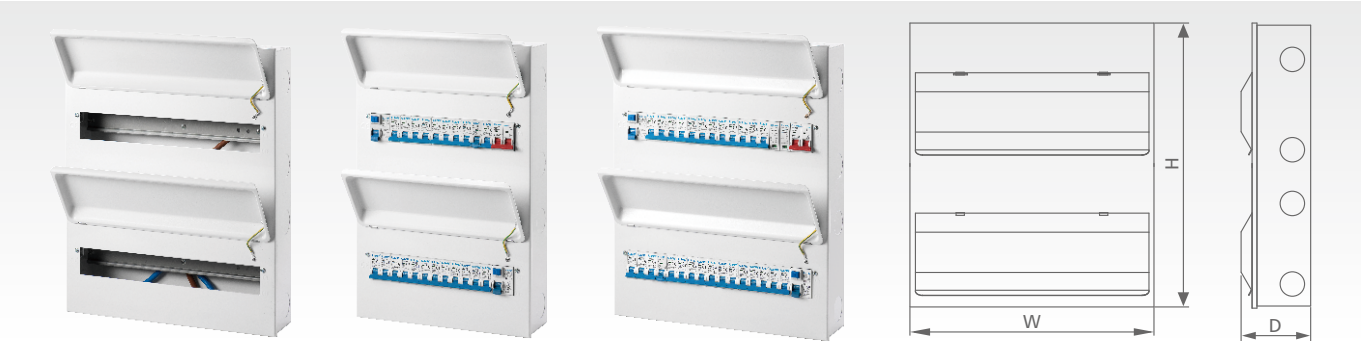
- Fully enclosure non combustibile steel body with drop down lid
- Multiple circular cable entry knock-out (25 & 32mm) on the top and bottom, 40mm on the sides, and back plus larger rear slots
- Modern style finished in white polyester powder coating to RAL9010
- Large and accessible wiring space, extra space to accept single pole RCBOs
- Complies with BS EN 61439-3



Part No.	Description	Box Qty	Dimensions		
			W	H	D
LHMC24	24 Way Metal Clad Consumer Unit Enclosure	4	279	465	110
LHMC24/125	24 Way Metal Clad Consumer Unit c/w 125A Main Switch (22 usable way)	4	279	465	110
LHMC2463TR-A	24 Way Split Load c/w 100 Main Switch/2X63A 30mA RCD+ 16 MCBs (6X6A, 1X10A,2X16A, 5X32A, 2X40A)	4	279	465	110
LHMC2480TR	24 Way Split Load c/w 125 Main Switch / 2x80A RCD (18 usable way)	4	279	465	110
LHMC2480TR-A	24 Way Split Load c/w 100 Main Switch/2X80A 30mA RCD+ 16 MCBs (6X6A, 1X10A,2X16A, 5X32A, 2X40A)	4	279	465	110
LHMC2480TR-AS	24 Way Split Load c/w 100 Main Switch/2X80A 30mA RCD+ 16MCBs (6X6A, 1X10A,2X16A, 5X32A, 2X40A)+ 20/40kA DP Surge Protective Device	4	279	465	110
MCU24M-SP	24 Way Metal Consumer Unit c/w 100A Main Switch+ 20/40kA DP Surge Arrester (20 usable way)	4	279	465	110

• 36 Way Metal Clad Consumer Unit

- Fully enclosure non combustibile steel body with drop down lid
- Multiple circular cable entry knock-out (25 & 32mm) on the top and bottom, 40mm on the sides, and back plus larger rear slots
- Modern style finished in white polyester powder coating to RAL9010
- Large and accessible wiring space, extra space to accept single pole RCBOs
- Complies with BS EN 61439-3



Part No.	Description	Box Qty	Dimensions		
			W	H	D
LHMC36	36 Way Metal Clad Consumer Unit Enclosure	4	377	465	110
LHMC36/125	36 Way Metal Clad Consumer Unit c/w 125A (34 usable way)	4	377	465	110
LHMC36100TR	36 Way Split Load c/w 125A Main Switch/2x100A RCD (30 usable way)	4	377	465	110

• Mini Garage Unit IP40

Consumer units are supplied with 40A/63A 30mA RCD.



Part No.	Description	Box Qty	Dimensions		
			W	H	D
MMGU04	IP40 4 Way Mini Garage Unit	12	125	183	110
MMSU6340	4 Way c/w 63A 30mA RCD+ B40A MCB	12	125	183	110
MMSU6350	4 Way c/w 63A 30mA RCD+ B50A MCB	12	125	183	110
MMGU40616	4 Way c/w 40A 30mA RCD+ B6A/B16A MCB	12	125	183	110
MMGU63616	4 Way c/w 63A 30mA RCD+ B6A/B16A MCB	12	125	183	110
MMGU63620	4 Way c/w 63A 30mA RCD+ B6A/B20A MCB	12	125	183	110
MMGU63632	4 Way c/w 63A 30mA RCD+ B6A/B32A MCB	12	125	183	110
MMGUMS20	4 Way c/w 100A Main Switch + B20A MCB	12	125	183	110
MMGUMS32	4 Way c/w 100A Main Switch + B32A MCB	12	125	183	110
MMGUMS616	4 Way c/w 100A Main Switch+ B6A/B16A MCB	12	125	183	110

• IP65 Metal Garage Unit

- Weatherproof to IP65
- 20mm Diameter standard knock-out on the top and bottom
- Large and accessible wiring space, extra space to accept single pole RCBOs
- Robust die cast construction
- Complies with BS EN 61439-3
- 4 Module enclosure supplied with blank, Neutral Cable, Busbar, Neutral & Earth Terminal bar, Din Rail



Part No.	Description	Box Qty	Dimensions		
			W	H	D
AGU0465	IP65 4 Way Enclosure	8	140	220	101
AGU63616	IP65 4 Way C/W 63A 30mA RCD+ B6A/B16A MCB	8	140	220	101
AGU63620	IP65 4 Way C/W 63A 30mA RCD+ B6A/B20A MCB	8	140	220	101
AGU63632	IP65 4 Way C/W 63A 30mA RCD+ B6A/B32A MCB	8	140	220	101

• Lockable Consumer Unit

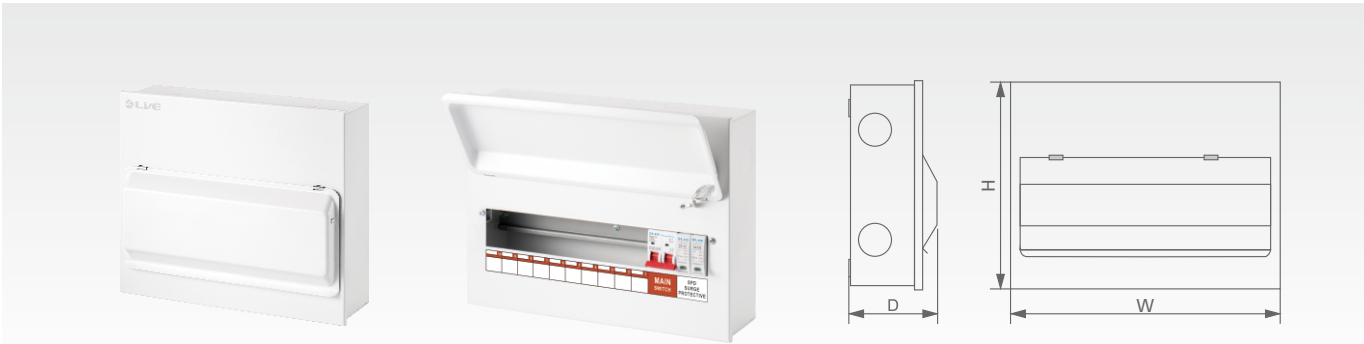
Lockable consumer unit enclosures supply with blank, Neutral Cable, Busbar, Neutrua& Earth Terminal bar, Din Rail.



Part No.	Description	Box Qty	Dimensions		
			W	H	D
MGU04L	4 Way Metal Clad Consumer Unit with Lock	12	125	183	110
MGU04L-A	4 Way Metal Clad Consumer Unit with MCB and RCD	12	125	183	110

• Metal Surge Protection Consumer Unit

- 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
 - Modern style finished in white polyester powder coating to RAL9010
- Fitted with Earth/Neutral terminal bar and busbar
 - Raised din rail improves cable routing
 - Large and accessible wiring space
 - Complies with BS EN 61439-3, BS EN60947-3 & BS EN 61643-11



Part No.	Description	Box Qty	Dimensions		
			W	H	D
MCU4M-SP	4 Way Metal Consumer Unit c/w 100A Main Switch+20/40kA DP Surge Arrester	8	125	252	110
MCU4M-TP	8 Way Metal Consumer Unit c/w 4 Pole 100A Main Switch 4 Pole 20/40kA SA440 TP Surge Device	6	197	252	110
MCU6M-SP	6 Way Metal Consumer Unit c/w 100A Main Switch+20/40kA DP Surge Arrester (2 usable way)	8	161	252	110
MCU8M-SP	8 Way Metal Consumer Unit c/w 100A Main Switch+20/40kA DP Surge Arrester (4 usable way)	6	197	252	110
MCU10M-SP	10 Way Metal Consumer Unit c/w 100A Main Switch+20/40kA DP Surge Arrester (6 usable way)	6	233	252	110
MCU12M-SP	12 Way Metal Consumer Unit c/w 100A Main Switch+20/40kA DP Surge Arrester (8 usable way)	4	279	252	110
MCU14M-SP	14 Way Metal Consumer Unit c/w 100A Main Switch+20/40kA DP Surge Arrester (10 usable way)	4	305	252	110
MCU16M-SP	16 Way Metal Consumer Unit c/w 100A Main Switch+20/40kA DP Surge Arrester (12 usable way)	4	341	252	110
MCU18M-SP	18 Way Metal Consumer Unit c/w 100A Main Switch+20/40kA DP Surge Arrester (14 usable way)	4	377	252	110
MCU22M-SP	22 Way Metal Consumer Unit c/w 100A Main Switch+20/40kA DP Surge Arrester (18 usable way)	4	449	252	110

• 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 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	Box Qty	Dimensions		
			W	H	D
EMCU4-SP	4 Way Metal Enclosure c/w 100A Main Switch and 20/40kA DP Surge Protective Device	12	110	175	80

• Electric Vehicle Charging Devices

- 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	Box Qty	Dimensions		
			W	H	D
LEVB240	2 Way Metal Enclosure c/w 40A Type A RCBO	24	74	145	80
LEVB440-C	4 Way Metal Enclosure c.w 40A Type A RCBO and 16A MCB	16	110	175	80
LEVB440-MS	4 Way Metal Enclosure c.w 40A Type A RCBO and DP 100A Main Switch	16	110	175	80

• IP65 Metal Surge Protection Consumer Unit

- Fully enclosed metal construction body with drop down metal cover and metal lid
 - 20mm diameter Circular cable entry knock-outs on the top and bottom
 - Modern style finished in white polyester powder coating to RAL9010
 - Raised Din rail improves cable routing
 - Weatherproof to IP65
- Large and accessible wiring space
 - Robust die cast construction
 - Complies with BS EN 61439-3, BS EN60947-3 & BS EN 61643-11



Part No.	Description	Box Qty	Dimensions		
			W	H	D
AGU4-SP	IP 65 4 Way Metal Enclosure c/w 100A Main Switch and 20/40kA DP Surge Protective Device	8	140	220	101

• Garage Unit IP40

Consumer units are supplied with 40A/63A 30mA RCD. They are fitted with a busbar for MCBs.



Part No.	Description	Box Qty	Dimensions		
			W	H	D
LMSU6340	4 Way C/W 63A 30mA RCD+B40A MCB	8	125	252	110
LMSU6350	4 Way C/W 63A 30mA RCD+B50A MCB	8	125	252	110
LMGU40616	4 Way C/W 40A 30mA RCD+B6A/B16A MCB	8	125	252	110
LMGU63616	4 Way C/W 63A 30mA RCD+B6A/B16A MCB	8	125	252	110
LMGU63620	4 Way C/W 63A 30mA RCD+B6A/B20A MCB	8	125	252	110
LMGU63632	4 Way C/W 63A 30mA RCD+B6A/B32A MCB	8	125	252	110

• IP40 Metal Enclosure With Lid

- 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
- Complies with BS EN 61439-3



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

• IP20 Metal Modular Enclosures

- Manufactured from robust powder coated steel for improved durability
 - large and accessible wiring space
 - Raised din rail improves cable routing
- Allows fitting of RCBOs or MCBs, all circuits can be independently protected by the use of RCBOs



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

• IP20 Plastic Enclosure

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



Part No.	Description	Box Qty
PEN2	2 Way Plastic Enclosure	50
PEN2100	2 Way Plastic Enclosure with DP 100A Main Switch	50
PEN2100-SP	4 Way Plastic Enclosure with DP 100A Main Switch +20/40kA DP Surge Protective Device	25
PEN4	4 Way Plastic Enclosure	25
PEN4100	4 Way Plastic Enclosure with 4 Pole 100A Main Switch	25

• Insulated IP65 Plastic Enclosure

- IP65 rated, Suitable for a variety of outdoor uses
 - Manufactured from INSULATED FLAM RETARDENT ABS
 - Earth / neutral terminal bars, Neutral cable and busbar are not included
- Suitable for housing modular components
 - Supplied complete with Din rail



Part No.	Description	Box Qty	Dimensions		
			W	H	D
ENC465	4 way Module plastic Enclosure IP65	20	140	206	95
ENC465-A	IP 65 4 Way Module Plastic Enclosure with 100A Main Switch and MCBs	20	140	206	95
ENC865	8 Way Moudule Plastic Enclosure IP65	20	210	208	120
ENC865-A	8 way Module plastic Enclosure IP65 + 100A Main Switch+6MCBs	20	210	208	120
ENC1265	12 Way Moudule Plastic Enclosure IP65	20	297	262	135
ENC1265-A	12 way Module plastic Enclosure IP65 + 100A Main Switch+MCBs	20	297	262	135
ENC24	24 Way Moudule Plastic Enclosure Ip65	20	297	415	140
ENC24-A	24 way Module plastic Enclosure IP65 + 100A Main Switch+MCBs	20	297	415	140

• IP65 Enclosures / Shower Units / Garage Units

- Features**

 - 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 BS EN60898



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

• Metal Enclosure IP65

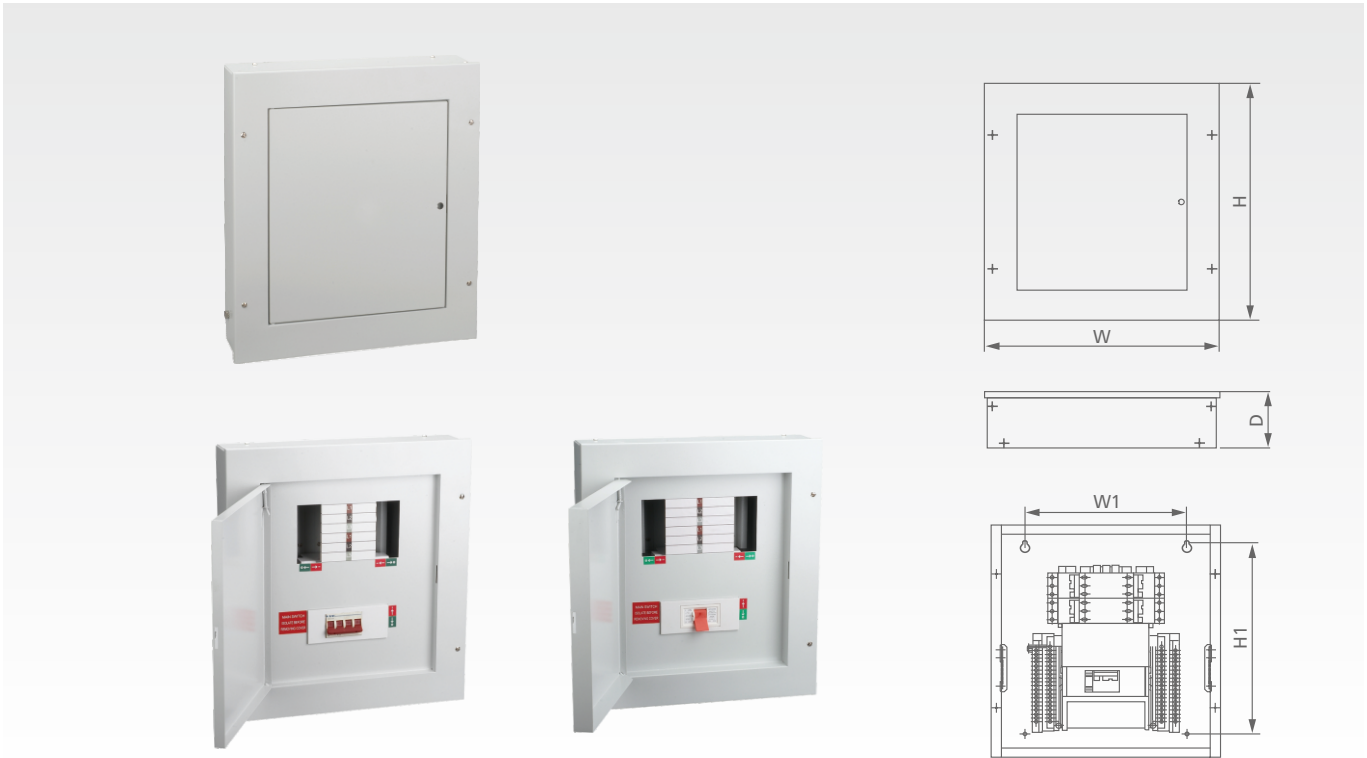
- Modern style finished in epoxy powder paint to RAL7035
 - Galvanised mounting plate included
 - Material thickness 1.2mm-1.5mm
 - Degree of Protection IP65
- Door use polyurethane foamed gasket ensuring full water tightness
 - Continuously hinged cover has steel hinges and provides 120° opening
 -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



125Amps TP&N Distribution Board

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

250Amps TP&N Distribution Board

Part No.	Description	Box Qty	Dimensions				
			H	H1	W	W1	D
TPN08-250	8 Ways with 3 Pole 250A Main Switch Incomer	1	614	517	456	321	120
TPN12-250	12 Ways with 3 Pole 250A Main Switch Incomer	1	722	625	456	321	120
TPN16-250	16 Ways with 3 Pole 250A Main Switch Incomer	1	830	733	456	321	120
TPN18-250	18 Ways with 3 Pole 250A Main Switch Incomer	1	884	787	456	321	120
TPN24-250	24 Ways with 3 Pole 250A Main Switch Incomer	1	1046	949	456	321	120

• TP&N Surge Protection Distribution Board



125Amps TP&N Surge Protection Distribution Board

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

250Amps TP&N Surge Protection Distribution Board

Part No.	Description	Box Qty	Dimensions				
			H	H1	W	W1	D
TPN08-250S	8 Ways with 4 Pole 250A Main Switch and 20/40 kA DP Surge Protective Device	1	614	517	465	321	105
TPN12-250S	12 Ways with 4 Pole 250A Main Switch and 20/40 kA DP Surge Protective Device	1	722	625	465	321	105
TPN16-250S	16 Ways with 4 Pole 250A Main Switch and 20/40 kA DP Surge Protective Device	1	830	733	465	321	105
TPN18-250S	18 Ways with 4 Pole 250A Main Switch and 20/40 kA DP Surge Protective Device	1	884	787	465	321	105
TPN24-250S	24 Ways with 4 Pole 250A Main Switch and 20/40 kA DP Surge Protective Device	1	1046	949	465	321	105

MCB RCD AND
RCBO

LIVE ELECTRICAL
DISTRIBUTION
UK LTD

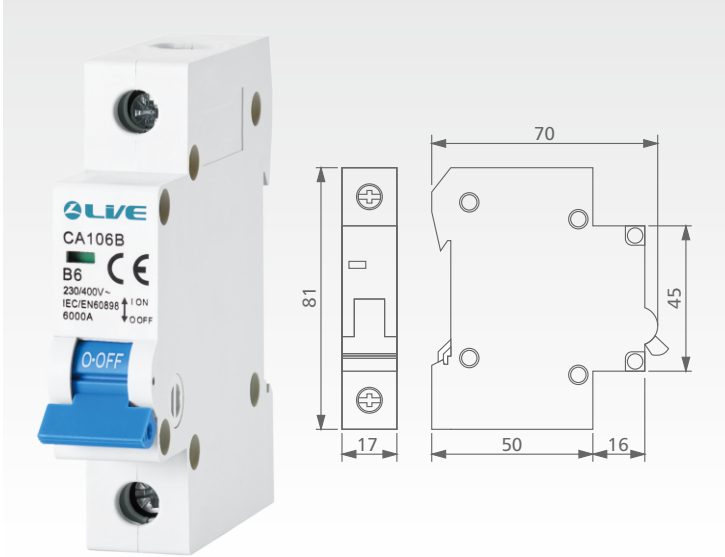


• Miniature Circuit Breakers

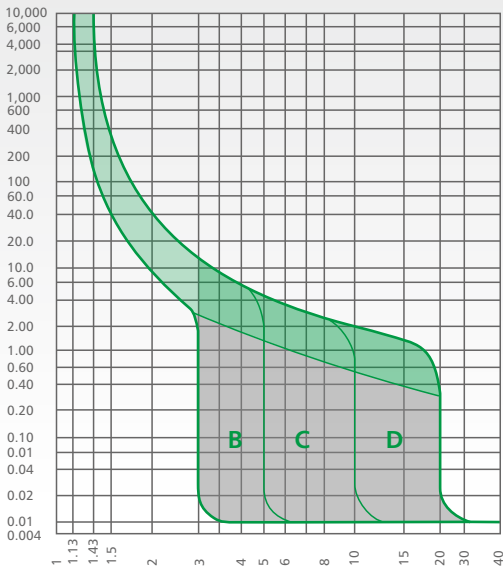
Technical Data

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

1 Pole 6kA Miniature Circuit Breakers



Part No.	Description	Box Qty
CA106B	1Pole 6Amps B Curve 6kA	12
CA110B	1Pole 10Amps B Curve 6kA	12
CA116B	1Pole 16Amps B Curve 6kA	12
CA120B	1Pole 20Amps B Curve 6kA	12
CA125B	1Pole 25Amps B Curve 6kA	12
CA132B	1Pole 32Amps B Curve 6kA	12
CA140B	1Pole 40Amps B Curve 6kA	12
CA150B	1Pole 50Amps B Curve 6kA	12
CA163B	1Pole 63Amps B Curve 6kA	12



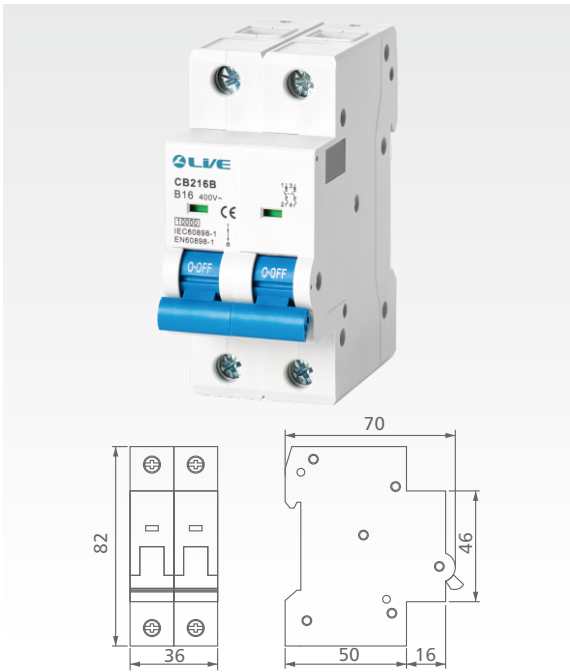
• Miniature Circuit Breakers

1 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

2 Pole 10kA Miniature Circuit Breakers



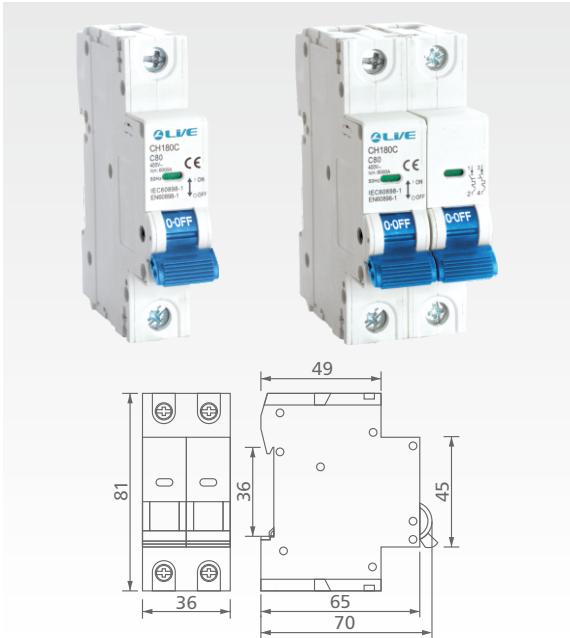
Part No.	Description	Box Qty
CB206B	2Pole 6Amps B Curve 10kA	6
CB210B	2Pole 10Amps B Curve 10kA	6
CB216B	2Pole 16Amps B Curve 10kA	6
CB220B	2Pole 20Amps B Curve 10kA	6
CB232B	2Pole 32Amps B Curve 10kA	6
CB240B	2Pole 40Amps B Curve 10kA	6
CB250B	2Pole 50Amps B Curve 10kA	6
CB263B	2Pole 63Amps B Curve 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



MCB 80A-100A



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

Technical Data

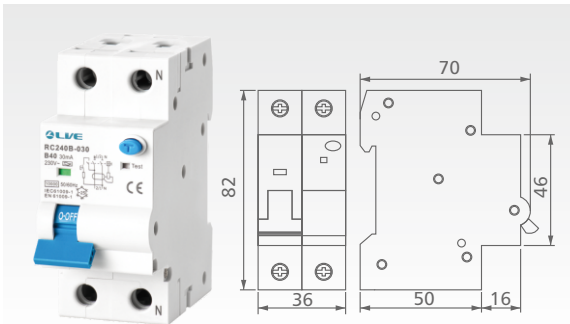
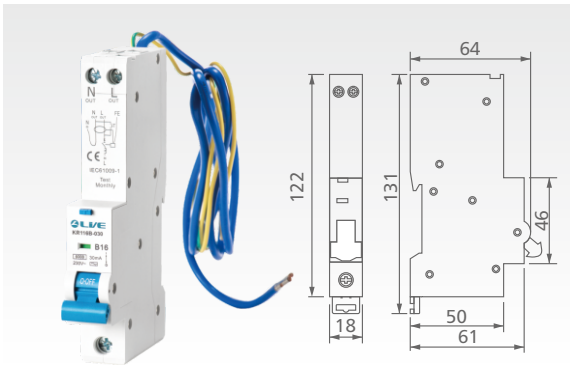
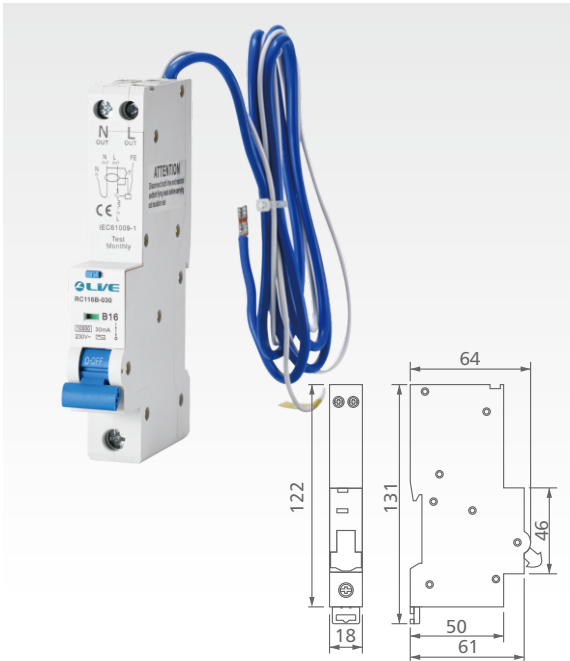
- Rated current In (A) :80, 100
- Rated voltage Ue(AC): 240/415V
- Insulation volage Ui: 500V
- Thermo-magnetic release characteristic: B,C,D
- Mechanical life: 20,000
- Ambient temperature(with daily average $\leq 35^{\circ}\text{C}$: $-5\sim +40$)
- Storage temperature($^{\circ}\text{C}$): $-25\sim +70$)
- Poles: 1P,2P,3P
- Rated frequency: 50/60Hz
- Rated breaking capacity(A): 6 kA
- Electrical life: 8,000
- Contact position degree: IP20

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

• Standard 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

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
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

6kA RCBO Single Module

Part No.	Description	Box Qty
KR106B-030	6A 6kA Single Module RCBO	40
KR110B-030	10A 6kA Single Module RCBO	40
KR116B-030	16A 6kA Single Module RCBO	40
KR120B-030	20A 6kA Single Module RCBO	40
KR132B-030	32A 6kA Single Module RCBO	40
KR140B-030	40A 6kA Single Module RCBO	40

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
RC250B-030	Double Module 50Amps B Curve 30mA	60

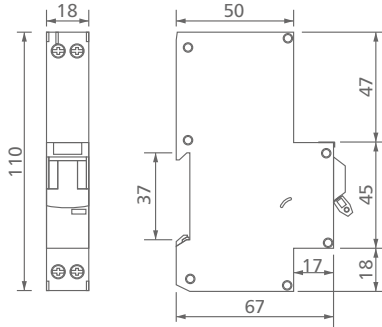
•
Standard RCBO

6KA Electromagnetic RCBO



Features

- Action function independent of the voltage of main circuit.
- The neutral line breaking could make the device safer and more reliable.
- Dual-function wiring terminal with strong wiring capability.
- The indicator for contact state help identification of contact condition.
- Wide rated current scope to serve as general switch at home service.



Technical Data

- Rated current (In): 6A,10A,16A,20A,25A,32A,40A
- Rated voltage(Ue): 230V, 50Hz
- Rated breaking capability: 6kA
- Rated breaking capacity: 30, 300mA
- Tripping character: B、C、D
- Sensitivity: Type A
- Trip time: minimal 10ms time delay
- Electrical endurance: 4000 cycles
- Mechanical endurance: 20000 cycles
- Environment capability: according to the IEC1008 standard

Part No.	Description	Box Qty
ERA106B	6A 6KA Electromagnetic	100
ERA110B	10A 6KA Electromagnetic	100
ERA116B	16A 6KA Electromagnetic	100
ERA120B	20A 6KA Electromagnetic	100
ERA125B	25A 6KA Electromagnetic	100
ERA132B	32A 6KA Electromagnetic	100
ERA140B	40A 6KA Electromagnetic	100

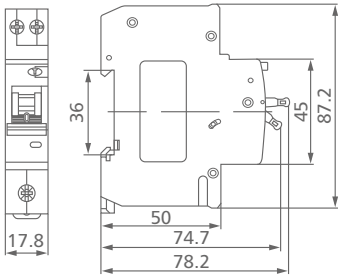
•
Standard mini RCBO

Type A mini RCBO Single Module



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.

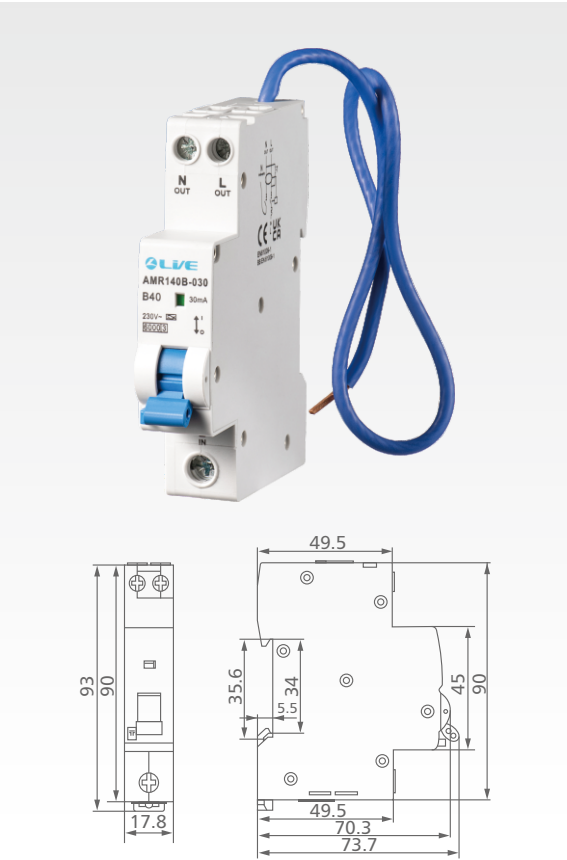


Technical Data

- Rated current (In): 6A, 10A, 16A, 20A, 25A,32A,40A
- Rated voltage (Ue): 230V AC
- Breaking capacity (Icn): 6kA
- Rated residual current: 30mA, 100mA
- Tripping characteristic: B、C
- Electrical endurance: 4000 cycles
- Mechanical endurance: 100000 cycles
- Complies with BS EN 61009-1

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

Type A RCBO with Switched Neutral Line



Description & 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 and bring cost savings by reducing installation and testing times.

- 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, 100mA
- Tripping characteristic: B,C
- Electrical endurance: 4000 cycles
- Mechanical endurance: 100000 cycles
- Complies with BS EN 61009-1
- Type: AC, A

Part No.	Description	Box Qty
AMR106B	Type A Single Module 6Amps B Curve 30mA RCBO	50
AMR110B	Type A Single Module 10Amps B Curve 30mA RCBO	50
AMR116B	Type A Single Module 16Amps B Curve 30mA RCBO	50
AMR120B	Type A Single Module 20Amps B Curve 30mA RCBO	50
AMR132B	Type A Single Module 32Amps B Curve 30mA RCBO	50
AMR140B	Type A Single Module 40Amps B Curve 30mA RCBO	50

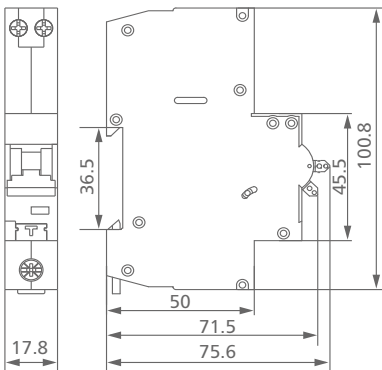
• Standard mini RCBO

6KA Standard min RCBO Single Module



Technical Data

- Rated current(In): 6A,10A,16A, 20A,25A,32A,40A
- Rated voltage(Un) 230V AC
- Breaking capacity(Icn): 6kA, 10kA
- Rated residual current: 30mA
- Tripping characteristics: B
- Electrical endurance: 4000 cycles
- Mechanical endurance: 10000 cycle
- Complies with BS EN 61009-1

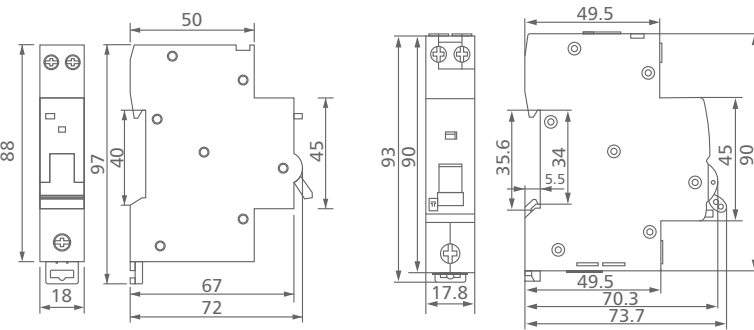


Part No.	Description	Box Qty
RS106B-030	Single Module 6Amps B Curve 30mA Mini RCBO	50
RS110B-030	Single Module 10Amps B Curve 30mA Mini RCBO	50
RS116B-030	Single Module 16Amps B Curve 30mA Mini RCBO	50
RS120B-030	Single Module 20Amps B Curve 30mA Mini RCBO	50
RS125B-030	Single Module 25Amps B Curve 30mA Mini RCBO	50
RS132B-030	Single Module 32Amps B Curve 30mA Mini RCBO	50
RS140B-030	Single Module 40Amps B Curve 30mA Mini RCBO	50

10KA Standard min RCBO Single Module



Part No.	Description	Box Qty
RS106B-030A	Single Module 6A B Curve 30mA Mini RCBO 10KA	60
RS110B-030A	Single Module 10A B Curve 30mA Mini RCBO 10KA	60
RS116B-030A	Single Module 16A B Curve 30mA Mini RCBO 10KA	60
RS120B-030A	Single Module 20A B Curve 30mA Mini RCBO 10KA	60
RS125B-030A	Single Module 25A B Curve 30mA Mini RCBO 10KA	60
RS132B-030A	Single Module 32A B Curve 30mA Mini RCBO 10KA	60
RS140B-030A	Single Module 40A B Curve 30mA Mini RCBO 10KA	60



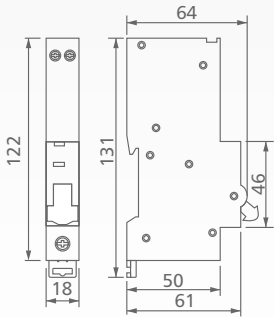
Mini RCBO Double Pole



Part No.	Description	Box Qty
RM206B-030	Single Module 1P+N/6A/30mA B type RCBO	120
RM210B-030	Single Module 1P+N/10A/30mA B type RCBO	120
RM216B-030	Single Module 1P+N/16A/30mA B type RCBO	120
RM220B-030	Single Module 1P+N/20A/30mA B type RCBO	120
RM232B-030	Single Module 1P+N/32A/30mA B type RCBO	120
RM240B-030	Single Module 1P+N/40A/30mA B type RCBO	120

• Type A RCBO Single Module

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

- Rated current(In): 6A,10A,16A,20A,25A,32A,40A
- Rated voltage(Un) 230V AC
- Breaking capacity (Icn) 10kA
- Rated residual current: 30mA
- Tripping characteristics: B,C
- Electrical endurance: 4000 cycles
- Mechanical endurance: 10000 cycles
- Complies with BS EN 61009-1

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
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
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
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

• Type A RCBO Double Pole

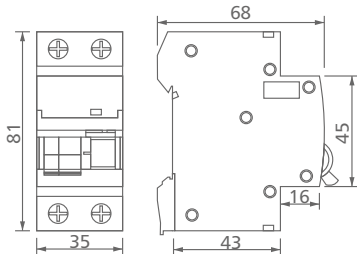
Description & Features

LIVE brand Type A RCBOs are designed specifically 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.

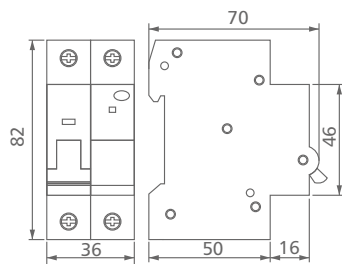
Technical Data

- Rated current(In): 6A,10A,16A,20A,25A,32A,40A
- Breaking capacity (Icn) 10kA
- Tripping characteristics: B,C
- Mechanical endurance: 10000 cycles
- Rated voltage(Un) 230V AC
- Rated residual current: 30mA
- Electrical endurance: 4000 cycles
- Complies with BS EN 61009-1

Twin Switch Type A RCBO Double Pole



Part No.	Description	Box Qty
RNA6C-030	Type A Double Module 6 Amps C Curve 30mA high immunity RCBO	60
RNA10C-030	Type A Double Module 10 Amps C Curve 30mA high immunity RCBO	60
RNA16C-030	Type A Double Module 16 Amps C Curve 30mA high immunity RCBO	60
RNA20C-030	Type A Double Module 20 Amps C Curve 30mA high immunity RCBO	60
RNA32C-030	Type A Double Module 32 Amps C Curve 30mA high immunity RCBO	60
RNA40C-030	Type A Double Module 40 Amps C Curve 30mA high immunity RCBO	60



Type A RCBO Double Pole



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

• Residual Current Devices

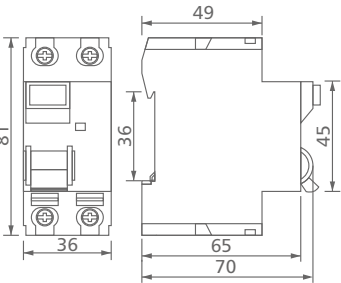
Description & Features

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, 4
- Rated current(A): 25 40 63 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
- Fastening torque 2.0 Nm
- Installation: On symmetrical DIN rail 35mm
- Panel mounting



2 Pole Residual Current Devices

Part No.	Description	Box Qty
RD225-030	2Pole 25Amps 30mA	60
RD240-030	2Pole 40Amps 30mA	60
RD263-030	2Pole 63Amps 30mA	60
RD280-030	2Pole 80Amps 30mA	60
RD2100-030	2Pole 100Amps 30mA	60
RD225-100	2Pole 25Amps 100mA	60
RD240-100	2Pole 40Amps 100mA	60
RD263-100	2Pole 63Amps 100mA	60
RD280-100	2Pole 80Amps 100mA	60
RD2100-100	2Pole 100Amps 100mA	60
RD280-300	2Pole 80Amps 300mA	60

Time Delay Residual Current Devices

Part No.	Description	Box Qty
RT280-100	2Pole 80Amps 100mA Time Delay RCD	60
RT2100-100	2Pole 100Amps 100mA Time Delay RCD	60

4 Pole Residual Current Devices

Part No.	Description	Box Qty
RD440-030	4Pole 40Amps 30mA	30
RD463-030	4Pole 63Amps 30mA	30
RD480-030	4Pole 80Amps 30mA	30
RD4100-030	4Pole 100Amps 30mA	30
RD440-100	4Pole 40Amps 100mA	30
RD463-100	4Pole 63Amps 100mA	30
RD480-100	4Pole 80Amps 100mA	30
RD4100-100	4Pole 100Amps 100mA	30

Type A Residual Current Devices

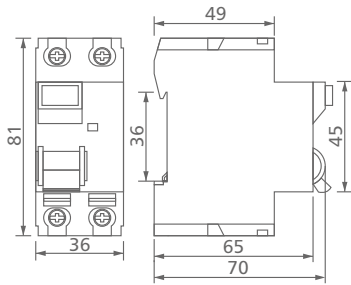
Description & Features

LIVE brand Type A RCBs are designed specifically 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.

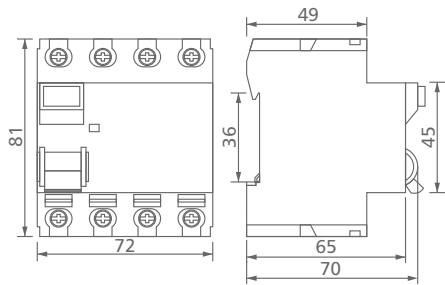
Technical Data

- Pole No.: 2, 4
- Rated current(A): 25 40 63 80 100A
- Rated voltage: 240/415V AC
- Rated frequency: 50/60Hz
- Rated residual operating current I_n (mA):30,100
- Rated residual non operating current: 0.5I_n
- Rated conditional breaking current Inc: 6000A
- Tripping duration Instantaneous tripping 0.1s
- Residual tripping current range:0.5I_n~I_n
- Electro-mechanical endurance:4000 cycles
- Connection capacity Rigid conductor up to 25mm²
- Connection terminal Screw terminal
- Pillar terminal with clamp
- Fastening torque 2.0 Nm
- Installation: On symmetrical DIN rail 35mm
- Panel mounting

Type A Residual Current Devices



Part No.	Description	Box Qty
RDA240-030	2Pole 40Amps 30mA Type A high immunity RCD	1
RDA263-030	2Pole 63Amps 30mA Type A high immunity RCD	1
RDA280-030	2Pole 80Amps 30mA Type A high immunity RCD	1
RDA2100-030	2Pole 100Amps 30mA Type A high immunity RCD	1



Part No.	Description	Box Qty
RDA440-030	4 Pole 40Amps 30mA Type A high immunity RCD	1
RDA463-030	4 Pole 63Amps 30mA Type A high immunity RCD	1
RDA480-030	4 Pole 80Amps 30mA Type A high immunity RCD	1
RDA4100-030	4 Pole 100Amps 30mA Type A high immunity RCD	1
RDA440-100	4 Pole 40Amps 100mA Type A high immunity RCD	1
RDA463-100	4 Pole 63Amps 100mA Type A high immunity RCD	1
RDA480-100	4 Pole 80Amps 100mA Type A high immunity RCD	1
RDA4100-100	4 Pole 100Amps 100mA Type A high immunity RCD	1

4 Pole Type A Residual Current Devices



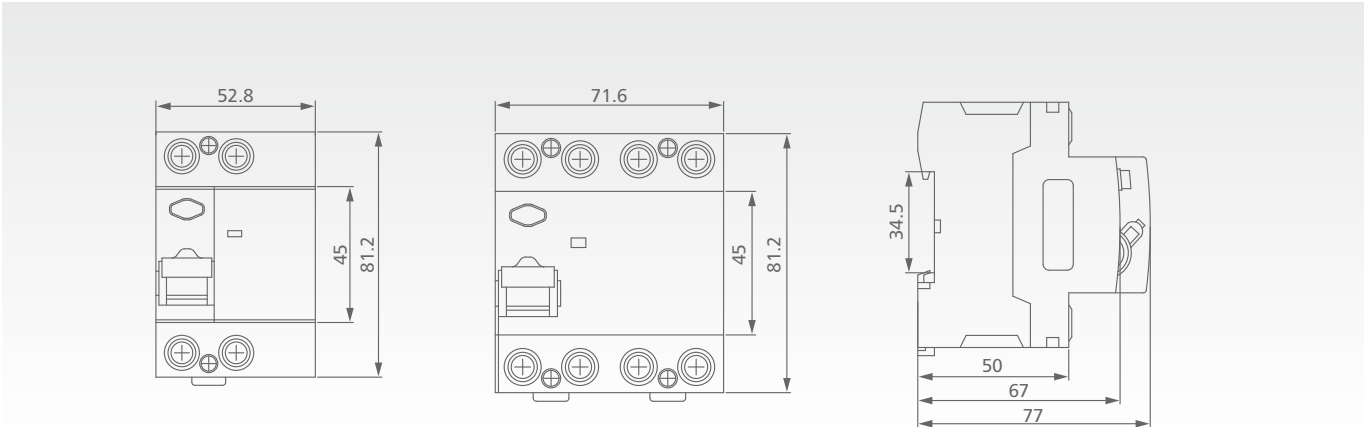
Type B Residual Current Circuit Breaker(RCCB)



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.

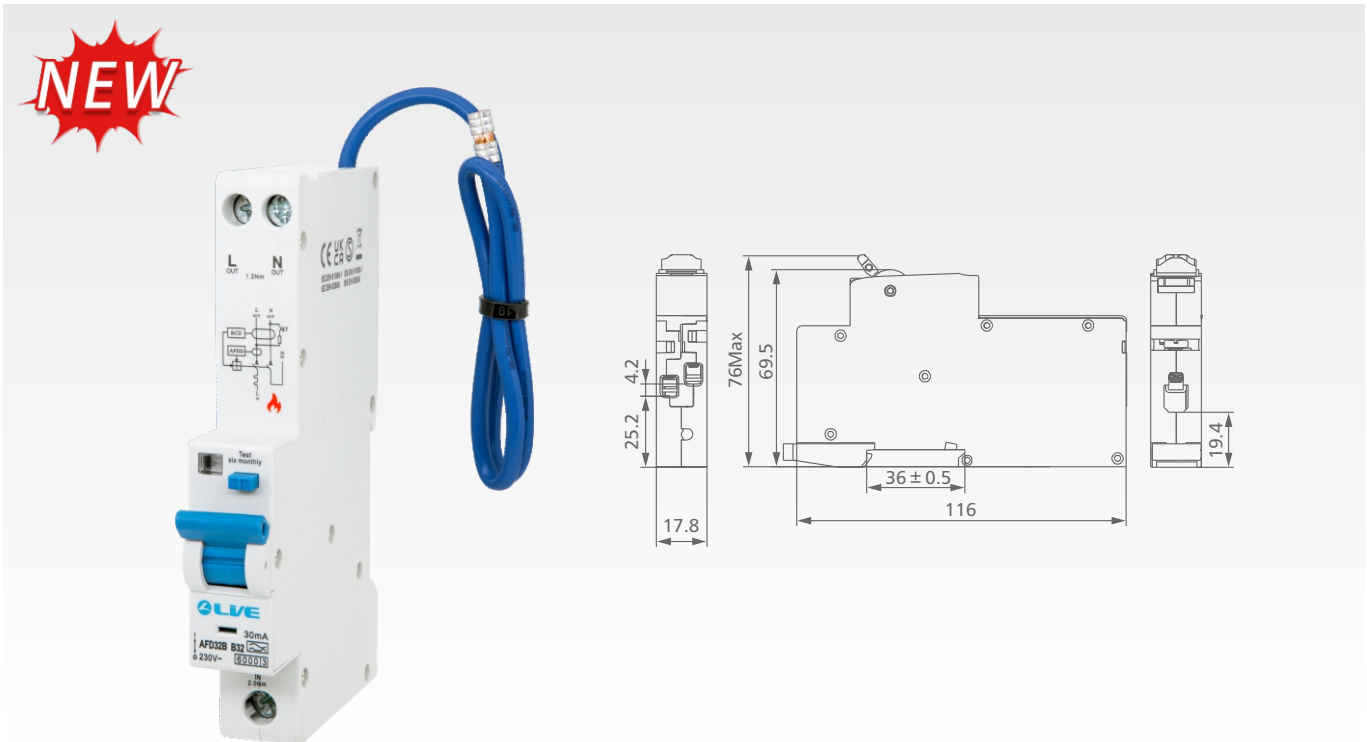
Technical Parameters

- Rated Current: 25A,40A,63A
- Rated tripping current I_{Δn}: 30mA/100mA/300mA
- Sensitivity:AC, pulsating and smooth DC residual currents
- Rated voltage Un:230/400 V AC
- Rated frequency: 50Hz
- Rated insulation voltage Ui: 440V
- Rated impulse withstand voltage Uimp: 4 kV (1,2/50 μs)
- Rated short circuit capacity Icn: 10kA
- 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



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

• 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 Parameters

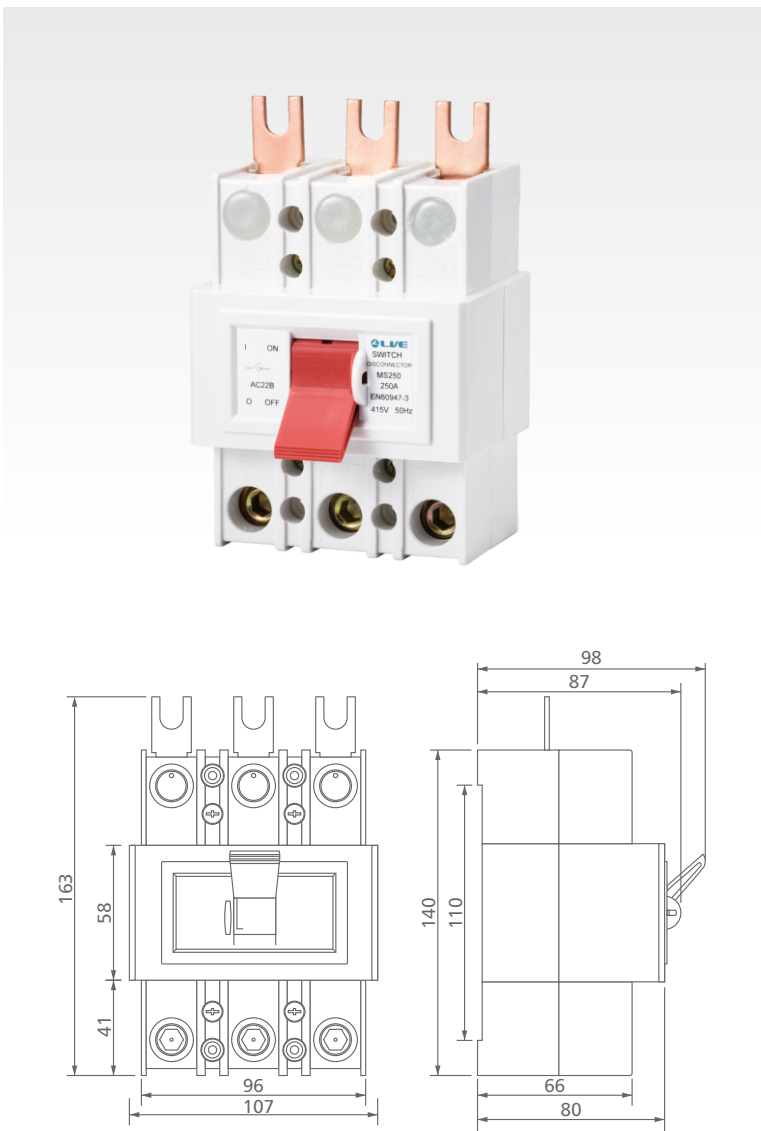
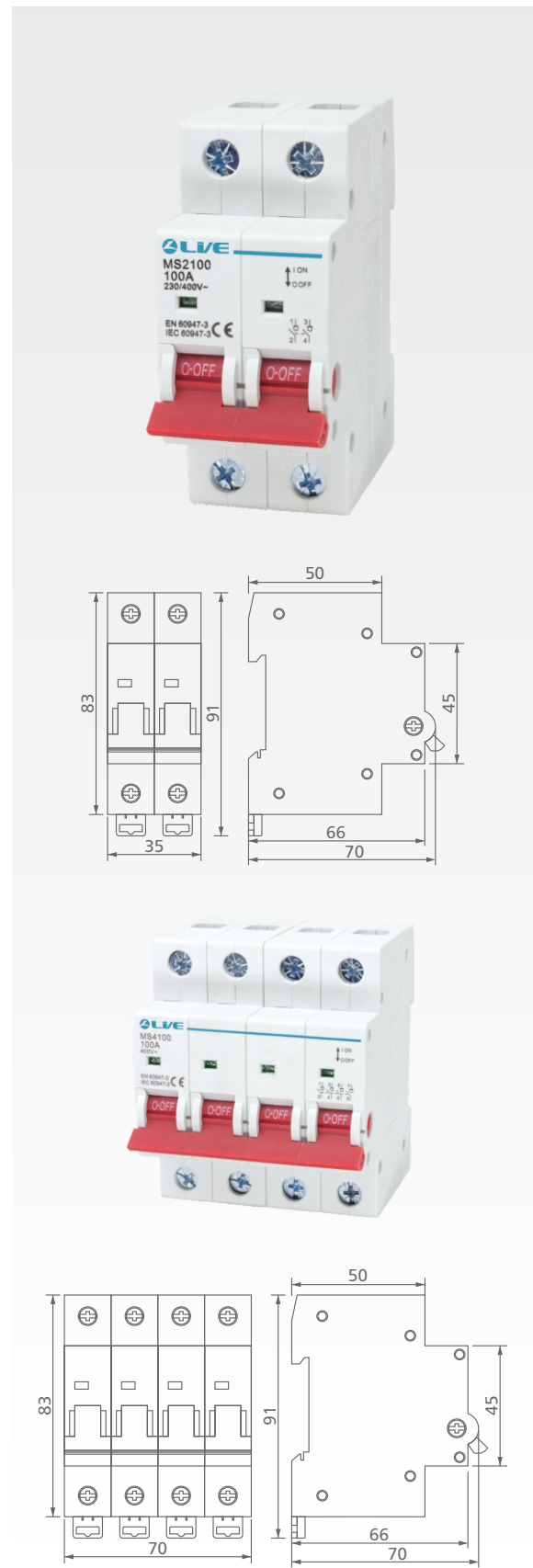
- Rated working voltage (Ue): AC230V
- Rated operating frequency: ±50Hz 2%
- Rated insulation voltage (Ui): 400V
- Rated impulse withstand voltage (Uimp): 4kV
- Rated current (In): 6A, 10A, 16A, 20A, 25A, 32A
- Number of N poles: 1P+N
- Protection Curve B, C
- Operating short-circuit capacity (Ics): 6kA
- Rated residual operating current I_{Δn}: 30mA
- RCD Type: AC, A
- Insulation material group: III a
- Ambient Temperature range: -5~40°C
- Storage Temperature range: -25°C ~ +55°C

Part No.	Description	Box Qty
AFD6B	6A Bcurve Arc Detection Device With RCBO	60
AFD10B	10A Bcurve Arc Detection Device With RCBO	60
AFD16B	16A Bcurve Arc Detection Device With RCBO	60
AFD20B	20A Bcurve Arc Detection Device With RCBO	60
AFD25B	25A Bcurve Arc Detection Device With RCBO	60
AFD32B	32A Bcurve Arc Detection Device With RCBO	60

MAIN SWITCH
AND
SURGE
PROTECTOR



• Main Switch



Features

- 100/125A Rated Current
- 230/400V Rated Voltage
- 10,000 Operations Mechanical Life
- 10,000 Cycles Electrical Life
- BS EN60947-3 Compliant

Part No.	Description	Box Qty
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

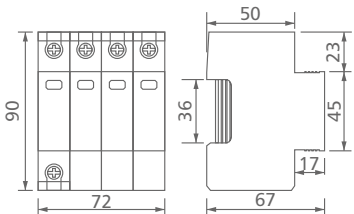
• SA Range Surge Protective Device



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 8/20 μ s current wave, they can prevent the spread of overvoltages 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.

Technical Parameters

Part No.	Description
SA140	1P, 1 Pole 10kA/20kA Type 2 Surge Protective Device
	1P+N1 Pole 20kA/40kA Type 2 Surge Protective Device
	2P2 Pole 10kA/20kA Type 2 Surge Protective Device
	4P4 Pole 10kA/20kA Type 2 Surge Protective Device
	3P+N4 Pole 20kA/40kA Type 2 Surge Protective Device



Part No.	1P	1P+N	2P
Type	Type2	Type2	Type2
Voltage	230/380V	230/380V	230/380V
Temporary overvoltage withstand UT	440/660V AC	440/660V AC	440/660V AC
Nominal discharge current In	10 kA	20 kA	10 kA
Maximum discharge current Imax	20 kA	40 kA	20 kA
Protection level (at In) CM/DM (2) Up	1.3 kV	1.5 kV	1.3 kV
Residual voltage at 5 kA	1.2 kV	1.3 kV	1.2 kV
Admissible short-circuit current	25kA	25kA	25kA
Fuses type gG	100 A max	100 A max	125 A max
Operating temperature	-40 / +85 °C		
Protection class	IP20	IP20	IP20

Part No.	4P	3P+N
Type	Type2	Type2
Voltage	230/380V	230/380V
Temporary overvoltage withstand UT	440/660V AC	440/660V AC
Nominal discharge current In	10 kA	20 kA
Maximum discharge current Imax	20 kA	40 kA
Protection level (at In) CM/DM (2) Up	1.3 kV	1.5 kV
Residual voltage at 5 kA	1.2 kV	1.3 kV
Admissible short-circuit current	25kA	25kA
Fuses type gG	125 A max	125 A max
Operating temperature	-40 / +85 °C	
Protection class	IP20	IP20

CONTACTOR AND ENERGY METER

LIVE ELECTRICAL
DISTRIBUTION
UK LTD



sales@liveelectrical.co.uk

• MAC Modular AC Contactor



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

• Single Phase Energy Meter

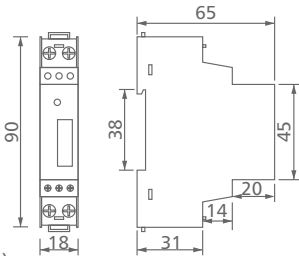


Description & Features

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

Features

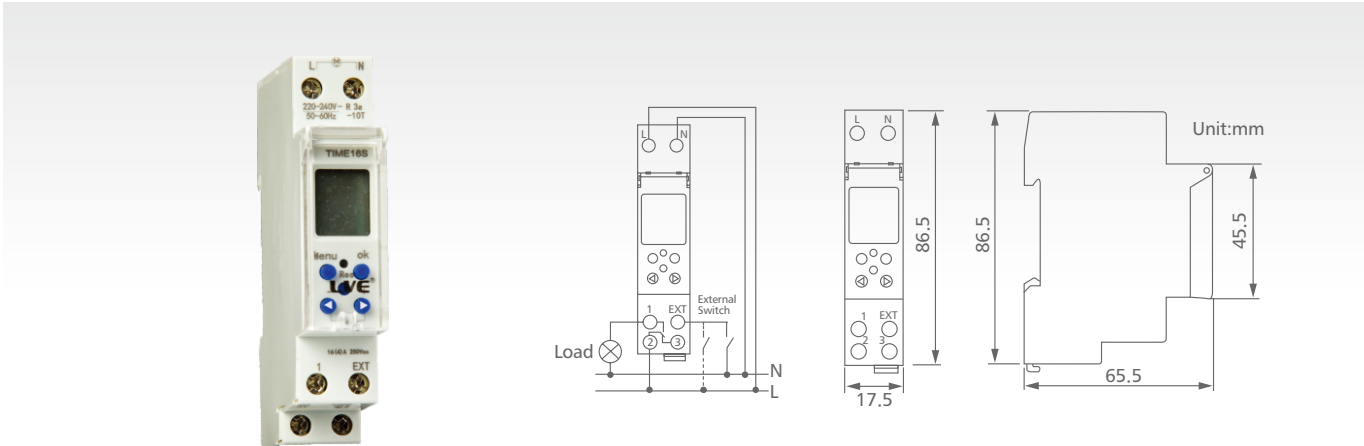
- Voltage: 230V AC
- Frequency: 50/60Hz
- Base current(Ib): 5A
- Max current(Imax): 32A
- Kwh display: 6+1 digits(999999.9kwh)
- Impulse 1000imp/kwh
- IP40 protection degree
- 35mm standard DIN rail installation
- Complies with EN62053-21



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

• Digital Timer

Single Module Digital Timer

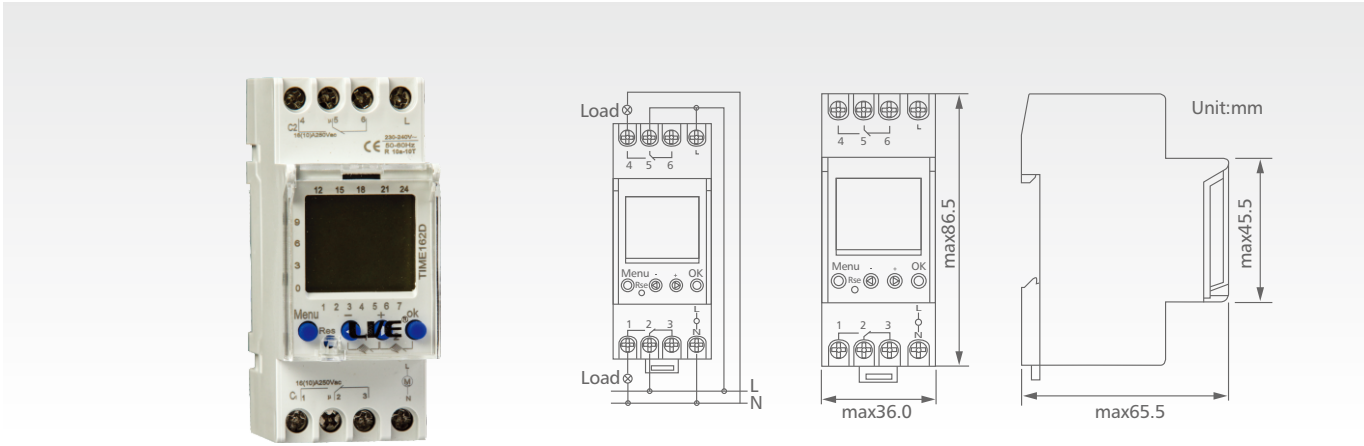


Single module digital timer for installation inside of a consumer unit. Ideal for controlling circuits quickly and easily.

- 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

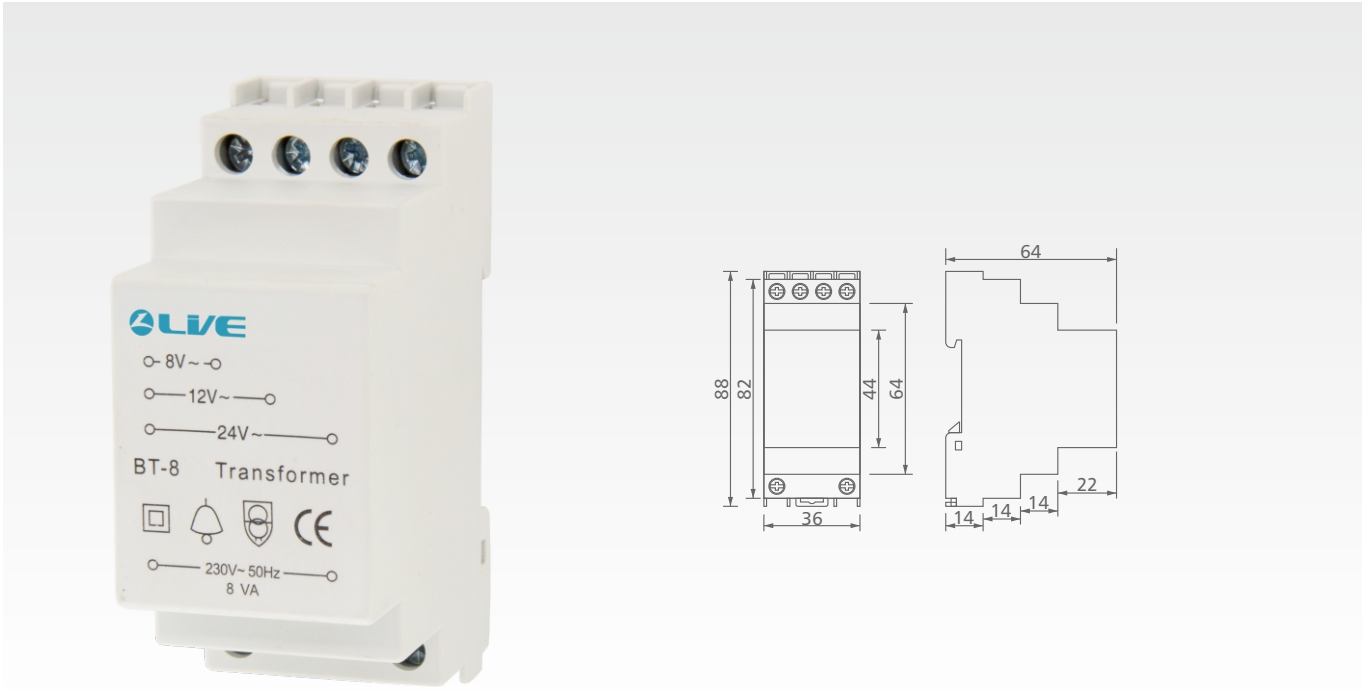


Double-channel digital timer for installation inside of a consumer unit. Ideal for controlling circuits quickly and easily.

- 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

• Bell Transformer



Description

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

Features

- 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

Technical Data

- Rated input voltage: 230V AC
- Rated output voltage: 4, 6, 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

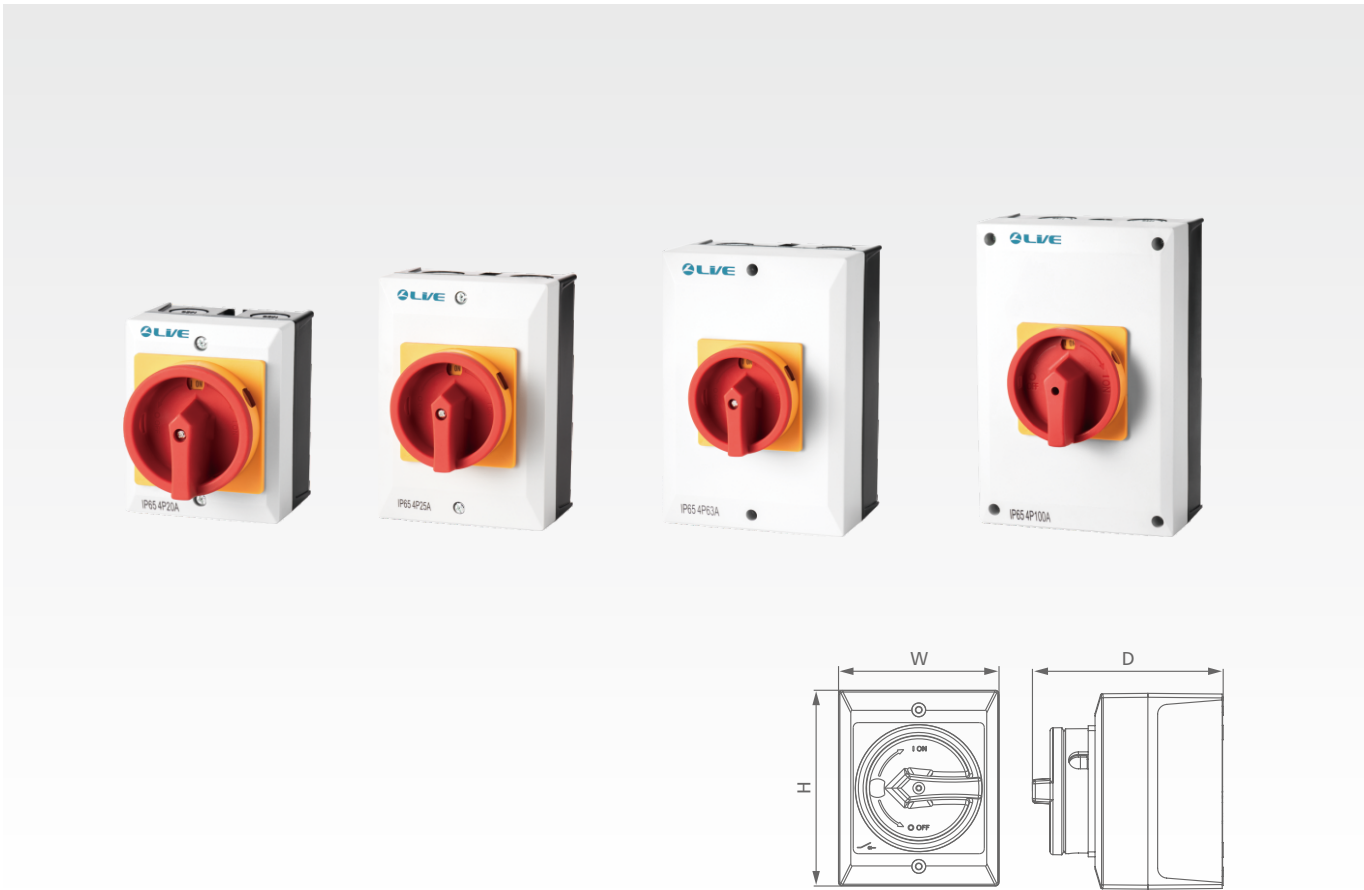
Part No.	Description
LBT-4	4V Bell Transformer
LBT-6	6V Bell Transformer
LBT-8	8V Bell Transformer
LBT-12	12V Bell Transformer
LBT-16	16V Bell Transformer
LBT-24	24V Bell Transformer

ROTARY ISOLATOR AND INDUSTRIAL CONNECTOR

LIVE ELECTRICAL
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Weatherproof Rotary Isolator Switch



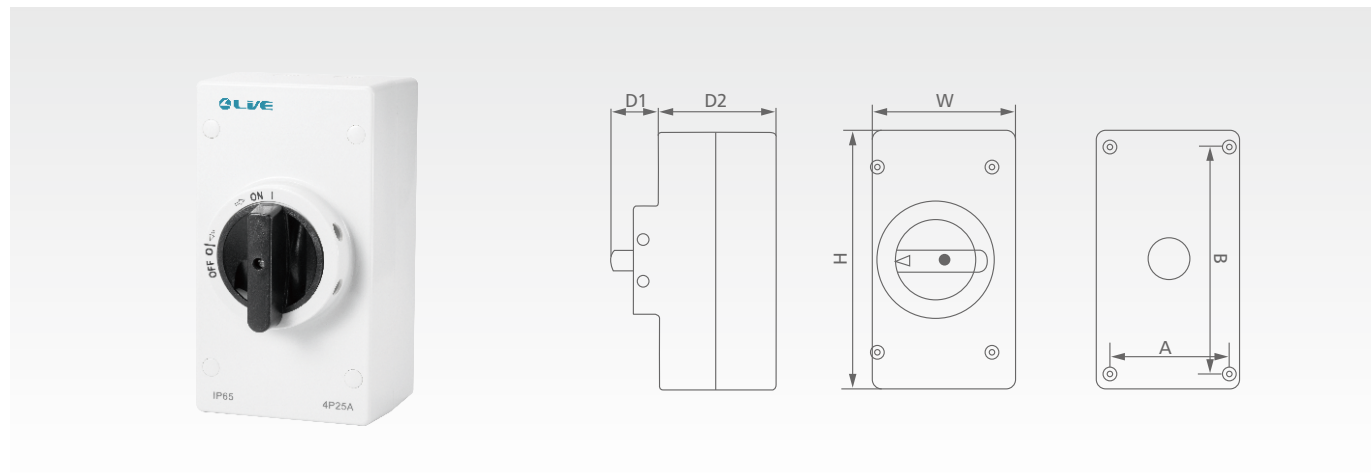
The LVE weatherproof rotary isolator switch range is manufactured from tough, durable thermoplastic for outdoor switching protection. Designed with safety in mind, the interlocked front covers can only be removed when in OFF position. Lockable switch prevents tampering.

- Features**

 - IP Rating IP65
 - Conforms 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
 - Switch can be removed from DIN rail assembly allowing quick and easy first fix
 - Cable entry knockouts on enclosures

Part No.	Description	Box Qty	Dimensions		
			W	H	D
RI420	4 Pole 20A Weatherproof Rotary Isolator	40	82/100	100/140	98/100
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

• DC Rotary Isolator



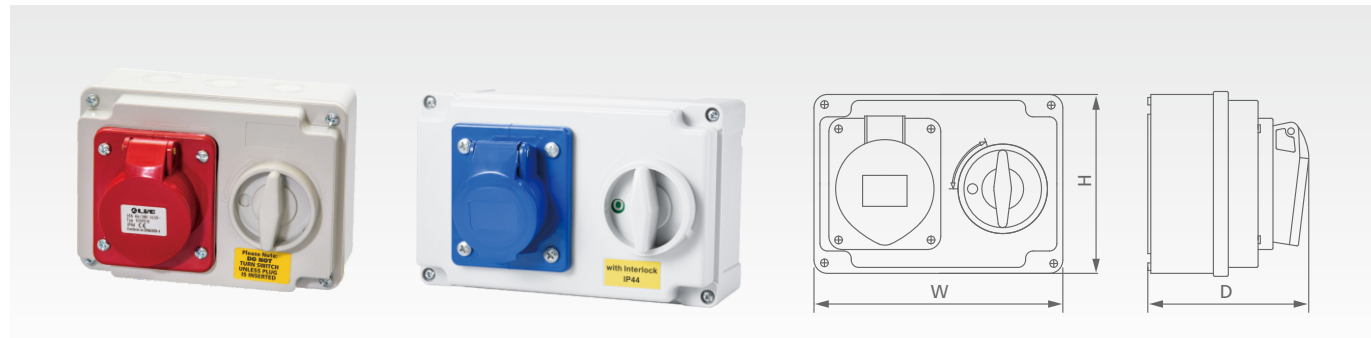
The LVE DC rotary isolator switch range is manufactured from tough, durable thermoplastic. all rated for installation and use as switch-disconnectors and all with options allowing for “lockable off” operation.

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
RI20DC	4 Pole 20A DC Rotary Isolator	30	100	180	114	81	84	158
RI25DC	4 Pole 25A DC Rotary Isolator	30	100	180	114	81	84	158

• Interlocked Switched Sockets



Features

- Interlock ensures that socket is switched off before plug can be removed
 - IP44 rated
 - Rated voltage: AC 220-250V~
 - Operation Temperature: -25+40°C
- Rated current: 16A, 32A
 - Material: Flame Retardant PA66
 - Standards: BS EN60309-4, BS EN60309-1,BS EN60309-2

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

• Changeover Switch IP66



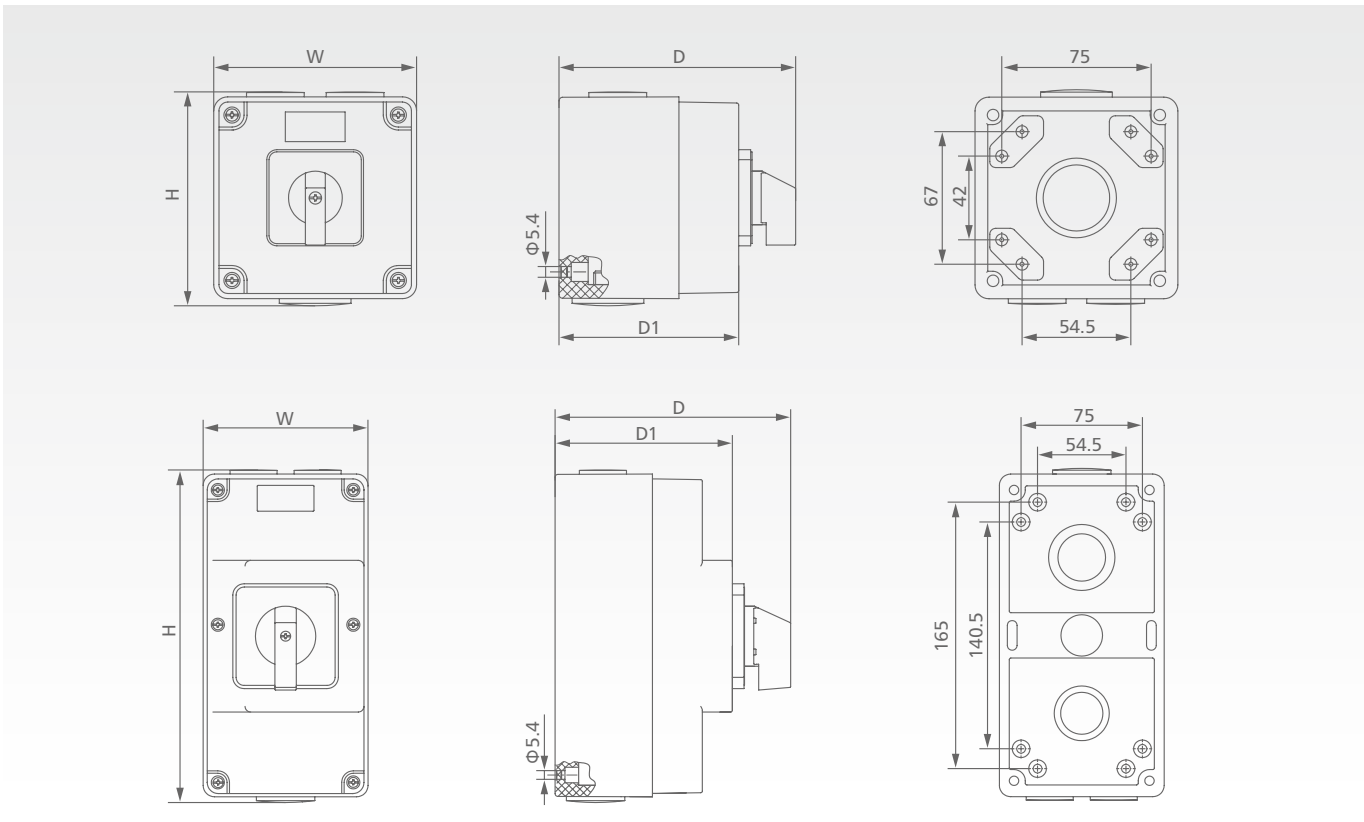
Description

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

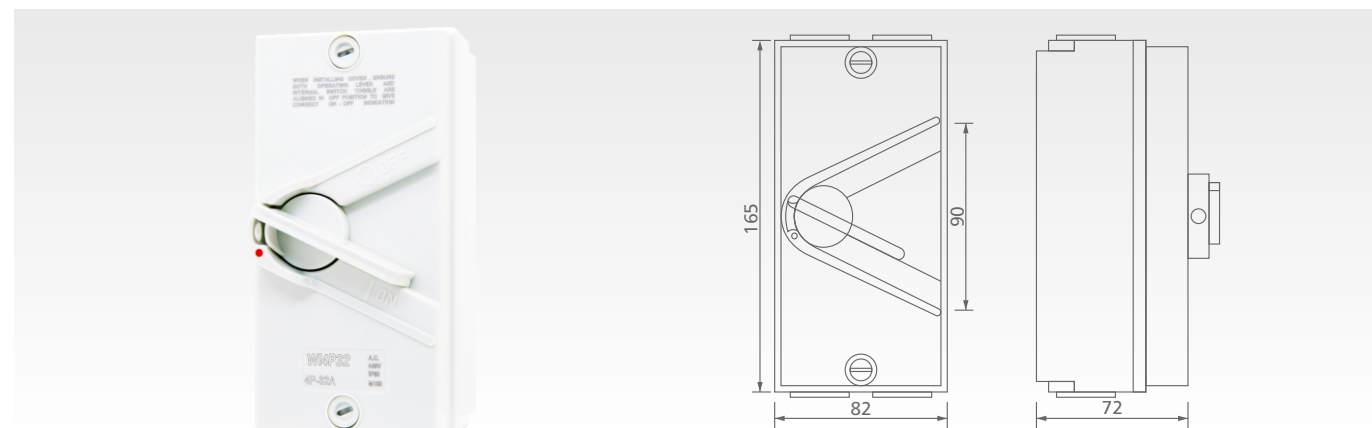
Features

- 3 Position with centre off
 - IP66 Water and dust protection
- Knockouts top & bottom
 - Complies with BS EN60947-3

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



• Waterproof Isolator Switch



Features

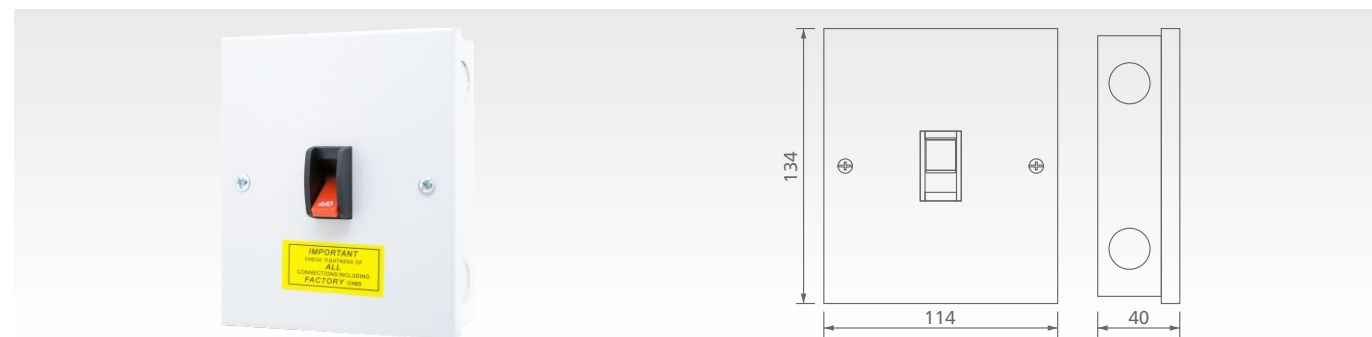
- The WI series of weather-resistant isolation switches have a wide range of applications, suitable for any outdoor application conditions. Including single pole, double pole, three pole, four pole switch, the current range of 20A to 63A. The base mounting device provides easier termination and more 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.

Technical Data

- Operating voltage: 250V/440V
- Poles: 1P,2P,3P,4P
- All devices comply with IEC60947-3
- Standard Colors: white/grey
- Weatherproof to IP65

Part No.	Description	Box Qty
WI1P20A	1Pole 20Amps	20
WI1P32A	1Pole 32Amps	20
WI1P63A	1Pole 63Amps	20
WI2P20A	2Pole 20Amps	20
WI2P32A	2Pole 32Amps	20
WI2P63A	2Pole 63Amps	20
WI3P20A	3Pole 20Amps	20
WI3P32A	3Pole 32Amps	20
WI3P63A	3Pole 63Amps	20
WI4P20A	4Pole 20Amps	20
WI4P32A	4Pole 32Amps	20
WI4P63A	4Pole 63Amps	20

• Metal Waterproof Isolator Switch



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

• Industrial Plugs, sockets, connectors



Industrial Plug

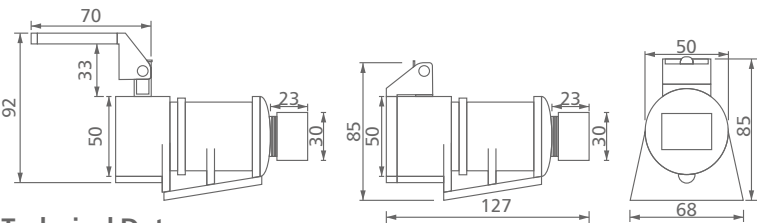
Part No.	Description	Box Qty	Dimensions	
			W	H
P163	2 Pole+E, 16A	10	120	55
P164	3 Pole+E, 16A	10	120	58
P165	3 Pole+N+E, 16A	10	128	66
P323	2 Pole+E, 32A	10	137	67
P324	3 Pole+E, 32A	10	137	130
P325	3 Pole+N+E, 32A	10	145	75

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



Technical Data

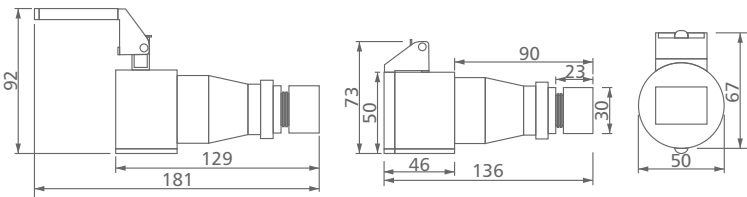
	S163	S164	S165	S323	S324	S325
Number of Poles	2P+E	3P+E	3P+N+E	2P+E	3P+E	3P+N+E
Rated current In(A)	16A	16A	16A	32A	32A	32A
Rated voltage Un	220V-250V~	380V-415V~	380V-415V~	220V-250V~	380V-415V~	380V-415V~
Degree of Protection	IP44	IP44	IP44	IP44	IP44	IP44
Conductor Cross-sections	1-2.5	1-2.5	1-2.5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



Technical Data

	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

• Metal Main Switch Enclosure

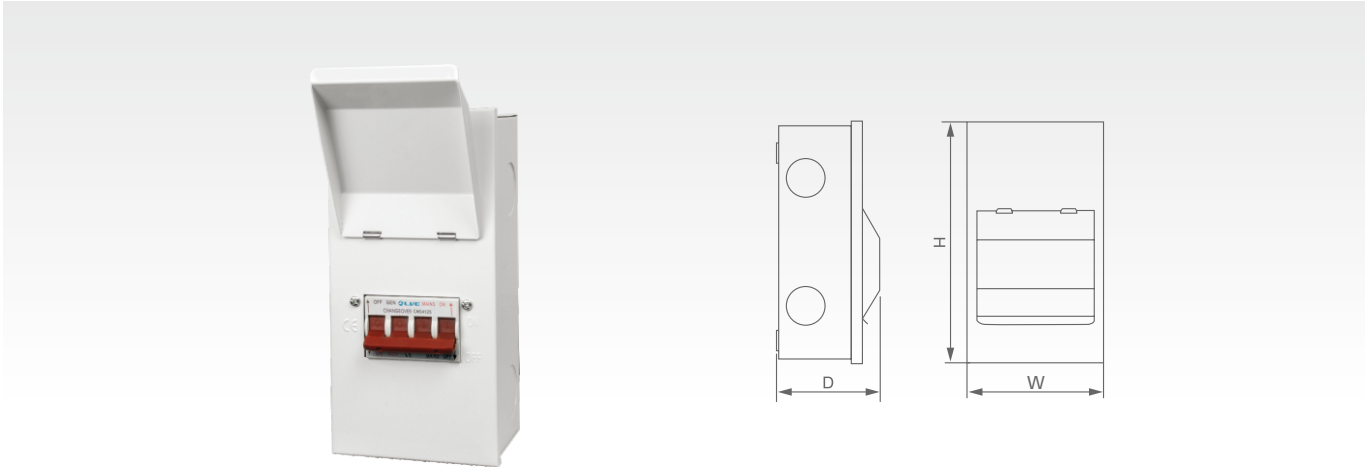


Features

- 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	Box Qty	Dimensions		
			W	H	D
MSE100	4 Way Enclosure c/w 4Pole 100A Main Switch	8	125	183	110
MSE125	4 Way Enclosure 4 Pole 125A Main Switch	8	125	183	110

• Metal 125A Changeover Switch box



Features

- 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
- 125A Changeover switch
- Complies with BS EN61439-3 EN60947-3

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

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

14x51 Fuse



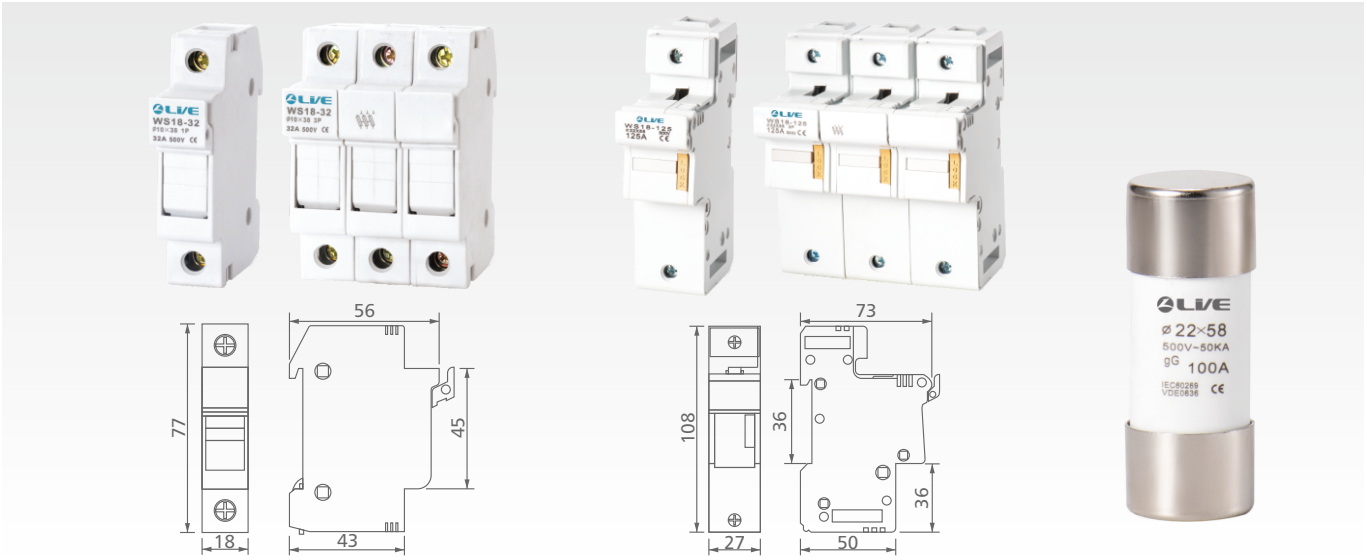
Part No.	Description	Function Class	U(v)	Breaking Capacity (kA)
FU6A14	6A 14x51 Fuse	gG	690	80
FU10A14	10A 14x51 Fuse	gG	690	80
FU16A14	16A 14x51 Fuse	gG	690	80
FU20A14	20A 14x51 Fuse	gG	690	80
FU32A14	32A 14x51 Fuse	gG	500	120
FU40A14	40A 14x51 Fuse	gG	500	120
FU50A14	50A 14x51 Fuse	gG	400	120

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

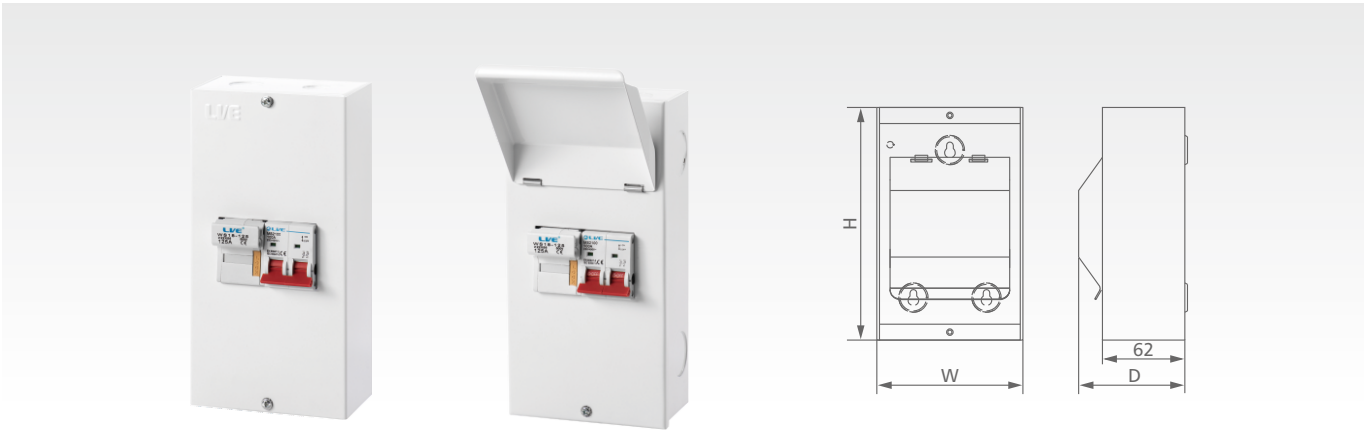
Fuse Holder



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.

Part No.	Description	Fuse Size	Max Rated Current	U(v)	Rated Power Dissipation	Max Power Dissipation
WS18-32	Single Pole/32A Rail Mount Fuse Holder Without Fuse	10x38mm	32A	690V AC	3W	4W
WS18-63	Single Pole/63A Rail Mount Fuse Holder Without Fuse	14x51 mm	63A	690V AC	5W	6W
WS18-125	Single Pole/125A Rail Mount Fuse Holder Without Fuse	22x58mm	125A	690V AC	9.5W	12W

Metal Fused Box



Features

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

Part No.	Description	Box Qty	Dimensions		
			W	H	D
LMFS100	Metal 125A Fuse Switch Box Without Lid Ip20	12	115	225	62
MCFS100	Metal 125A Fuse Switch Box With Metal lid	16	115	225	80
MCFS100/3F	Metal 125A Fused Switch c/w 3 Fuses (63/80/100A)	16	115	225	80

Fused Main Switch

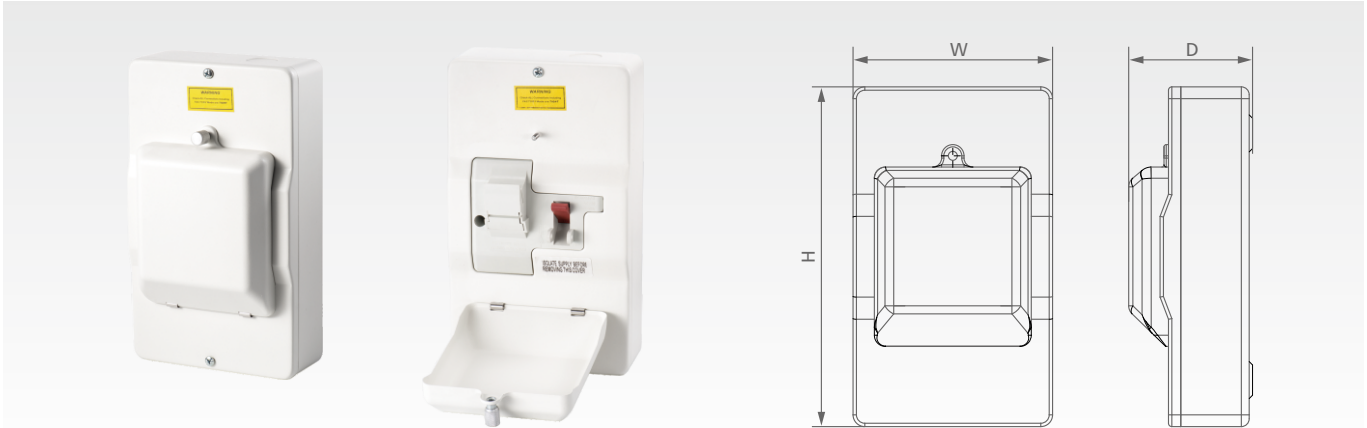


Features

- 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
- 100Amps/AC21
- Ideal for the protection & isolation of incoming supplies up to 100A
- Manufactured to BS EN 60947-3

Part No.	Description	Box Qty
LFIS100	100A Switch fuse c/w 80 & 100A fuse and shroud	30

Metal Switch Fuse



Features

- 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	Box Qty	Dimensions		
			W	H	D
MSFU100	Metal Main Switch fuse c/w 80A fuse	6	178	303	108

SWITCH AND SOCKET

LIVE ELECTRICAL
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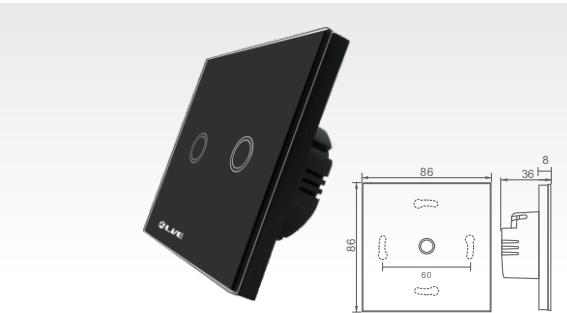
• Touch Light Switch

Features

- Tempered glass panel, high-grade appearance.
- Panel design is configurable, you can customize different colors and patterns according to customer requirements. The outer casing adopts imported ABS fireproof injection molding material for safety.
- With LED light indication, the position of the switch is displayed in the dark, highlighting the switch location.
- Electronic switching, rather than the traditional mechanical switching.
- Switch defaults to open after power failure.
- For domestic, offices, hotels, hospitals, factories and other locations.
- Can control such as incandescent lamps, energy-saving lamps, lamps, LED lights and other types of lamps on the market.

Technical Parameters

Rated Voltage: 90-250V AC
Rated Current: 16A
Rated frequency: 50/60HZ
Color: white, black, gold, gray
Size: 86mm*86mm、86mm*147mm、86mm*228mm
Mounting hole distance: 60mm
Product Certification: CE
Warranty: 2 years
Wiring method: single pole live wire
Working environment temperature: -20~+70C°
Working environment humidity: relative humidity <95%



Touch Light Switch

	Part No.	Description	Box Qty
TLS-1	TLS-1B, TLS-1W TLS-1G, TLS-1GL	Touch Light Switch 1 Gang/1 Way	1
TLS-2	TLS-2B, TLS-2W TLS-2G, TLS-2GL	Touch Light Switch 2 Gang/1 Way	1
TLS-3	TLS-3B, TLS-3W TLS-3G, TLS-3GL	Touch Light Switch 3 Gang/1 Way	1

Remote Touch Light Switch

	Part No.	Description	Box Qty
TLSR-1	TLSR-1B, TLSR-1W TLSR-1G, TLSR-1GL	Wireless Remote Touch Light Switch 1 Gang/1 Way With Remote Controller	1
TLSR-2	TLSR-2B, TLSR-2W TLSR-2G, TLSR-2GL	Wireless Remote Touch Light Switch 2 Gang/1 Way With Remote Controller	1
TLSR-3	TLSR-3B, TLSR-3W TLSR-3G, TLSR-3GL	Wireless Remote Touch Light Switch 3 Gang/1 Way With Remote Controller	1

Wifi Remote Touch Light Switch

	Part No.	Description	Box Qty
TLSW-1	TLSW-1B, TLSW-1W TLSW-1G, TLSW-1GL	Wifi Touch Light Switch 1 Gang/1 Way	1
TLSW-2	TLSW-2B, TLSW-2W TLSW-2G, TLSW-2GL	Wifi Touch Light Switch 2 Gang/1 Way	1
TLSW-3	TLSW-3B, TLSW-3W TLSW-3G, TLSW-3GL	Wifi Touch Light Switch 3 Gang/1 Way	1

Remote Controller

The remoter has the functions of small and portable, portable, remote control. It needs to be used in conjunction with a wall switch with remote control function. One AAA battery required. Multiple switches are combined together, without interference with each other, and the remote control works from anywhere in the home.

Part No.	Description	Box Qty
TLS-RC	Remote Light Switch Controller	1

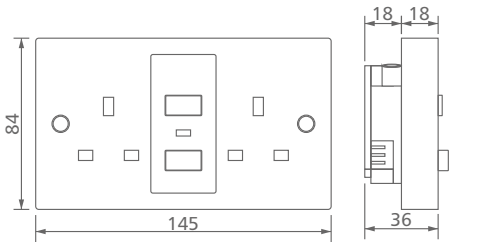
• White RCD Socket



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

- Type: 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



Part No.	Description	Box Qty
RSPS113A/030	1 Gang Switched White RCD Socket 13A 30mA	60
RSPS213A/030	2 Gang Unswitched White RCD Socket 13A 30mA	40
RSPS213A/030	2 Gang Switched White RCD Socket 13A 30mA	40
RSPS213A/030-A	2 Gang Switched White RCD Socket 13A 30mA	40

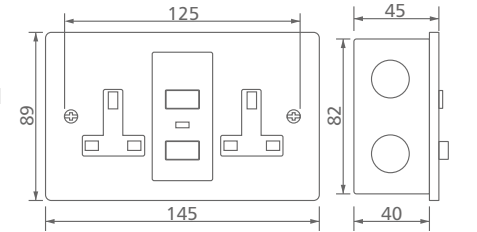
• Metal Clad RCD Socket



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

- Type: 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



Part No.	Description	Box Qty
RSMS113A/030	1 Gang Switched Metal Clad RCD Socket 13A 30mA	40
RSM213A/030	2 Gang Unswitched Metal Clad RCD Socket 13A 30mA	32
RSMS213A/030	2 Gang Switched Metal Clad RCD Socket 13A 30mA	32
RSMS213A/030-A	2 Gang Switched Metal Clad RCD Socket 13A 30mA	40

• RCD Spur Unit



RPS13

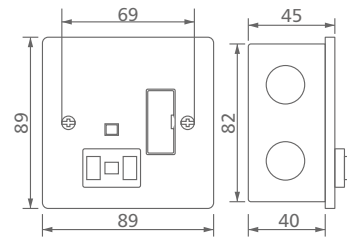


RMS13

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

- Type: Latching(Passive)
- Operating Voltage: AC220-240V/50Hz
- Current Rating :13A
- Rated Trip Current: 30mA
- Trip Speed: 40ms
- Contact Break Double Pole
- Cable Capacity Up to 10.5mm²
- Conforms To BS7288



Part No.	Description	Box Qty
RPS13	RCD Protected 13A Fused Spur Connection Unit	50
RMS13	RCD Protected 13A Metal Clad Fused Spur Connection Unit	40

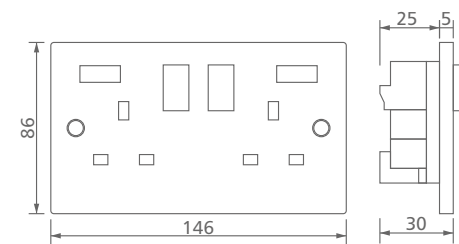
• 13 Amps Switched Socket With USB Charger



P22UB3.1



WM22UB3.1

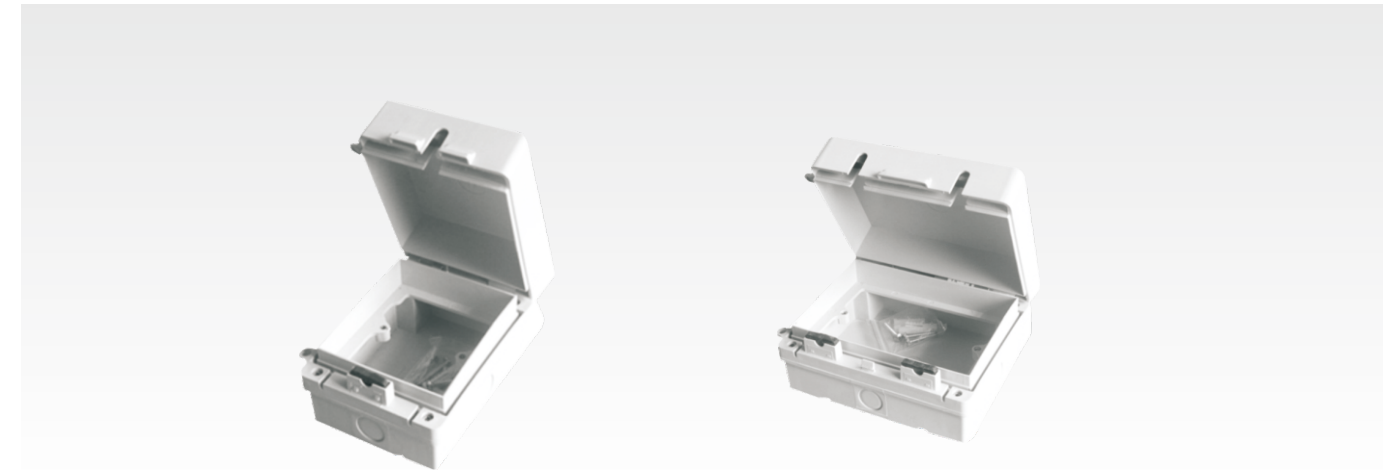


Technical Data

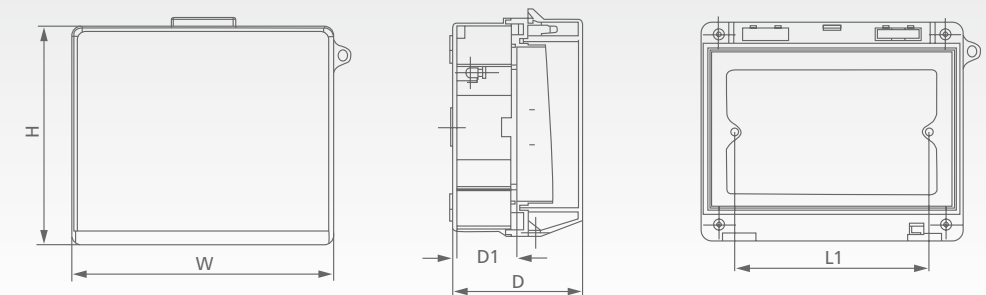
- Working voltage: 13A, 250V
- Working temperature -15 to 40
- USB Output: 2.1Amps / 1Amps, 5V
- UK 3 pin socket output: 13A, 250V
- Can be fitted any standard 25mm deep wall box
- Manufactured to BS1363 & EN 60950-1
- These device must be installed by a competent person, in accordance with the current edition of the IET Wiring Regulations (BS7671) & Building Regulations

Part No.	Description	Box Qty
P22UB3.1	2 Gang 13Amps Switched White Socket with 2 x USB	50
WM22UB3.1	2 Gang 13Amps Switched Metal Socket with 2 x USB	50

• IP 65 Socket Box

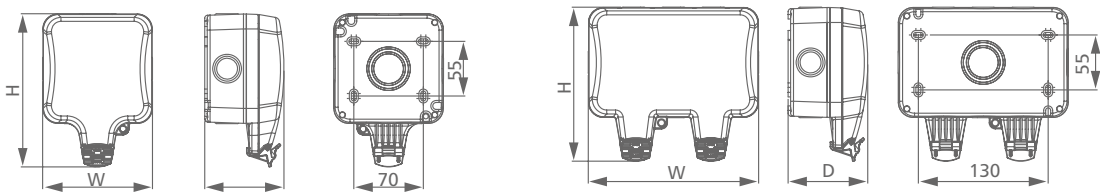


The LVE IP 65 Socket Box range can be fit a large 1 gang or 2 gang socket, they offer dust ingress protection, and is protected against low pressure water jets from any direction, is the ideal solution for both outdoor and indoor environments, where a good degree of ingress protection is required. In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

• 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 Socket IP66



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



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

• 20Amp Weatherproof Switch

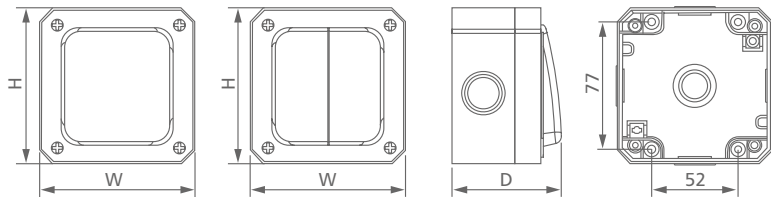


Description

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

• DC Smoke Alarm



Description

DC battery power supply with I/O port, ultra-low power consumption, 10 year-life span.

Product Feature

- Compact size, outline size is ϕ 120*36mm
- Insect-proof nest to prevent insects entering the sensor
- I/O port for interconnection; WiFi / ZigBee trigger for Apps

Technical Data

- Power:3VDC lithium battery CR123A
- Operate Current: <5uA (Standby), <50mA (Alarm)
- Battery Life: > 10 years
- Sound Level:> 85dB at 3 meters
- Sound Pattern:ISO8201
- Smoke Sensitivity:0.10-0.18dB/m
- Directional Depending: < 1.4
- Silence Time:8-15 minutes
- Max Interconnection:48pcs
- Size: ϕ 120*36mm
- Warranty:5 years
- Environment:0-45°C, 10-90%RH
- Compliance With: EN14604-2005, AS3786-2014

Part No.	Description	Box Qty
SA12DI	DC Powered 10 Years Long-life Battery with I/O Port for Interconnection	1

Features

- DC3V built-in lithium battery (CR123A) -10 years life
- Big button for easy test and hush and locate
- Photoelectric sensor
- Low battery warning
- Faulty warning
- Interconnectable with up to 20pcs, After connection, one triggers, all the alarm will be triggered.
- Remote control optional.
- Can connect with other RF interlinked function detector, such as heat detector, CO detector...

Technical Data

- Produce size: ϕ 110mm x H42mm
- Working voltage: DC3V built-in lithium battery
- Standby current: <10uA
- Alarm current: < 60mA
- Alarm mode: LED & Buzzer
- Wireless frequency: 433.92/868 Mhz GFSK
- Wireless connection distance: Radius 100m (open area)
- Sound level: > 85dB/3m
- Low voltage threshold: 2.7V
- Net weight: 140g
- Execute Criterion: AS3786:2014 CE EN14604 RoHS ISO



Part No.	Description	Box Qty
SA-01	DC Powered 10 Years Long-life Battery with LED and Buzzer	1

• DC Smoke Alarm



- Description**

DC battery power supply with I/O port, ultra-low power consumption, 10 year-life span; Wireless interconnection is another option for your easy installation.
- Product Feature**

 - Compact size, outline size is ϕ 120*36mm,
 - Insect-proof nest to prevent insects entering the sensor;
 - I/O port for interconnection; WiFi / ZigBee trigger for Apps
- Technical Data**

- Power:3VDC lithium battery CR123A
 - Operate Current: <5uA (Standby), <50mA (Alarm)
 - Battery Life:> 5 years
 - Sound Level:>85dB at 3 meters
 - Sound Pattern:ISO8201
 - Smoke Sensitivity:0.10-0.18dB/m
 - Directional Depending: < 1.4
 - Silence Time:8-15 minutes
 - Max Interconnection:24pcs
 - Size: ϕ 120*36mm
 - Warranty:5 years
 - Environment:0-45°C, 10-90%RH
 - Compliance With: EN14604-2005, AS3786-2014

Part No.	Description	Box Qty
SA12DW	DC Powered Smoke Alarm with Wireless 868MHz RF Module for Interconnection	1

• Interconnected Remote Controller



- Description**

This is the portable wireless remote controller for your wireless interconnected smoke detectors. By pressing the “TEST” or “HUSH” buttons on the remote to communicate with your smoke detectors, ensuring an easier, quicker, more sensible operation wit your smoke detector. Direct control with your smoke alarm hereby you don’t have to take a ladder to test the smoke detectors weekly or monthly. When there are un-wanted noise from the smoke alarm, press the “HUSH” button once, to make the smoke alarm silent.
- Features**

 - Wireless 433Mhz connected.
 - Wire-free design.
 - Easy for installation.
 - Compact and portable, hold it on the wall
 - AA battery powered, replaceable battery
-

Part No.	Description	Box Qty
SA-RC	Smoke Alarm Remote Controller	1

• AC Smoke Alarm



- Description**

Standby power consumption is lower than 0.1VA.
- Product Feature**

 - Dual power supply, 10 years long-life battery backup even without AC power
 - Standby power <0.1VA
 - I/O port for interconnection; WiFi/ZigBee trigger for Apps
 - BLE 5.0 modular inside, remote Test/Hush/Alarm/Fault, BLE mesh for data communication
 - Apps/HA (Home Automation) system is available
- Technical Data**

- Power:AC mains 200-240VAC/50Hz , 3VDC lithium battery CR123A
 - Operate Current:AC max 0.02A
 - Battery Life: > 10 years
 - Sound Level:> 85dB at 3 meters
 - Sound Pattern:ISO8201
 - Smoke Sensitivity:0.10-0.18dB/m
 - Directional Depending: < 1.4
 - Silence Time:8-15 minutes
 - Max Interconnection:48pcs
 - Size: ϕ 120*36mm
 - Warranty:5 years
 - Environment:0-45°C, 10-90%RH
 - Compliance With: EN14604-2005, AS3786-2014

Part No.	Description	Box Qty
SA12ADI	AC Powered with DC 10 Year long-life Battery Backup, with BLE Mesh	1

• AC Smoke Alarm



- Description**

Standby power consumption is lower than 0.1VA.
- Product Feature**

 - Dual power supply, 10 years long-life battery backup even without AC power
 - Standby power < 0.1VA
 - I/O port for interconnection; WiFi/ZigBee trigger for Apps
- Technical Data**

- Power:AC mains 200-240VAC/50Hz , 3VDC lithium battery CR123A
 - Operate Current:AC max 0.02A
 - Battery Life: > 10 years
 - Sound Level:> 85dB at 3 meters
 - Sound Pattern:ISO8201
 - Smoke Sensitivity:0.10-0.18dB/m
 - Directional Depending: < 1.4
 - Silence Time:8-15 minutes
 - Max Interconnection:48pcs
 - Size: ϕ 120*36mm
 - Warranty:5 years
 - Environment:0-45°C, 10-90%RH
 - Compliance With: EN14604-2005, AS3786-2014

Part No.	Description	Box Qty
SA12AI	AC Powered with DC 10 Year long-life Battery Backup	1

•
Interlinked Heat Detector



Description

Interconnected heat detector was designed with precise Microprocessor control. Fixed temperature heat detectors. It's perfectly suitable and very easy to install on the ceiling, suitable for horizontal, living room, stair crawl space, storage room, and also suitable for kitchen, boiler room, power generation room, drying workshop, smoking room, where the relative humidity is often greater than 95%. Dust workshops and other space where smoke detectors are not suitable for installation. Sound and light alarm are issued to warn you more comprehensively of danger. The product has a highly stable chip and algorithm, which can reduce false positives and false negatives, and protect your life and property at any time.

Features

- Built-in lithium battery, 10 years life CR123A battery.
- Low battery warning.
- Interconnectable with up to 20pcs, After connection, one triggers, all the alarm will be triggered.
- Remote controller optional.
- Can connect with other RF interlinked function detector, such as smoke detector, CO detector...

Technical Data

- Product type: Constant temperature
- Alarm temperature: 54-65°C
- Power supply: 3V Lithium sealed In Battery
- Product life: 10 years
- Product size: Φ116mm *H46mm
- Alarm indicator: Red LED Flashing
- Auto reset
- Alarm sound level: Exceeding 85dB at 3m
- Protected area: 30 square meters

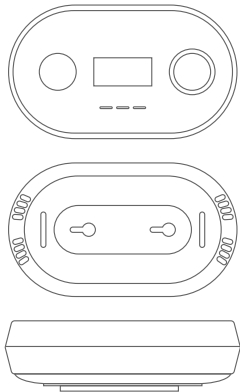
Part No.	Description	Box Qty
HD-01	DC Powered Heat Detector with Red LED Flashing	1

•
Carbon Monoxide Detector



Technical Data

- The power supply: 6V DC
- Battery specification: 2x3V Lithium battery
- The working environment: -10-50℃ 30-90%RH
- Alarm sound: > 86dB/3m
- Product life: 10 years
- Battery life: 10 years
- RF Wireless frequency: 433.92Mhz or 868.30Mhz
- Execution standard: EN50291-1.2018



Part No.	Description	Box Qty
LCMD-01	DC Powered 10 Years Long-life Battery Carbon Monoxide Detector	1

•
EV Charging Station



The AC charging station provides AC 50Hz, rated voltage 220V AC power supply for charging electric vehicles with on-board chargers, and is mainly suitable for the following places:
Large, medium and small electric vehicle charging stations;
Various public places with parking spaces for electric vehicles, such as urban residential communities, shopping plazas, and power business places;
Transportation hub areas such as high-speed service areas, stations and docks;
Real estate and project construction acceptance needs.

• EV Charging Station

- Features
- Provide two installation methods: column type and wall type;
 - Adopt AC220V AC input;
 - Adopt non-contact smart card reader to read IC card related information and communicate with main control board through RS-485 interface,
 - Can only be provided for the swiping version and the operating version);
 - The shape adopts sheet metal and part of ABS plastic structure.

Technical Data

Input Voltage	AC220V±20%
Input Frequency	50±10Hz
The Output Voltage	AC220V±20%
Maximum Output Voltage	32A
Measurement Accuracy	Level 0.5
Electrical Index	≥11
Operating Temperature	-25 °C~+50 °C
Working Humidity	5%~95% non-condensing cream
Working Elevation	< 2000m
Protection Level	IP 54
MTBF	30,000 hours

Part No.	Description	Box Qty
LEVCS-7	7kw Wall-mounted Column-type AC Charging Station	1
LEVCS-7/A	7kW Wall-mounted, Column-type AC Charging, without cable	1
LEVCS-CARD	Contactless card for 7kW Wall-mounted, Column-type AC Charging Station	

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

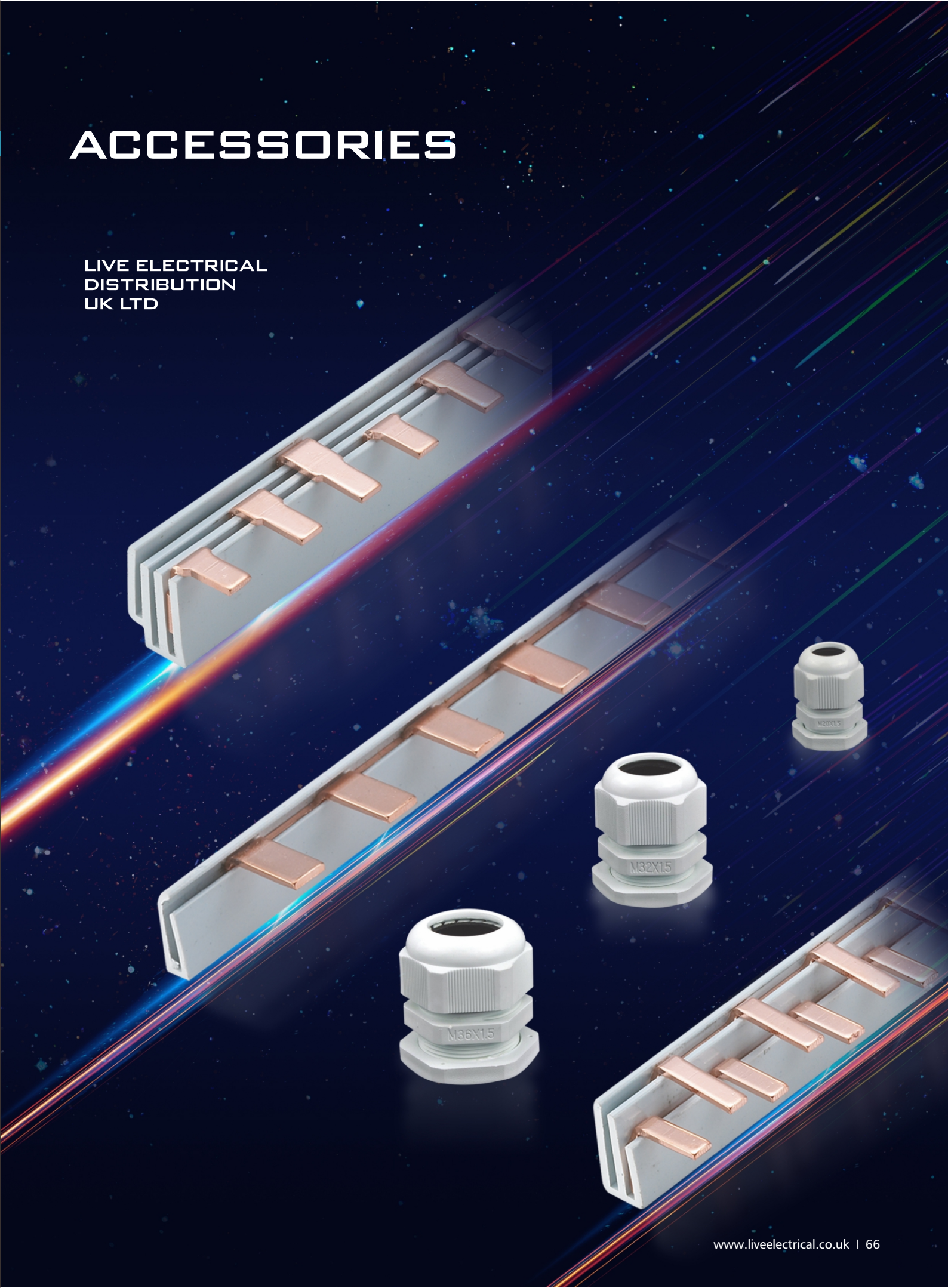
Junction Box With Smooth Walls



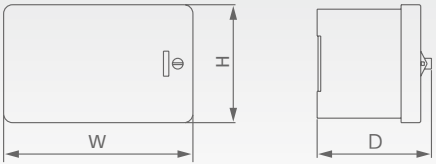
Part No.	Description	IP Rating	Knock Out	Box Qty
JB105B	100x100x50	IP56	Plan Side	100
JB125B	120x80x50	IP56	Plan Side	100
JB155B	150x110x70	IP56	Plan Side	60
JB195B	190x140x70	IP56	Plan Side	30
JB245B	240x190x90	IP56	Plan Side	20
JB305B	300x220x120	IP56	Plan Side	10
JB385B	380x300x120	IP56	Plan Side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

ACCESSORIES

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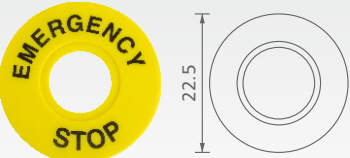
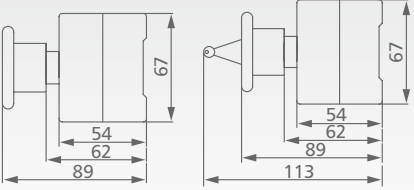
Connector Block



- 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

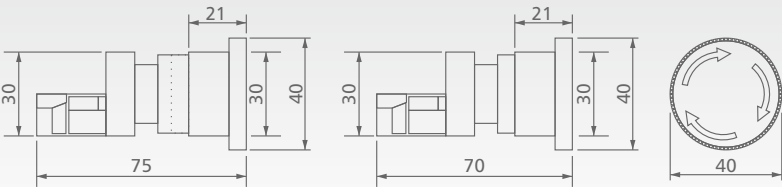


- IP rating: IP66
- Contact Type: 1 NC
- Ith: 10A Ui:600V Uimp:6kA AC15: 240V 3A
- 20mm cable entry knock-outs on the top and bottom
- Complies with BS EN60947-5-1

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

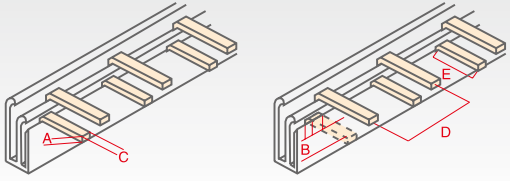
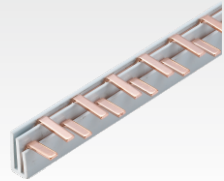
Mushroom Head Emergency Button



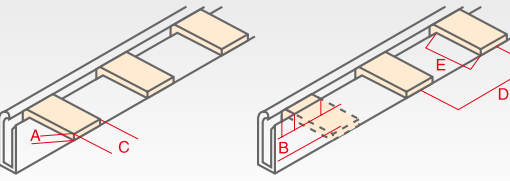
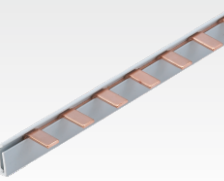
- IP rating: IP66
- Contact Type: 1 NC
- Ith: 10A Ui:600V Uimp:6kA AC15: 240V 3A
- 20mm cable entry knock-outs on the top and bottom
- Complies with BS EN60947-5-1

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

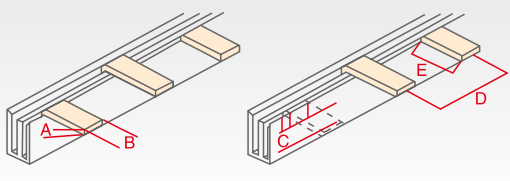
Copper Busbar



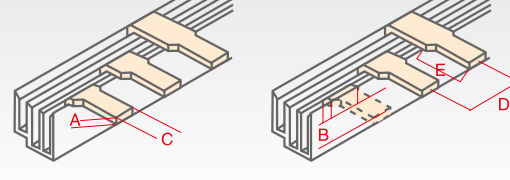
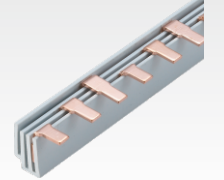
Part No.	Description	Nominal Current		Nominal Voltage			Cross Section	
		63A		415V			10mm²	
		A	B	C	D	E	Length	Pole
DPN63A	DPN 63A Copper Busbar	1.4mm	7mm	4mm	17.8mm	11.5mm	1000mm	108



Part No.	Description	Nominal Current		Nominal Voltage			Cross Section	
		100A		415V			16mm²	
		A	B	C	D	E	Length	Pole
SPC100	Single Pole 100A Copper Busbar	1.7mm	9mm	6mm	17.8mm	11.5mm	1000mm	54



Part No.	Description	Nominal Current		Nominal Voltage			Cross Section	
		100A		415V			16mm²	
		A	B	C	D	E	Length	Pole
DPC100	Double Pole 100A Copper Busbar	2mm	6mm	11mm	17.8mm	11.5mm	1000mm	54



Part No.	Description	Nominal Current		Nominal Voltage			Cross Section	
		100A		415V			16mm²	
		A	B	C	D	E	Length	Pole
TPC100	3 Pole 100A Copper Busbar	1.7mm	9mm	6mm	17.8mm	11.5mm	1000mm	54

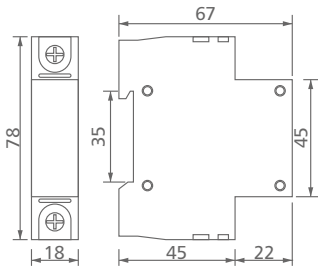
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Accessories



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.

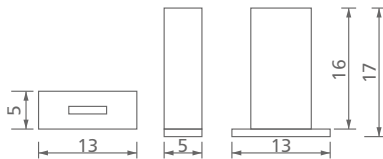
Part No.	Description	Box Qty
TBL100	MCB Type Terminal Block 100A 35mm ²	12



Busbar Cap

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

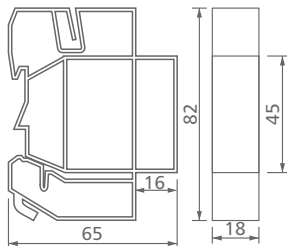
Part No.	Description	Box Qty
Busbarcap	Busbar Cap Red 100 / PK	100



Plastic Blank

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

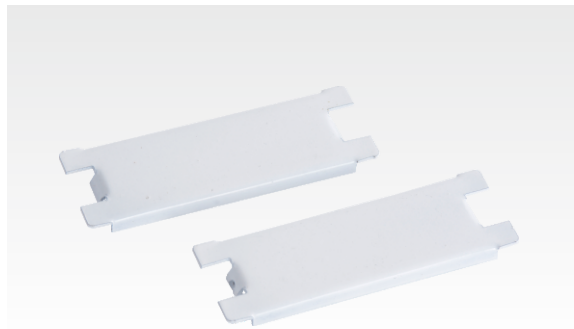
Part No.	Description	Box Qty
PCUBLANK	Plastic Consumer Unit Blank	12



Metal Blank

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

Part No.	Description	Box Qty
MCUBLANK	Metal Blank for Metal Consumer unit and Three Phase Board	1



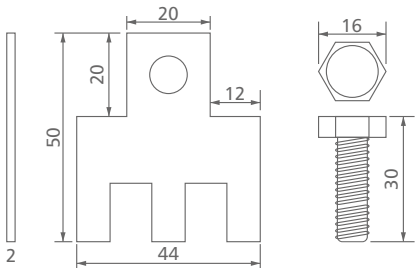
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Accessories



Single Phasing Kit

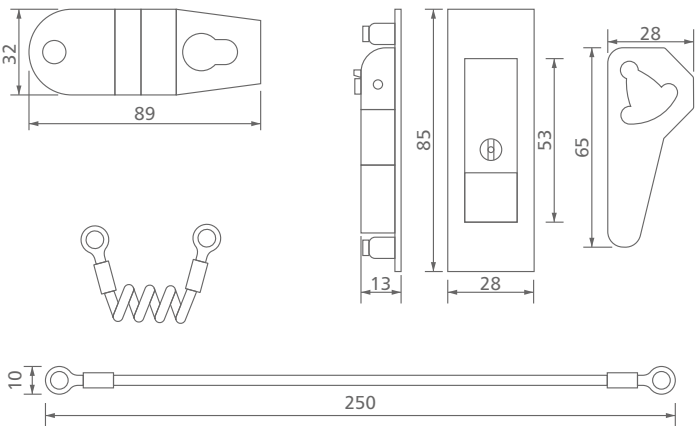
2 × warning labels
2 × numbered ID labels
1 × Busbar

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

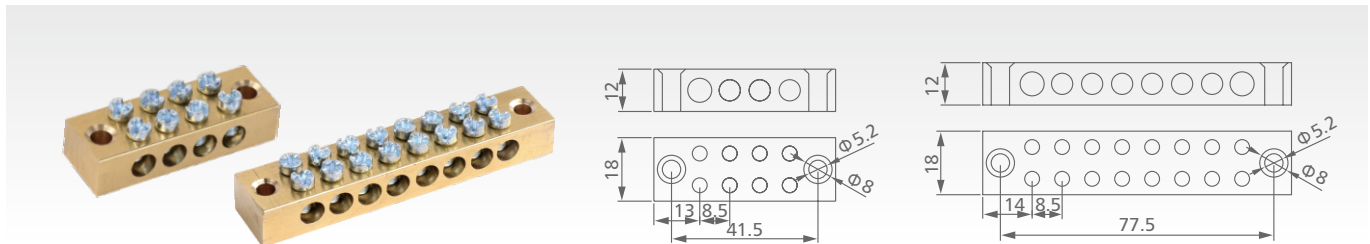


Metal Enclosure Kit

Part No.	Description	Box Qty
MEES	Earth Strap for Metal Enclosure	1
BRACKET	Wall Mounting Bracket	1
MEKIT	1 pcs Earth Strap and 4 pcs Wall Mounting Bracket	1



Earth Terminal Block

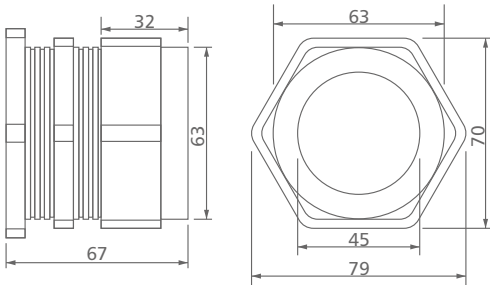


Part No.	Description	Box Qty
ET4W	4 Way Earth Terminal Block	100
ET8W	8 Way Earth Terminal Block	100

• PG Thread Type Nylon Cable Gland

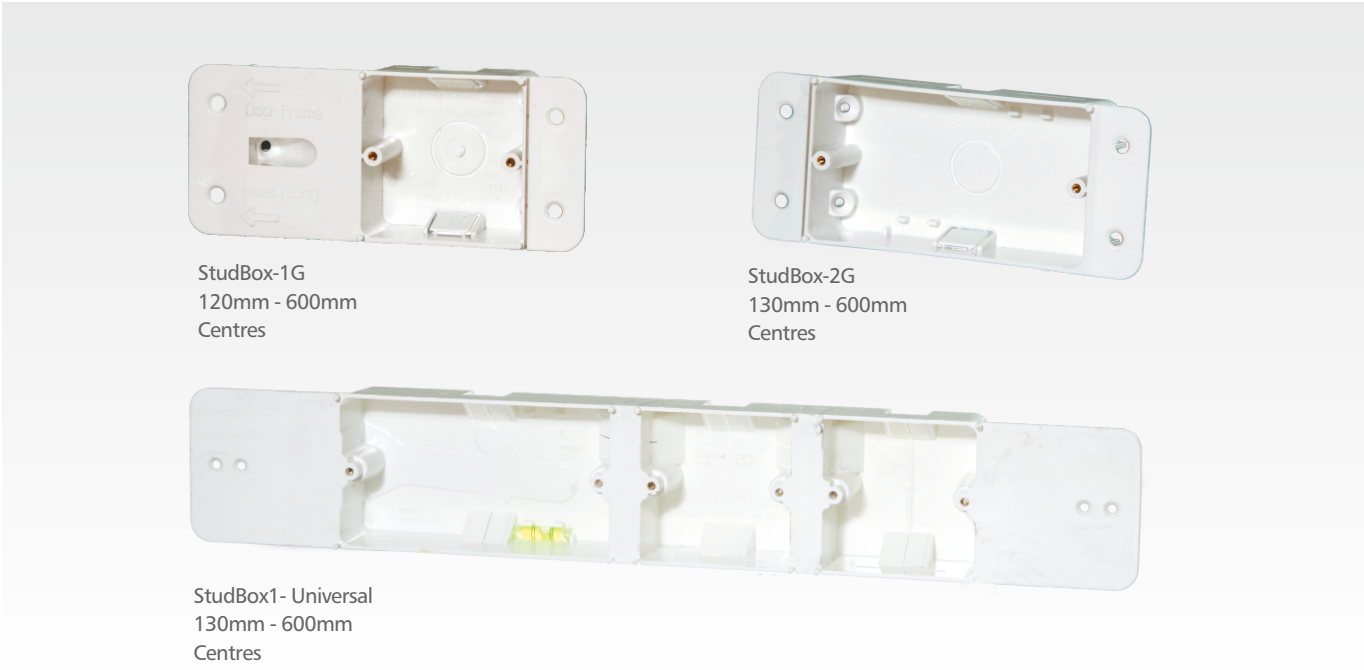


- Thread type: PG
- Material: Nylon66, sealing ring is made of NBR
- Fire Rating: UL94V-2;UL94V-0(optional)
- Protection degree: IP68
- Temperature Resistance: -40°C (-40°F) to 100 °C(100°F), short time to 120 °C(248°F).
- Connection Thread Norms:EN60423 / DIN40430
- Thread length: Standard thread type 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

• StudBox Range Product



Part No.	Description	Box Qty
StudBox-1G	120-600mm Stud centres(1 Gang)	100
StudBox-2G	130-600mm Stud centres(2 Gang)	100
StudBox1	380-450mm Stud Centres (1G+1G+2G)	100

Q WHAT DISTANCE WILL THE BOX SPAN ACROSS?

A StudBox 1 - 380mm to 450mm
StudBox 1G - 120mm to 600mm
StudBox 2G - 130mm to 600mm

Q WHAT ARE THE POINTS FOR ON THE FRONT FACE?

A When the plasterer places his board up to a wall with a StudBox fitted, he bangs the board in the area of StudBox and it leaves marks at the corners of each box cavity so the hole can be cut out exactly and without measurement being required.

Q WHAT HAPPENS IF I ONLY NEED TO USE A TWIN OR SINGLE BOX?

A Cut the studs off the box cavity/s not being used with snips and board over them.

Q WHY CUT THE POINTS OFF THE BOX CAVITIES NOT BEING USED?

A By snipping off the points on the unused box cavities this guarantees that the plasterer marks and cuts out the correct box cavity.

Q WHY DOES THE STUDBOX 1 HAVE ARROWS IN THE BACK SAYING "SINGLE BOX" AND "DOUBLE BOX"?

A If you require another socket or switch at a later date the arrows show you which side to cut the hole in board.

Q WHAT HAPPENS IF ONE OF THE BRASS THREADS GETS DAMAGED?

A Drill out the damaged insert with a 5mm drill and we can supply a M3.5 brass insert that self taps from the front.

Q WHAT OTHER VARIATIONS OF BOX DO YOU MAKE?

A The original StudBox offers 6 variants in one. We also make StudBox 1G & 2G.

Q WHERE CAN I BUY STUDBOX?

A See our Suppliers list.

Q WHERE IS STUDBOX MANUFACTURED?

A Here in the UK.

Q WILL STUDBOX BREAK OR SHATTER?

A No, StudBox is made from Polycarbonate an engineering plastic which means its both strong and flexible. The flanges can be bent completely backwards and they won't break.

Q IS STUDBOX FIRE RESISTENT?

A StudBox is made from Polycarbonate which is described as a 'Self Extinguishing' material and has a fire rating of UL94 V-2 @ 1.6mm thick.

Q DOES THE BOX PUSH THE PLASTERBOARD FOREWORD?

A The flanges are only 1.8mm thick so it is not noticeable when the board is in place.

Q I NOTICE THE BOX IS FLEXIBLE WHEN 1ST FIXED?

A This flexibility helps with any knocks or bangs it may receive. When 2nd fixed it is completely solid.

Q WHAT HAPPENS IF I HAVE ANY PROBLEMS PURCHASING OR FITTING A STUDBOX?

A Contact StudBox via this website and we will be happy to help.

Q CAN YOU FIT GRID SWITCHES AND DECORATIVE SOCKETS?

A Yes. As sockets and switches from different manufactures are all slightly different in shape and size, when the plastered board is fitted the extra space allows the sockets to be moved into place.

Terms And Conditions

Live Electrical Distribution(UK)Ltd is registered at 41 Knowsley Street Bury Lancs BL9 0ST (number 07429017). VAT Registration Number 151265629
When you (the person named on the order) place an order with 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. We can take payment by most credit cards and debit cards. If credit facilities are offered payment shall be received within 30 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 2pm. 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.

8.36-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 36 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.



1

StudBox 1 is 450mm long-so no need to measure height from the floor on stud work.



2

Set StudBox at marked height and insert first screw. Set level using spirit level then insert second screw.



3

Push out tabs and insert cables into required box / boxes. Use snips to remove plaster board marking points off the boxes not used.



4

Plasterer puts board in correct position then bangs in area of StudBox.



5

Points on the face of the box mark exact position to cut out. No measuring required.



6

StudBox fits tight to the back of board reducing noise and fire passage significantly. Working depth of 48mm.

