

PRODUCT GUIDE



ENCLOSURES & CONSUMER UNITS
DINRAIL MOUNTED DEVICES
SWITCH GEAR
THREE PHASE 'B' TYPE BOARDS
MCCB PANELBOARDS
SURGE PROTECTION
ENCLOSED PRODUCTS

Welcome

Welcome to our April 2024 Product Guide which highlights some of the vast range of products that can be supplied by Protek Electronics.

We have further expanded the detailed information relating to our products which should help choosing the right product even easier.

The items listed can be found in our April 2024 Alpha Numeric Price List available from our representatives or your local stockists. Copies are also available from Protek upon request.



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Opening an Account - To open a 30 day credit account call our sales office and ask for a credit application form or simply order on a pro-forma basis.

Delivery - Orders placed before 2.00p.m. for standard stock items are normally delivered within 2-3 working days.

Special orders and bespoke requirements may involve a different time-scale but you will be informed of this at the time of order. There maybe certain geographical limitations e.g. Eire, Channel Islands etc. that will also extend delivery times. Please confirm this at the time the order is placed. We can also offer pre - 10.30a.m. or same day delivery service if required. Please ask for details when placing your order.

Free delivery is available on all standard orders over £275 NETT. For all other orders please ask at the time of placing your order for the cost of delivery.

Warranty - Warranty is for twelve months and on are turn to base policy.

Prices - Prices are available on request from our offices in Cannock or online. If you require additional copies of our Product Guide please contact your local representative or our office on the telephone number provided.

Specials - Protek can produce custom made panels and boards to individual requirements but these cannot be returned should they not be required by the end user.

Returns - All returns require prior consent. Should a product fail to meet your expectations please contact us immediately quoting the following information;

1. Delivery note number.
2. Invoice number.
3. Product code or description.
4. Quantity, damage, fault or reason for return.

Protek will provide you with a Returns Note Number and instructions for returning the goods. Please ensure all goods are correctly packaged and are fit for resale.

All shortages, damages and returns must be notified within 5 working days.

Contents

This product guide is built up in easy to navigate sections. The sections are also colour coded and correspond with the associated product price list which is available upon request.

Enclosures and Consumer Units Page

Unpopulated plastic din rail enclosures	6
Unpopulated metal din rail enclosures	6
Large plastic enclosures	6
Large metal enclosures	6
Consumer units with isolator incomers	6
Consumer units with RCD incomers	7
18th Edition high integrity consumer units	7
18th Edition consumer units with isolator and SPD	7
18th Ed. consumer units with Iso. 2xRCD and SPD	7
18th Edition garage and shower units	7

Devices Page

Isolators - 2, 3 and 4 Pole	9
RCD - 2 Pole 30mA / 100mA / 300mA / 500mA	9
RCD - 2 Pole 30mA 110V	9
RCD - 2 Pole 100mA time delay	9
RCD - 2 Pole 30mA Type 'A'	9
RCD - 4 Pole 30mA / 100mA / 300mA / 500mA	10
RCD - 4 Pole 100mA / 300mA / 500mA time delay	10
RCD - 4 Pole 30mA Type 'A'	10
RCD - 2 & 4 Pole 30mA Type 'B'	10
MCB - 1 Pole 10kA 'B' 'C' and 'D' curve	10
MCB - 2 Pole 'C' and 'D' curve	11
MCB - 3 Pole 'C' and 'D' curve	11
MCB - 1, 2 and 3 pole 80A - 125A	11
AFDD - 2 Pole 1 module 'B' curve	11
RCBO - 1 Pole 'B' and 'C' curve	12
SRCBO - 1 Pole 'B' and 'C' curve	12
RCBO - 1 Pole 'B' and 'C' curve Type 'A'	12
SRCBO - 1 Pole 'B' and 'C' curve Type 'A'	13
Contactors - 2 Pole normally open	13
Contactors - 2 Pole normally closed	13
Contactors - 4 Pole normally open	13
Contactors - 4 Pole normally closed	13
MCB Add-on devices, accessories and other devices	14
Fuses - Modular Fuse Links	14
Fuses - BS88 Fuse Links	14

Switch Gear Page

Compact amendment 3 fuse switches	17
Compact enclosed metal rotary isolators	17
Heavy duty enclosed metal rotary isolators	18
Compact enclosed plastic rotary isolators	18
Compact enclosed rotary fused switches	19
Heavy duty enclosed rotary fused switches	19
Heavy duty enclosed rotary switch fuses	20
Heavy duty enclosed rotary changeover switches	20
Rain canopies, busbar chambers and clamps	21

Three Phase 'B' Type Boards Page

125A / 250A TP+N 'B' type boards	23
Isolator incoming kits for TP+N 'B' type boards	24
RCD incoming kits for TP+N 'B' type boards	24
MCB incoming kits for TP+N 'B' type boards	24
MCCB incoming kits for TP+N 'B' type boards	25
CBR incoming kits with ELR for TP+N 'B' type boards	25
80A/100A Outgoing kits for TP+N 'B' type boards	25
Metering kits for TP+N 'B' type boards	26
Cable & accessory boxes for TP+N 'B' type boards	26
Surge protection kits for TP+N 'B' type boards	27

MCCB Panel Boards Page

125A rated MCCB mini panels boards c/w incomer	29
400A rated MCCB panel boards	29
Isolator switch incoming kits for 400A MCCB PB	30
MCCB incoming kits for 400A MCCB PB	30
MCCB incoming kits with ELR for 400A MCCB PB	30
Enclosed MCCB outgoing kits for 400A MCCB PB	31
Surge protection kits for 400A MCCB PB	31
Metering kits for 400A MCCB PB	31
Cable & accessory boxes for 400A MCCB PB	32
800A rated MCCB panel boards	32
Isolator switch incoming kits for 800A MCCB PB	33
MCCB incoming kits for 800A MCCB PB	33
MCCB incoming kits with ELR for 800A MCCB PB	33
Surge protection kits for 800A MCCB PB	34
Metering kits for 800A MCCB PB	34
Accessories for 800A MCCB PB	34
MCCBs to suit Protek panel boards	35

Surge Protection Page

Surge protection devices	37
Enclosed surge protection kits	37

Enclosed Products Page

Enclosed rotary adjustable MCCBs	39
Enclosed adjustable MCCB/CBR with ELR	39
Enclosed automatic changeover units	40
Enclosed contactors	40

THREE PHASE BOARDS

NEW DESIGN!



New Features

- Gland plates are now integral to the frame of the enclosure improving overall stability.
- Enclosure features new folded edges which improve rigidity.
- New lockable, square door and hardwearing smooth paint finish improve product aesthetics.

'B' Type Board Options

- 125A or 250A
4, 6, 8, 12, 16 or 24 three phase ways.
- IP65 Metal or GRP plastic enclosed three phase boards available from stock.
- Power and lighting boards or special configurations are available on request.

A Range of Incomers

- MCB, MCCB, RCD, RCBO3/CBR or switch incomers are available from 63A up to 250A in 3 pole or 4 pole variants.

Wide Variety of Outgoing Devices

- MCB's and Type 'A' RCBO's are available from stock in all popular amperages and curves.

Surge and Metering

- We have Type 1 + 2 or Type 2 internal or external surge protection kits to suit both our 125A and 250A boards. They come with a complete set of fitting instructions and do not take up an outgoing way.
- It is becoming increasingly important to have the ability to monitor both incoming and outgoing energy usage. Protek stock a number of metering solutions for use in conjunction with our three phase 'B' type boards in both kWh and MID.

Cable and Accessory Boxes

- Cable boxes are available from stock to aid installation when using larger cables.
- Accessory boxes come pre-fitted with dinrail and can be fitted on top of the 'B' type board to offer greater flexibility when using devices.

CAN'T SEE WHAT YOU ARE LOOKING FOR?
CALL US TO DISCUSS YOUR REQUIREMENTS!



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ENCLOSURES & CONSUMER UNITS



METAL & PLASTIC DINRAIL ENCLOSURES
LARGE METAL & PLASTIC ENCLOSURES
18th EDITION CONSUMER UNITS
SHOWER & GARAGE UNITS

Din Rail Enclosures

Insulated Plastic IP65 Surface Mounted Enclosures



IP65 plastic enclosures to accommodate 18mm DIN rail mounted devices.

- Top and bottom knock-outs
- Tinted hinged door
- Dinrail included

Product Code	Usable Ways	Dimensions
CL602/4	4	H194xW120xD105
CL608	8	H194xW194xD105
CL612	12	H212xW270xD105
CL618	18	H259xW372xD138
CL624	24 - Double Bank	H384xW274xD138
CL636	36 - Double Bank	H409xW372xD138
CL654	54 - Triple Bank	H559xW372xD138

Metal IP40 Amendment 3 Surface Mounted Enclosures



IP40 Amendment 3 metal enclosures to accommodate 18mm DIN rail mounted devices.

- Knock-outs all sides
- UK made
- Hinged flap
- RAL 9010
- Dinrail included

Product Code	Usable Ways	Dimensions
A3M004	4	H235xW125xD105
A3M006	6	H255xW164xD105
A3M010	10	H255xW230xD110
A3M016	16	H255xW320xD110
A3M020	20	H255xW412xD110
A3M032	32 - Double Bank	H465xW412xD110

Large Plastic & Metal Enclosures

Large Plastic IP65 Surface Mounted Enclosures



IP66 plastic enclosures intended to be used as extension boxes, cable boxes or part of bespoke builds.

- Polycarbonate
- RAL 7035
- Gasket material: Polyurethane
- Ingress Protection (EN 60529): IP66
- Totally insulated
- Mounting plate supplied
- 3mm double bit lock(s) with key

Product Code	Access	Dimensions
PIP5421	Hinged Door	H500xW400xD210
PIP7530	Hinged Door	H700xW500xD300
PIP8630	Hinged Door	H800xW600xD300

Large Metal IP66 Surface Mounted Enclosures



Metal IP66 enclosures intended to be used as extension boxes, cable boxes or part of bespoke builds. Removable gland plates top & bottom.

- Sheet steel (EN 10130 DC01)
Body : 1.2 / 1.5 mm
Door : 1.2 / 1.5 mm
- RAL 7035w powder coating
- Galvanized steel (EN 10346 DX51D+Z)
Mounting plate : 1.5 - 2 mm
- IP66 Rated enclosure (TS 3033 EN 60529)
- Fully welded construction
- Foamed-in door PU sealing gasket
- Solid top and bottom gland plates with PE gasket
- 5 mm Double-bit insert polyamide lock
- **Suitable for outdoor use when used with rain canopy. Please see page 21**

Product Code	Access	Dimensions
MIP3215T	Hinged Door	H300xW200xD150
MIP3320T	Hinged Door	H300xW300xD200
MIP4320T	Hinged Door	H400xW300xD200
MIP4420T	Hinged Door	H400xW400xD200
MIP5320T	Hinged Door	H500xW300xD200
MIP5420T	Hinged Door	H500xW400xD200
MIP5520T	Hinged Door	H500xW500xD200
MIP6420T	Hinged Door	H600xW400xD200
MIP6430T	Hinged Door	H600xW400xD300
MIP6630T	Hinged Door	H600xW600xD300
MIP7520T	Hinged Door	H700xW500xD200
MIP7530T	Hinged Door	H700xW500xD300
MIP8630T	Hinged Door	H800xW600xD300
MIP10630T	Hinged Door	H1000xW600xD300
MIP10840T	Hinged Door	H1000xW800xD400
MIP12630T	Hinged Door	H1200xW600xD300
MIP12840T	Hinged Door	H1200xW800xD400

Consumer Units With Isolator Incomers

Metal IP40 18th Edition Surface Mounted Consumer Units With 100A Isolators Fitted



Metal IP40 18th edition consumer units for use in commercial or domestic installations. Accepts all Protek devices.

- Busbar rated at 100A
- 100A 2 pole isolator incomer
- Assorted knock-outs
- Hinged flap ■ RAL9010
- Factory pre-wired and built in the UK

Product Code	Usable Ways	Dimensions
A3MIS-002	2	H235xW125xD105
A3MIS-004	4	H255xW164xD105
A3MIS-008	8	H255xW230xD110
A3MIS-014	14	H255xW320xD110
A3MIS-018	18	H255xW412xD110
A3MIS-029	29 - Double Bank	H465xW412xD110

Insulated IP65 Plastic Surface Mounted Consumer Units With 100A Isolators Fitted



Insulated IP65 plastic consumer units for use in industrial/commercial installations. ABS construction. Accepts all Protek devices.

- Busbar rated at 100A
- 100A 2 pole isolator incomer
- Assorted knock-outs
- Tinted hinged door ■ Grey body
- Factory pre-wired and built in the UK

Product Code	Usable Ways	Dimensions
PIS-004IP	4	H194xW194xD105
PIS-006IP	6	H194xW194xD105
PIS-010IP	10	H212xW270xD105
PIS-016IP	16	H259xW372xD138
PIS-021IP	21 - Double Bank	H384xW274xD138
PIS-033IP	33 - Double Bank	H409xW372xD138
PIS-050IP	50 - Triple Bank	H559xW372xD138

Consumer Units With RCD Incomers

Metal IP40 18th Edition Surface Mounted Consumer Units With 63A 30mA RCD Incomers Fitted

Metal IP40 18th edition consumer units for use in commercial or domestic installations. Accepts all Protek modular devices.

- Busbar rated at 100A
- 63A 30mA RCD incomer
- Assorted knock-outs
- Hinged flap ■ RAL9010
- Factory pre-wired and built in the UK



Product Code	Usable Ways	Dimensions
A3M63/30-004	4	H255xW164xD105
A3M63/30-008	8	H255xW230xD110
A3M63/30-014	14	H255xW320xD110
A3M63/30-018	18	H255xW412xD110
A3M63/30-029	29 - Double Bank	H465xW412xD110

Insulated IP65 Plastic Surface Mounted Consumer Units With 63A 30mA RCD Incomers Fitted

Insulated IP65 plastic consumer units for use in industrial or commercial installations. ABS construction. Accepts all Protek devices.

- Busbar rated at 100A
- 63A 30mA RCD incomer
- Assorted knock-outs
- Tinted hinged door ■ Grey body
- Factory pre-wired and built in the UK



Product Code	Usable Ways	Dimensions
P63/30-004IP	4	H194xW194xD105
P63/30-006IP	6	H194xW194xD105
P63/30-010IP	10	H212xW270xD105
P63/30-016IP	16	H259xW372xD138
P63/30-021IP	21 - Double Bank	H384xW274xD138

18th Ed. Flexible/High-Integrity Consumer Units

Metal IP40 18th Edition Consumer Units Complete with 1 x 100A Isolator and 2 x 63A 30mA Type 'A' RCDs Fitted

Metal IP40 18th edition consumer units for use in residential/commercial installations. Fitted RCDs are Type 'A'.

- Busbar rated at 100A
- 100A 2P Iso. 2 x 63A 30mA Type 'A' RCDs
- Assorted knock-outs
- Hinged flap ■ RAL9010
- Factory pre-wired and built in the UK



Product Code	Usable Ways	Dimensions
A3M18/10-63/A	10 - Flexible	H255xW320xD110
A3M18/14-63/A	14 - Flexible	H255xW412xD110
A3M18/26-63/A	26 - 12+14 D.Bank	H465xW412xD110

Also available with 80A or 100A 'A' Type RCDs

18th Ed. Consumer Units With Isolator & Surge

Metal IP40 18th Edition Consumer Units Complete with 1 x 100A Isolator and a Protek Type 2 SPD Fitted

Metal IP40 18th edition consumer units for use in residential or commercial installations. Accepts all Protek devices.

- Busbar rated at 100A
- 100A 2P Iso. + Protek T2 SPD + MCB
- Assorted knock-outs ■ Hinged flap
- RAL9010
- Factory pre-wired and built in the UK



Product Code	Usable Ways	Dimensions
AM18IS-005SP	5	H255xW230xD110
AM18IS-011SP	11	H255xW320xD110
AM18IS-015SP	15	H255xW412xD110
AM18IS-027SP	27 - Double Bank	H465xW412xD110

Metal IP40 18th Ed. Consumer Units Complete with 1 x 100A Isolator and a Mersen Type 2 SPD Fitted

Metal IP40 18th edition consumer units for use in residential or commercial installations. Accepts all Protek devices.

- Busbar Rated at 100A
- 100A 2P Iso. + Mersen T2 SPD + MCB
- Assorted knock-outs ■ Hinged flap
- RAL9010
- Factory pre-wired and built in the UK



Product Code	Usable Ways	Dimensions
AM18IS-006ST	6	H255xW230xD110
AM18IS-012ST	12	H255xW320xD110
AM18IS-016ST	16	H255xW412xD110
AM18IS-028ST	28 - Double Bank	H465xW412xD110

18th Edition Flexible/High-Integrity Consumer Units with Surge Protection Factory Fitted

Metal IP40 18th Ed. Consumer Units C/W 1 x 100A Isolator 2 x 63A 30mA Type A RCDs and Protek Type 2 SPD Fitted

Metal IP40 18th edition consumer units for use in residential or commercial installations. Accepts all Protek devices.

- Busbar rated at 100A
- 100A 2P Iso. 2 x 63A 30mA RCDs T2 SPD
- Assorted knock-outs ■ Hinged flap
- RAL9010
- Factory Pre-wired and built in the UK



Product Code	Usable Ways	Dimensions
AM18/7-63A/SP	7	H255xW320xD110
AM18/11-63A/SP	11	H255xW412xD110
AM18/23-63A/SP	23 - Double Bank	H465xW412xD110

Metal IP40 18th Ed. Consumer Units C/W 1 x 100A Isolator 2 x 63A 30mA Type A RCDs and Mersen Type 2 SPD Fitted

Metal IP40 18th edition consumer units for use in residential or commercial installations. Accepts all Protek devices.

- Busbar Rated at 100A
- 100A 2P Iso. 2 x 63A 30mA RCDs T2 SPD
- Assorted knock-outs ■ Hinged flap
- RAL9010
- Factory pre-wired and built in the UK



Product Code	Usable Ways	Dimensions
AM18/8-63A/ST	8	H255xW320xD110
AM18/12-63A/ST	12	H255xW412xD110
AM18/24-63A/ST	24 - Double Bank	H465xW412xD110

Garage and Shower Units

Surface Mounted Garage and Shower Units

Shower and garage units ideal for use in residential installations where only one or two circuits are required.

SC supplied with 1 MCB.
DC supplied with 2 MCBs.

- Busbar Rated at 100A
- 2 Pole Isolator or RCD Incomer
- Metal IP40 / Plastic IP65
- Hinged flap
- Factory pre-wired and built in the UK



Product Code	Ways	Material	Incomer	Dimensions
A3MSC100	1	Metal	100A Isolator	H235xW125xD105
A3MSC63RCD	1	Metal	63A 30mA RCD	H235xW125xD105
A3MSC100RCD	1	Metal	100A 30mA RCD	H235xW125xD105
A3MDC100	2	Metal	100A Isolator	H235xW125xD105
A3MDC63RCD	2	Metal	63A 30mA RCD	H235xW125xD105
A3MDC100RCD	2	Metal	100A 30mA RCD	H235xW125xD105
DC40RCDIP65	2	Plastic	40A 30mA RCD	H194xW120xD105

Also available with 80A or 100A 'A' Type RCDs

DEVICES



ISOLATORS
RCDS
MCBS
RCBOS & SRCBOS
CONTACTORS
AFDDS
FUSES

Isolators - 2 Pole

Isolators - 2 Pole - 63A-100A

2 pole Isolators for use with 35mm DIN rail.

- Current type - AC
- 2 Pole ■ Rated voltage - 230V
- 63A-100A - Screw terminal clamp



Product Code	Amp	Pole	Mod	Max Cable
ISS-63/2	63A	2 Pole	2 Mod	35mm
ISS-100/2	100A	2 Pole	2 Mod	35mm

Isolators - 3 Pole

Isolators - 3 Pole - 63A-250A

3 pole Isolators for use with 35mm DIN rail.

- Current type - AC
- 3 Pole ■ Rated voltage - 400V
- 63A-125A - Screw terminal clamp
- 160A-250A - Lug style connection
20mm palm width 8mm bolt



Product Code	Amp	Pole	Mod	Max Cable	Bolt Size
ISS-63/3	63A	3 Pole	3 Mod	50mm	N/A
ISS-100/3	100A	3 Pole	3 Mod	50mm	N/A
ISS-125/3	125A	3 Pole	3 Mod	50mm	N/A
ISS-160/3	160A	3 Pole	4.5 Mod	N/A	8mm
ISS-200/3	200A	3 Pole	4.5 Mod	N/A	8mm
ISS-250/3	250A	3 Pole	4.5 Mod	N/A	8mm

Isolators - 4 Pole

Isolators - 4 Pole - 63A-250A

4 pole Isolators for use with 35mm DIN rail.

- Current type - AC
- 4 Pole ■ Rated voltage - 400V
- 63A-125A - Screw terminal clamp
- 160A-250A - Lug style connection
20mm palm width 8mm bolt



Product Code	Amp	Pole	Mod	Max Cable	Bolt Size
ISS-63/4	63A	4 Pole	4 Mod	50mm	N/A
ISS-100/4	100A	4 Pole	4 Mod	50mm	N/A
ISS-125/4	125A	4 Pole	4 Mod	50mm	N/A
ISS-160/4	160A	4 Pole	6 Mod	N/A	8mm
ISS-200/4	200A	4 Pole	6 Mod	N/A	8mm
ISS-250/4	250A	4 Pole	6 Mod	N/A	8mm



RCDs - 2 Pole

RCDs - 2 Pole - 30mA / 100mA / 300mA / 500mA

2 pole 2 module 30mA / 100mA / 300mA and 500mA RCDs for use with 35mm DIN rail. Compatible with all Protek enclosures.

- Current type - AC
- 2 Pole ■ Rated voltage - 230V
- Screw terminal clamp
- Positive contact indication



Product Code	Amp	mA	Pole	Mod	Max Cable (mm)
T25-30-2	25A	30mA	2 Pole	2 Mod	25 Strand/35 Solid
T40-30-2	40A	30mA	2 Pole	2 Mod	25 Strand/35 Solid
T63-30-2	63A	30mA	2 Pole	2 Mod	25 Strand/35 Solid
T80-30-2	80A	30mA	2 Pole	2 Mod	25 Strand/35 Solid
T100-30-2	100A	30mA	2 Pole	2 Mod	25 Strand/35 Solid
T63-100-2	63A	100mA	2 Pole	2 Mod	25 Strand/35 Solid
T100-100-2	100A	100mA	2 Pole	2 Mod	25 Strand/35 Solid
T63-300-2	63A	300mA	2 Pole	2 Mod	25 Strand/35 Solid
T100-300-2	100A	300mA	2 Pole	2 Mod	25 Strand/35 Solid
T100-500-2	100A	500mA	2 Pole	2 Mod	25 Strand/35 Solid

RCDs - 2 Pole - 30mA - 110V

2 pole 2 module 30mA Trip 110V RCDs for use with 35mm DIN rail. Compatible with all Protek enclosures.

- Current type - AC
- 2 Pole ■ Rated voltage - 110V
- Screw terminal clamp
- Positive contact indication



Product Code	Amp	mA	Pole	Mod	Max Cable (mm)
T25-30-2/110V	25A	30mA	2 Pole	2 Mod	25 Strand/35 Solid
T40-30-2/110V	40A	30mA	2 Pole	2 Mod	25 Strand/35 Solid
T63-30-2/110V	63A	30mA	2 Pole	2 Mod	25 Strand/35 Solid
T80-30-2/110V	80A	30mA	2 Pole	2 Mod	25 Strand/35 Solid
T100-30-2/110V	100A	30mA	2 Pole	2 Mod	25 Strand/35 Solid

RCDs - 2 Pole - 100mA Time Delay (Si)

2 pole 2 module 100mA time delay (Si) RCDs for use with 35mm DIN rail. Compatible with all Protek enclosures.

- Current type - AC
- 2 Pole ■ Rated voltage - 230V
- Screw terminal clamp
- Positive contact indication
- Time delay (Si)



Product Code	Amp	mA	Pole	Mod	Max Cable (mm)
T63-100-2TD	63A	100mA	2 Pole	2 Mod	25 Strand/35 Solid
T100-100-2TD	100A	100mA	2 Pole	2 Mod	25 Strand/35 Solid

RCDs - 2 Pole - 30mA - Type 'A'

2 pole 2 module 30mA Trip Type 'A' RCDs for use with 35mm DIN rail. Compatible with all Protek enclosures.

- Current type - 'A'
- 2 Pole ■ Rated voltage - 230V
- Screw terminal clamp
- Positive contact indication



Product Code	Amp	mA	Pole	Mod	Max Cable (mm)
T25-30-2/A	25A	30mA	2 Pole	2 Mod	25 Strand/35 Solid
T40-30-2/A	40A	30mA	2 Pole	2 Mod	25 Strand/35 Solid
T63-30-2/A	63A	30mA	2 Pole	2 Mod	25 Strand/35 Solid
T80-30-2/A	80A	30mA	2 Pole	2 Mod	25 Strand/35 Solid
T100-30-2/A	100A	30mA	2 Pole	2 Mod	25 Strand/35 Solid

RCDs - 4 Pole

RCDs - 4 Pole - 30mA / 100mA / 300mA / 500mA



4 pole 4 module 30mA / 100mA / 300mA and 500mA RCDs for use with 35mm DIN rail. Compatible with all Protek enclosures.

- Current type - AC
- 4 Pole ■ Rated voltage - 400V
- Screw terminal clamp
- Positive contact indication

Product Code	Amp	mA	Pole	Mod	Max Cable (mm)
25-30-4	25A	30mA	4 Pole	4 Mod	25 Strand/35 Solid
40-30-4	40A	30mA	4 Pole	4 Mod	25 Strand/35 Solid
63-30-4	63A	30mA	4 Pole	4 Mod	25 Strand/35 Solid
80-30-4	80A	30mA	4 Pole	4 Mod	25 Strand/35 Solid
100-30-4	100A	30mA	4 Pole	4 Mod	25 Strand/35 Solid
63-100-4	63A	100mA	4 Pole	4 Mod	25 Strand/35 Solid
100-100-4	100A	100mA	4 Pole	4 Mod	25 Strand/35 Solid
63-300-4	63A	300mA	4 Pole	4 Mod	25 Strand/35 Solid
100-300-4	100A	300mA	4 Pole	4 Mod	25 Strand/35 Solid
100-500-4	100A	500mA	4 Pole	4 Mod	25 Strand/35 Solid

RCDs - 4 Pole - 100mA / 300mA / 500mA Time Delay (Si)



4 pole 4 module 100mA, 300mA or 500mA time delay (Si) RCDs for use with 35mm DIN rail. Compatible with all Protek enclosures.

- Current type - AC
- 4 Pole ■ Rated voltage - 400V
- Screw terminal clamp
- Positive contact indication
- Time delay (Si)

Product Code	Amp	mA	Pole	Mod	Max Cable (mm)
100-100-4TD	100A	100mA	4 Pole	4 Mod	25 Strand/35 Solid
100-300-4TD	100A	300mA	4 Pole	4 Mod	25 Strand/35 Solid
100-500-4TD	100A	500mA	4 Pole	4 Mod	25 Strand/35 Solid

RCDs - 4 Pole - 30mA - Type 'A'



4 pole 4 module 30mA Trip Type 'A' RCDs for use with 35mm DIN rail. Compatible with all Protek enclosures.

- Current type - 'A'
- 4 Pole ■ Rated voltage - 400V
- Screw terminal clamp

Product Code	Amp	mA	Pole	Mod	Max Cable (mm)
25-30-4/A	25A	30mA	4 Pole	4 Mod	25 Strand/35 Solid
40-30-4/A	40A	30mA	4 Pole	4 Mod	25 Strand/35 Solid
63-30-4/A	63A	30mA	4 Pole	4 Mod	25 Strand/35 Solid
80-30-4/A	80A	30mA	4 Pole	4 Mod	25 Strand/35 Solid
100-30-4/A	100A	30mA	4 Pole	4 Mod	25 Strand/35 Solid

RCDs - 'B' Type

RCDs - 2 Pole / 4 Pole - 30mA - Type 'B'



2 pole or 4 pole 4 module 30mA Trip Type 'B' RCDs for use with 35mm DIN rail. Compatible with all Protek enclosures.

- Current type - 'A' ■ EV Ready
- 2 Pole ■ Rated voltage - 230V
- 4 Pole ■ Rated voltage - 400V
- Screw terminal clamp
- Positive contact indication

Product Code	Amp	mA	Pole	Mod	Max Cable (mm)
T63-30-2/B	63A	30mA	2 Pole	4 Mod	25 Strand/35 Solid
63-30-4/B	63A	30mA	4 Pole	4 Mod	25 Strand/35 Solid

MCBs - 1 Pole 1 Module 10kA

MCBs - 1 Pole 1 Module 'B' Curve 10kA



1 pole 'B' curve 10kA MCBs designed to fit all current Protek enclosures, consumer units and 'A' and 'B' boards.

- Voltage - 230V AC
- 1 Pole 1 Module 'B' Curve 10kA
- Accepts cables up to 25mm²
- Screw terminal clamp
- Positive trip indication

Product Code	Amp	Pole	Mod	Curve	kA
HDMCB-1B01	1A	1 Pole	1 Mod	'B' Curve	10kA
HDMCB-1B02	2A	1 Pole	1 Mod	'B' Curve	10kA
HDMCB-1B03	3A	1 Pole	1 Mod	'B' Curve	10kA
HDMCB-1B04	4A	1 Pole	1 Mod	'B' Curve	10kA
HDMCB-1B06	6A	1 Pole	1 Mod	'B' Curve	10kA
HDMCB-1B10	10A	1 Pole	1 Mod	'B' Curve	10kA
HDMCB-1B16	16A	1 Pole	1 Mod	'B' Curve	10kA
HDMCB-1B20	20A	1 Pole	1 Mod	'B' Curve	10kA
HDMCB-1B25	25A	1 Pole	1 Mod	'B' Curve	10kA
HDMCB-1B32	32A	1 Pole	1 Mod	'B' Curve	10kA
HDMCB-1B40	40A	1 Pole	1 Mod	'B' Curve	10kA
HDMCB-1B50	50A	1 Pole	1 Mod	'B' Curve	10kA
HDMCB-1B63	63A	1 Pole	1 Mod	'B' Curve	10kA

MCBs - 1 Pole 1 Module 'C' Curve 10kA



1 pole 'C' curve 10kA MCBs designed to fit all current Protek enclosures, consumer units and 'A' and 'B' boards.

- Voltage - 230V AC
- 1 Pole 1 Module 'C' Curve 10kA
- Accepts cables up to 25mm²
- Screw terminal clamp
- Positive trip indication

Product Code	Amp	Pole	Mod	Curve	kA
HDMCB-1C01	1A	1 Pole	1 Mod	'C' Curve	10kA
HDMCB-1C02	2A	1 Pole	1 Mod	'C' Curve	10kA
HDMCB-1C03	3A	1 Pole	1 Mod	'C' Curve	10kA
HDMCB-1C04	4A	1 Pole	1 Mod	'C' Curve	10kA
HDMCB-1C06	6A	1 Pole	1 Mod	'C' Curve	10kA
HDMCB-1C10	10A	1 Pole	1 Mod	'C' Curve	10kA
HDMCB-1C16	16A	1 Pole	1 Mod	'C' Curve	10kA
HDMCB-1C20	20A	1 Pole	1 Mod	'C' Curve	10kA
HDMCB-1C25	25A	1 Pole	1 Mod	'C' Curve	10kA
HDMCB-1C32	32A	1 Pole	1 Mod	'C' Curve	10kA
HDMCB-1C40	40A	1 Pole	1 Mod	'C' Curve	10kA
HDMCB-1C50	50A	1 Pole	1 Mod	'C' Curve	10kA
HDMCB-1C63	63A	1 Pole	1 Mod	'C' Curve	10kA

MCBs - 1 Pole 1 Module 'D' Curve 10kA



1 pole 'D' curve 10kA MCBs designed to fit all current Protek enclosures, consumer units and 'A' and 'B' boards.

- Voltage - 230V AC
- 1 Pole 1 Module 'D' Curve 10kA
- Accepts cables up to 25mm²
- Screw terminal clamp
- Positive trip indication

Product Code	Amp	Pole	Mod	Curve	kA
HDMCB-1D06	6A	1 Pole	1 Mod	'D' Curve	10kA
HDMCB-1D10	10A	1 Pole	1 Mod	'D' Curve	10kA
HDMCB-1D16	16A	1 Pole	1 Mod	'D' Curve	10kA
HDMCB-1D20	20A	1 Pole	1 Mod	'D' Curve	10kA
HDMCB-1D25	25A	1 Pole	1 Mod	'D' Curve	10kA
HDMCB-1D32	32A	1 Pole	1 Mod	'D' Curve	10kA
HDMCB-1D40	40A	1 Pole	1 Mod	'D' Curve	10kA
HDMCB-1D50	50A	1 Pole	1 Mod	'D' Curve	10kA
HDMCB-1D63	63A	1 Pole	1 Mod	'D' Curve	10kA

MCBs - 2 Pole 2 Module 10kA

MCBs - 2 Pole 2 Module 'C' Curve 10kA

2 pole 'C' curve 10kA MCBs designed to fit all current Protek enclosures, consumer units and 'A' and 'B' boards.

- Voltage - 230V AC
- 2 Pole 2 Module 'C' Curve 10kA
- Accepts Cables Up to 25mm²
- Screw terminal clamp
- Positive Trip Indication



Product Code	Amp	Pole	Mod	Curve	kA
HDMCB-2C06	6A	2 Pole	2 Mod	'C' Curve	10kA
HDMCB-2C10	10A	2 Pole	2 Mod	'C' Curve	10kA
HDMCB-2C16	16A	2 Pole	2 Mod	'C' Curve	10kA
HDMCB-2C20	20A	2 Pole	2 Mod	'C' Curve	10kA
HDMCB-2C25	25A	2 Pole	2 Mod	'C' Curve	10kA
HDMCB-2C32	32A	2 Pole	2 Mod	'C' Curve	10kA
HDMCB-2C40	40A	2 Pole	2 Mod	'C' Curve	10kA
HDMCB-2C50	50A	2 Pole	2 Mod	'C' Curve	10kA
HDMCB-2C63	63A	2 Pole	2 Mod	'C' Curve	10kA

MCBs - 2 Pole 2 Module 'D' Curve 10kA

2 pole 'D' curve 10kA MCBs designed to fit all current Protek enclosures, consumer units and 'A' and 'B' boards.

- Voltage - 230V AC
- 2 Pole 2 Module 'D' Curve 10kA
- Accepts Cables Up to 25mm²
- Screw terminal clamp
- Positive Trip Indication



Product Code	Amp	Pole	Mod	Curve	kA
HDMCB-2D06	6A	2 Pole	2 Mod	'D' Curve	10kA
HDMCB-2D10	10A	2 Pole	2 Mod	'D' Curve	10kA
HDMCB-2D16	16A	2 Pole	2 Mod	'D' Curve	10kA
HDMCB-2D20	20A	2 Pole	2 Mod	'D' Curve	10kA
HDMCB-2D25	25A	2 Pole	2 Mod	'D' Curve	10kA
HDMCB-2D32	32A	2 Pole	2 Mod	'D' Curve	10kA
HDMCB-2D40	40A	2 Pole	2 Mod	'D' Curve	10kA
HDMCB-2D50	50A	2 Pole	2 Mod	'D' Curve	10kA
HDMCB-2D63	63A	2 Pole	2 Mod	'D' Curve	10kA

MCBs - 3 Pole 3 Module 10kA

MCBs - 3 Pole 3 Module 'C' Curve 10kA

3 pole 'C' curve 10kA MCBs designed to fit all current Protek enclosures, consumer units and 'A' and 'B' boards.

- Voltage - 400V AC
- 3 Pole 3 Module 'C' Curve 10kA
- Accepts cables up to 25mm²
- Screw terminal clamp
- Positive trip indication



Product Code	Amp	Pole	Mod	Curve	kA
HDMCB-3C06	6A	3 Pole	3 Mod	'C' Curve	10kA
HDMCB-3C10	10A	3 Pole	3 Mod	'C' Curve	10kA
HDMCB-3C16	16A	3 Pole	3 Mod	'C' Curve	10kA
HDMCB-3C20	20A	3 Pole	3 Mod	'C' Curve	10kA
HDMCB-3C25	25A	3 Pole	3 Mod	'C' Curve	10kA
HDMCB-3C32	32A	3 Pole	3 Mod	'C' Curve	10kA
HDMCB-3C40	40A	3 Pole	3 Mod	'C' Curve	10kA
HDMCB-3C50	50A	3 Pole	3 Mod	'C' Curve	10kA
HDMCB-3C63	63A	3 Pole	3 Mod	'C' Curve	10kA

MCBs - 3 Pole 3 Module 'D' Curve 10kA

3 pole 'D' curve 10kA MCBs designed to fit all current Protek enclosures, consumer units and 'A' and 'B' boards.

- Voltage - 400V AC
- 3 Pole 3 Module 'D' Curve 10kA
- Accepts cables up to 25mm²
- Screw terminal clamp
- Positive trip indication



Product Code	Amp	Pole	Mod	Curve	kA
HDMCB-3D06	6A	3 Pole	3 Mod	'D' Curve	10kA
HDMCB-3D10	10A	3 Pole	3 Mod	'D' Curve	10kA
HDMCB-3D16	16A	3 Pole	3 Mod	'D' Curve	10kA
HDMCB-3D20	20A	3 Pole	3 Mod	'D' Curve	10kA
HDMCB-3D25	25A	3 Pole	3 Mod	'D' Curve	10kA
HDMCB-3D32	32A	3 Pole	3 Mod	'D' Curve	10kA
HDMCB-3D40	40A	3 Pole	3 Mod	'D' Curve	10kA
HDMCB-3D50	50A	3 Pole	3 Mod	'D' Curve	10kA
HDMCB-3D63	63A	3 Pole	3 Mod	'D' Curve	10kA

MCBs - 80A-125A 1 Pole / 2 Pole / 3 Pole

MCBs - 80A-125A 1 Pole / 2 Pole / 3 Pole

10kA MCBs designed to be used with 35mm din rail. Increased module size should be considered when selecting enclosures.

- Voltage - 400V AC
- Accepts cables up to 25mm²
- Screw terminal clamp
- Positive trip indication



Product Code	Amp	Pole	Mod	Curve	kA
MCB-180/2C	80A	1 Pole	1.5	'C' Curve	10kA
MCB-1100/2C	100A	1 Pole	1.5	'C' Curve	10kA
MCB-280/2C	80A	2 Pole	3	'C' Curve	10kA
MCB-2100/2C	100A	2 Pole	3	'C' Curve	10kA
MCB-380/2C	80A	3 Pole	4.5	'C' Curve	10kA
MCB-3100/2C	100A	3 Pole	4.5	'C' Curve	10kA
MCB-3125/2C	125A	3 Pole	4.5	'C' Curve	10kA

AFDDs - 2 Pole 1 Module 30mA 6kA Type A

AFDDs - 2 Pole 1 Module 30mA 'B' Curve 6kA Type A

2 pole 1 module 30mA 'B' curve 6kA Type A AFDDs designed to fit Protek enclosures, consumer units and 'A' and 'B' boards.

- Voltage - 230V
- Type 'A'
- 2 Pole 1 Module 30mA 'B' Curve 6kA
- Arc fault protection
- Overload protection
- Short-circuit protection
- Earth-leakage protection
- Max cables IN 25mm² / OUT 10mm²
- Screw terminal clamp
- Positive trip indication



Product Code	Amp	mA	Pole	Mod	Curve	kA
AFDD2-30/B06	6A	30 mA	2 Pole	1 Mod	'B' Curve	6kA
AFDD2-30/B10	10A	30 mA	2 Pole	1 Mod	'B' Curve	6kA
AFDD2-30/B16	16A	30 mA	2 Pole	1 Mod	'B' Curve	6kA
AFDD2-30/B20	20A	30 mA	2 Pole	1 Mod	'B' Curve	6kA
AFDD2-30/B25	25A	30 mA	2 Pole	1 Mod	'B' Curve	6kA
AFDD2-30/B32	32A	30 mA	2 Pole	1 Mod	'B' Curve	6kA
AFDD2-30/B40	40A	30 mA	2 Pole	1 Mod	'B' Curve	6kA

RCBOs - 1 Pole 1 Module 30mA 10kA

RCBOs - 1 Pole 1 Module 30mA 'B' Curve 10kA



1 pole 1 module 30mA 'B' curve 10kA RCBOs designed to fit all current Protek enclosures, consumer units and 'A' and 'B' boards.

- Voltage - 230V AC
- 1 Pole 1 Module 30mA 'B' Curve 10kA
- Accepts cables up to 25mm²
- Screw terminal clamp
- Positive trip Indication

Product Code	Amp	mA	Pole	Mod	Curve	kA
RCBO1-30/B06	6A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
RCBO1-30/B10	10A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
RCBO1-30/B16	16A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
RCBO1-30/B20	20A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
RCBO1-30/B25	25A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
RCBO1-30/B32	32A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
RCBO1-30/B40	40A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
RCBO1-30/B45	45A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
RCBO1-30/B50	50A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
RCBO1-30/B63	63A	30 mA	1 Pole	1 Mod	'B' Curve	10kA

RCBOs - 1 Pole 1 Module 30mA 'C' Curve 10kA



1 pole 1 module 30mA 'C' curve 10kA RCBOs designed to fit all current Protek enclosures, consumer units and 'A' and 'B' boards.

- Voltage - 230V AC
- 1 Pole 1 Module 30mA 'C' Curve 10kA
- Accepts cables up to 25mm²
- Screw terminal clamp
- Positive trip indication

Product Code	Amp	mA	Pole	Mod	Curve	kA
RCBO1-30/C06	6A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
RCBO1-30/C10	10A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
RCBO1-30/C16	16A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
RCBO1-30/C20	20A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
RCBO1-30/C25	25A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
RCBO1-30/C32	32A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
RCBO1-30/C40	40A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
RCBO1-30/C45	45A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
RCBO1-30/C50	50A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
RCBO1-30/C63	63A	30 mA	1 Pole	1 Mod	'C' Curve	10kA

SRCBOs - 1 Pole 1 Module 30mA 10kA

SRCBOs - 1 Pole 1 Module 30mA 'B' Curve 10kA



SpaceSaver 1 pole 1 module 30mA 'B' curve 10kA SRCBOs designed to fit current Protek enclosures, consumer units and 'A' and 'B' boards. Smaller size increases cabling space.

- Voltage - 230V AC
- 1 Pole 1 Module 30mA 'B' Curve 10kA
- Max cables IN 25mm² / OUT 10mm²
- Screw terminal clamp
- Positive trip indication

Product Code	Amp	mA	Pole	Mod	Curve	kA
SRCBO1-30/B06	6A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
SRCBO1-30/B10	10A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
SRCBO1-30/B16	16A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
SRCBO1-30/B20	20A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
SRCBO1-30/B25	25A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
SRCBO1-30/B32	32A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
SRCBO1-30/B40	40A	30 mA	1 Pole	1 Mod	'B' Curve	10kA

SRCBOs - 1 Pole 1 Module 30mA 'C' Curve 10kA



SpaceSaver 1 pole 1 module 30mA 'C' curve 10kA SRCBOs designed to fit current Protek enclosures, consumer units and 'A' and 'B' boards. Smaller size increases cabling space.

- Voltage - 230V AC
- 1 Pole 1 Module 30mA 'C' Curve 10kA
- Max cables IN 25mm² / OUT 10mm²
- Screw terminal clamp
- Positive trip indication

Product Code	Amp	mA	Pole	Mod	Curve	kA
SRCBO1-30/C06	6A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
SRCBO1-30/C10	10A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
SRCBO1-30/C16	16A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
SRCBO1-30/C20	20A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
SRCBO1-30/C25	25A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
SRCBO1-30/C32	32A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
SRCBO1-30/C40	40A	30 mA	1 Pole	1 Mod	'C' Curve	10kA

RCBOs - 1 Pole 1 Module 30mA 10kA - Type 'A'



1 pole 1 module 30mA 'B' curve 10kA Type 'A' RCBOs designed to fit all current Protek enclosures, consumer units and 'A' and 'B' boards.

- Voltage - 230V AC
- Type 'A'
- 1 Pole 1 Module 30mA 'B' Curve 10kA
- Accepts cables up to 25mm²
- Screw terminal clamp
- Positive trip indication

Product Code	Amp	mA	Pole	Mod	Curve	kA
RCBO1-30/B06/A	6A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
RCBO1-30/B10/A	10A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
RCBO1-30/B16/A	16A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
RCBO1-30/B20/A	20A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
RCBO1-30/B25/A	25A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
RCBO1-30/B32/A	32A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
RCBO1-30/B40/A	40A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
RCBO1-30/B45/A	45A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
RCBO1-30/B50/A	50A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
RCBO1-30/B63/A	63A	30 mA	1 Pole	1 Mod	'B' Curve	10kA

RCBOs - 1 Pole 1 Module 30mA 'C' Curve 10kA - Type 'A'



1 pole 1 module 30mA 'C' curve 10kA Type 'A' RCBOs designed to fit all current Protek enclosures, consumer units and 'A' and 'B' boards.

- Voltage - 230V AC
- Type 'A'
- 1 Pole 1 Module 30mA 'C' Curve 10kA
- Accepts cables up to 25mm²
- Screw terminal clamp
- Positive trip indication

Product Code	Amp	mA	Pole	Mod	Curve	kA
RCBO1-30/C06/A	6A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
RCBO1-30/C10/A	10A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
RCBO1-30/C16/A	16A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
RCBO1-30/C20/A	20A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
RCBO1-30/C25/A	25A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
RCBO1-30/C32/A	32A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
RCBO1-30/C40/A	40A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
RCBO1-30/C45/A	45A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
RCBO1-30/C50/A	50A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
RCBO1-30/C63/A	63A	30 mA	1 Pole	1 Mod	'C' Curve	10kA

SRCBOs - Pole 1 Module 30mA 10kA - Type 'A'

SRCBOs - 1 Pole 1 Module 30mA 'B' Curve 10kA - Type 'A'

SpaceSaver 1 pole 1 module 30mA 'B' curve 10kA Type 'A' SRCBOs designed to fit Protek enclosures, consumer units and 'A' and 'B' boards. Smaller size increases cabling space.

- Voltage - 230V AC
- Type 'A'
- 1 Pole 1 Module 30mA 'B' Curve 10kA
- Max cables IN 25mm² / OUT 10mm²
- Screw terminal clamp
- Positive trip indication



Product Code	Amp	mA	Pole	Mod	Curve	kA
SRCBO1-30/B06/A	6A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
SRCBO1-30/B10/A	10A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
SRCBO1-30/B16/A	16A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
SRCBO1-30/B20/A	20A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
SRCBO1-30/B25/A	25A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
SRCBO1-30/B32/A	32A	30 mA	1 Pole	1 Mod	'B' Curve	10kA
SRCBO1-30/B40/A	40A	30 mA	1 Pole	1 Mod	'B' Curve	10kA

SRCBOs - 1 Pole 1 Module 30mA 'C' Curve 10kA - Type 'A'

SpaceSaver 1 pole 1 module 30mA 'C' curve 10kA Type 'A' SRCBOs designed to fit Protek enclosures, consumer units and 'A' and 'B' boards. Smaller size increases cabling space.

- Voltage - 230V AC
- Type 'A'
- 1 Pole 1 Module 30mA 'C' Curve 10kA
- Max cables IN 25mm² / OUT 10mm²
- Screw terminal clamp
- Positive trip indication



Product Code	Amp	mA	Pole	Mod	Curve	kA
SRCBO1-30/C06/A	6A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
SRCBO1-30/C10/A	10A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
SRCBO1-30/C16/A	16A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
SRCBO1-30/C20/A	20A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
SRCBO1-30/C25/A	25A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
SRCBO1-30/C32/A	32A	30 mA	1 Pole	1 Mod	'C' Curve	10kA
SRCBO1-30/C40/A	40A	30 mA	1 Pole	1 Mod	'C' Curve	10kA

Contactors - 2 Pole - Din Rail Mounting

Contactors - 2 Pole - Normally Open

2 pole 230V normally open contactors designed to fit all current Protek enclosures, consumer units and 'A' and 'B' boards.

- Voltage - 230V AC
- 2 Pole normally open
- Screw terminal clamp
- Positive trip indication



Product Code	Amp	Pole	Mod	Type
LNC1-20-NO/2	20A	2 Pole	1 Mod	Normally Open
LNC1-40-NO/2	40A	2 Pole	2 Mod	Normally Open
LNC1-63-NO/2	63A	2 Pole	2 Mod	Normally Open
LNC1-100-NO/2	100A	2 Pole	3 Mod	Normally Open

Contactors - 2 Pole - Normally Closed

2 pole 230V normally closed contactors designed to fit all current Protek enclosures, consumer units and 'A' and 'B' boards.

- Voltage - 230V AC
- 2 Pole normally closed
- Screw terminal clamp
- Positive trip indication



Product Code	Amp	Pole	Mod	Type
LNC1-20-NC/2	20A	2 Pole	1 Mod	Normally Closed
LNC1-40-NC/2	40A	2 Pole	2 Mod	Normally Closed
LNC1-63-NC/2	63A	2 Pole	2 Mod	Normally Closed
LNC1-100-NC/2	100A	2 Pole	3 Mod	Normally Closed

Contactors - 4 Pole - Din Rail Mounting

Contactors - 4 Pole - Normally Open

4 pole 230V normally open contactors designed to fit all current Protek enclosures, consumer units and 'A' and 'B' boards.

- Voltage - 230V AC
- 4 Pole normally open
- Screw terminal clamp
- Positive trip indication



Product Code	Amp	Pole	Mod	Type
LNC1-20-NO/4	20A	4 Pole	2 Mod	Normally Open
LNC1-40-NO/4	40A	4 Pole	3 Mod	Normally Open
LNC1-63-NO/4	63A	4 Pole	3 Mod	Normally Open
LNC1-100-NO/4	100A	4 Pole	6 Mod	Normally Open

Contactors - 4 Pole - Normally Closed

4 pole 230V normally closed contactors designed to fit all current Protek enclosures, consumer units and 'A' and 'B' boards.

- Voltage - 230V AC
- 4 Pole Normally Close
- Screw terminal clamp
- Positive trip indication



Product Code	Amp	Pole	Mod	Type
LNC1-20-NC/4	20A	4 Pole	2 Mod	Normally Closed
LNC1-40-NC/4	40A	4 Pole	3 Mod	Normally Closed
LNC1-63-NC/4	63A	4 Pole	3 Mod	Normally Closed
LNC1-100-NC/4	100A	4 Pole	6 Mod	Normally Closed

Bell Transformers - Din Rail Mountable

8VA 2 Module Din Rail Mountable Bell Transformers

8VA 2 module bell transformers for use with 35mm DIN rail.

- Voltage - 230V AC
- Rated power output: 8VA
- Consumption: 1.15W
- Pillar terminal clamp
10mm² max cable size



Product Code	Voltage Out	Mod	Running Current
BT8-16	16v AC	2 Mod	500 mA
BT8-24	24v AC	2 Mod	333 mA

Normally Open Based Mounted Contactors

4 Pole Normally Open Based Mounted Contactors

4 Pole normally open base mounted contactors.

- Voltage - 400V AC
- 4 Pole normally open
- Contact status indication
- Thermal overload relays available
- Variety of coils field exchangeable
- Auxiliary contact available



Product Code	AC1	AC3	Pole	Coil
HDC0604	60A	40A	4 Pole	230V
HDC0804	80A	50A	4 Pole	230V
HDC1004	100A	65A	4 Pole	230V
HDC1254	125A	85A	4 Pole	230V
HDC1604	160A	105A	4 Pole	100V-230V
HDC2504	250A	150A	4 Pole	100V-230V
HDC4204	420A	330A	4 Pole	100V-230V

HDMCB - Add-on Devices

MCBs - Auxiliaries



Suitable for Protek MCBs and most other standard 10kA MCBs with tripping links fitted.

Product Code	Description	Mod
HDMCB-ALARM	1 Pole Alarm Switch AC/DC	1/2
HDMCB-AUX	1 Pole AUX. 1NO 1NC	1
HDMCB-AUXS	1 Pole AUX (Mini). 1NO 1NC	1/2
HDMCB-LEDR	HDMCB LED Indicator. RED	1
HDMCB-LOCK	Locking Device. *Padlock not included	N/A
HDMCB-PB	Push Button. Non-latching. Normally Open.	1
HDMCB-PBL	Push Button. Latching. Normally Open	1
HDMCB-STAU	1 Pole Shunt Trip+Aux contact	1
HDMCB-STL	1 Pole Shunt Trip (Left Hand)	1
HDMCB-STR	1 Pole Shunt Trip (Right Hand)	1
HDMCB-UVAUX	1 Pole Under Voltage+Aux contact	1
HDMCB-UCOVL	1 Pole Under/Over Voltage Trip (Left Hand)	1
HDMCB-UVOVR	1 Pole Under/Over Voltage Trip (Right Hand)	1

Timers

Electro Mechanical and Electronic Timers



Electro mechanical and electronic timers for use with 35mm DIN rail.

- Voltage - 230V AC

Product Code	Period	Type	Mod	Voltage
SUL180A	24 Hr	Electro Mech.	2 Mod	230V
SHT-1/2	7 Day	Electronic (S-Ch)	2 Mod	100V-240V

Other Accessories

Other Accessories to Fit Protek Distribution Products

A range of accessories to compliment our range of consumer units, 'B' type boards and MCCB panel boards.



SPCK250 - 125-250A 'B' type boards

MCB-125L - Consumer units & 'B' type boards

BLM & BL/1 - Consumer units & 'B' type boards

4412 & 468526 - 125-250A 'B' type boards & panel boards

MCTS - MCCB panel boards

Product Code	Description	Mod
SPCK250	Single Phase Conversion Kit	N/A
MCB-125L	Single Pole 100A Link	1 Mod
BLM	Single Pole Busbar Shroud	1 Mod
BL/1	Single Pole Blanking Plate	1 Mod
4412	Barrel Coin Lock	N/A
468526	Barrel Key Lock	N/A
MCTS	Single Pole Blank and Shroud	1 Mod

Fuses

Fuses - Modular Fuse Links



Cartridge style 10mm x 38mm and 22mm x 58mm modular fuse links.

Product Code	Rating	Size	Type
LFN10G20	20A	10mm x 38mm	Cartridge
LFN10G32	32A	10mm x 38mm	Cartridge
LFN22G63	63A	22mm x 58mm	Cartridge
LFN22G80	80A	22mm x 58mm	Cartridge
LFN22G100	100A	22mm x 58mm	Cartridge

Fuses - BS88 Fuse Links



BS88 fuse links with 84, 94mm, 111mm or 133/184mm centre fixings.

Product Code	Rating	BS88 Type	Centre Fixing
BTIS42V63	63A	A3	84mm
BTCP42V63	63A	A4	94mm
BTCP42V100	100A	A4	94mm
BTFP42V125	125A	B2	94mm
BTFP42V160	160A	B2	94mm
BTFP42V200	200A	B2	94mm
BTF42V200	200A	B2	111mm
BTKF42V250	250A	B1-B2	111mm
BTKF42V315	315A	B1-B2	111mm
BTMF42V400	400A	B1-B4	111mm
BTTM42V630	630A	C2	133/184mm
BTLM42V800	800A	C3	133/184mm



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SWITCH DISCONNECTORS
FUSED SWITCHES
SWITCH FUSES
MANUAL CHANGEOVER SWITCHES
BUSBAR CHAMBERS

Compact Metal Amendment 3 In-Line Fuse Switches

A3MFS Range - Compact SP&N Amendment 3 Metal IP40 In-Line Fuse Switches

Compact SP&N amendment 3 metal IP40 in-line fuse switches. Designed and built in the UK to BSEN 61439.



Enclosure Specification

- Amendment 3 metal
- 1.2mm Sheet steel construction
- RAL 7035 powder coating
- Hinged flap
- Wall mountable
- Knock-outs all sides.

Switch Specification

- Voltage rating 230V ACI
- 2 Pole Isolator
- 35mm² Max cable size
- Load break / load make
- Terminal clamp connections
- IP20 Terminals
- Supplied with fuses

Product Code	Amp	Pole	Max Cable Size	Dimensions
A3MFS163	63A	SP&N	35mm ²	H235xW125xD105
A3MFS180	80A	SP&N	35mm ²	H235xW125xD105
A3MFS1100	100A	SP&N	35mm ²	H235xW125xD105

Compact Metal Rotary Isolators

AASIS Range - Compact TP&N or 4 Pole Metal IP65 Rotary Isolators

Compact TP&N or 4 pole metal IP65 rotary isolators. Designed and built in the UK to BSEN 61439.

Enclosure Specification

- Sheet steel (EN 10130 DC01)
Body: 1.2 / 1.5 mm
Door: 1.2 / 1.5 mm
- RAL 7035w powder coating
- Galvanized steel (EN 10346 DX51D+Z)
Mounting Plate: 1.5 - 2 mm
- IP66 Rated enclosure (TS 3033, EN 60529)
- IP55 Rotary interlock handle lockable In OFF Pos.
- Fully welded construction
- Foamed-in door PU sealing gasket
- Solid top and bottom gland plates with PE gasket
- 5 mm Double-bit insert polyamide lock
- Wall mountable

TP&N Specification

- Solid neutral
- TP&N isolator
- Voltage rating 400/415V AC
- On-load AC21 rated
- Terminal clamp connections
- Incoming mains supply from top or bottom
- IP20 Terminals

4 Pole Specification

- Switched neutral
- 4 Pole isolation
- Voltage rating 400/415V AC
- On-load AC21 rated
- Terminal clamp connections
- Incoming mains supply from top or bottom
- IP20 terminals



Product Code	Amp	Pole	Max Cable Size	Dimensions	Product Code	Amp	Pole	Max Cable Size	Dimensions
AASIS0203T	20A	TP&N	10 mm ²	H300xW200xD150	AASIS0204T	20A	4 Pole	10 mm ²	H300xW200xD150
AASIS0323T	32A	TP&N	10 mm ²	H300xW200xD150	AASIS0324T	32A	4 Pole	10 mm ²	H300xW200xD150
AASIS0633T	63A	TP&N	10 mm ²	H300xW200xD150	AASIS0634T	63A	4 Pole	10 mm ²	H300xW200xD150
AASIS1003T	100A	TP&N	35 mm ²	H300xW200xD150	AASIS1004T	100A	4 Pole	35 mm ²	H300xW200xD150
					AASIS1254T	125A	4 Pole	35 mm ²	H300xW200xD150

AABIS Range - Compact 4 Pole Metal IP65 Rotary Isolators Featuring ABB Switch Technology

Compact 4 pole metal IP65 rotary isolators featuring ABB switch technology. Designed and built in the UK to BSEN 61439.

Enclosure Specification

- Sheet steel (EN 10130 DC01)
Body: 1.2 / 1.5 mm
Door: 1.2 / 1.5 mm
- RAL 7035w powder coating
- Galvanized steel (EN 10346 DX51D+Z)
Mounting plate: 1.5 - 2 mm
- IP66 Rated enclosure (TS 3033, EN 60529)
- IP65 Rated ABB handle lockable in the OFF Pos.
- Fully welded construction
- Foamed-in door PU sealing gasket
- Solid top and bottom gland plates with PE gasket
- 5 mm Double-bit insert polyamide lock
- Wall mountable

Switch Specification

- Switched neutral
- 4 Pole isolation
- Voltage rating 400/415V AC
- On-load AC23 rated
- Terminal clamp connections
- Incoming mains supply from top or bottom
- Internally rated IP20 on incoming terminals up to 100A



Product Code	Amp	Pole	Max Cable Size	Dimensions
AABIS0204T	20A	4 Pole	0.75...10 mm ²	H300xW200xD150
AABIS0324T	32A	4 Pole	0.75...10 mm ²	H300xW200xD150
AABIS0634T	63A	4 Pole	1.5...35 mm ²	H300xW200xD150
AABIS1004T	100A	4 Pole	10...70 mm ²	H300xW200xD150

Heavy Duty Metal Rotary Isolators

ABIS Range - Heavy Duty 4 Pole Metal IP65 Rotary Isolators Featuring ABB Switch Technology



Heavy duty 4 pole metal IP65 rotary isolators featuring **ABB** switch technology. Designed and built in the UK to BSEN 61439.

Enclosure Specification

- Sheet steel (EN 10130 DC01)
 - Body : 1.2 / 1.5 mm
 - Door : 1.2 / 1.5 mm
- RAL 7035w powder coating
- Galvanized steel (EN 10346 DX51D+Z)
 - Mounting plate : 1.5 - 2 mm
- IP66 Rated enclosure (TS 3033, EN 60529)
- IP65 Rated **ABB** handle lockable in the OFF Pos.
- Fully welded construction
- Foamed-in door PU sealing gasket
- Solid top and bottom gland plates with PE gasket
- 5 mm Double-bit Insert polyamide lock
- Cable boxes available on request
- Wall mountable

Switch Specification

- Switched neutral
- 4 Pole isolation
- Voltage rating 400/415V AC
- AC23 rated
- Lug style connections
- Incoming mains supply from top or bottom

Product Code	Amp	Pole	Terminal Bolt Size	Terminal Palm Width	Dimensions
ABIS0634T	63A	4 Pole	M8x25 mm	20 mm	H400xW300xD200
ABIS0804T	80A	4 Pole	M8x25 mm	20 mm	H400xW300xD200
ABIS1004T	100A	4 Pole	M8x25 mm	20 mm	H400xW300xD200
ABIS1254T	125A	4 Pole	M8x25 mm	20 mm	H500xW300xD200
ABIS1604T	160A	4 Pole	M8x25 mm	20 mm	H500xW400xD200
ABIS2004T	200A	4 Pole	M8x25 mm	20 mm	H500xW400xD200
ABIS2504T	250A	4 Pole	M8x25 mm	20 mm	H500xW400xD200
ABIS3154T	315A	4 Pole	M10x30 mm	25 mm	H600xW400xD200
ABIS4004T	400A	4 Pole	M10x30 mm	25 mm	H600xW400xD200
ABIS6304T	630A	4 Pole	M12x40 mm	39 mm	H800xW600xD300
ABIS8004T	800A	4 Pole	M12x40 mm	39 mm	H1000xW600xD300

Compact Plastic Rotary Isolators

ROTIP - Compact Plastic IP65 Rotary Isolators



Compact 2 pole, TP&N and 4 pole enclosed IP65 plastic rotary isolators assembled in the UK to BSEN 61349.

Specification

- Voltage - 230V AC
- On-load AC21 rated
- Terminal clamp connections
- Wall mountable
- Gasket-less seal
- Gland as required
- Wall mountable

Product Code	Amp	Pole	Max Cable Size	Dimensions	Product Code	Amp	Pole	Max Cable Size	Dimensions
ROT220IP	20A	2 Pole	25 mm	H195xW115xD120	ROT320IP	20A	3 Pole	25 mm	H195xW115xD120
ROT232IP	32A	2 Pole	25 mm	H195xW115xD120	ROT332IP	32A	3 Pole	25 mm	H195xW115xD120
ROT263IP	63A	2 Pole	25 mm	H195xW115xD120	ROT363IP	63A	3 Pole	25 mm	H195xW115xD120
ROT280IP	80A	2 Pole	25 mm	H195xW115xD120	ROT380IP	80A	3 Pole	25 mm	H195xW115xD120
ROT2100IP	100A	2 Pole	25 mm	H195xW115xD120	ROT3100IP	100A	3 Pole	25 mm	H195xW115xD120
ROT2125IP	125A	2 Pole	25 mm	H195xW115xD120	ROT3125IP	125A	3 Pole	25 mm	H195xW115xD120

Product Code	Amp	Pole	Max Cable Size	Dimensions
ROT420IP	20A	4 Pole	25 mm	H195xW115xD120
ROT432IP	32A	4 Pole	25 mm	H195xW115xD120
ROT463IP	63A	4 Pole	25 mm	H195xW115xD120
ROT480IP	80A	4 Pole	25 mm	H195xW115xD120
ROT4100IP	100A	4 Pole	25 mm	H195xW115xD120
ROT4125IP	125A	4 Pole	25 mm	H195xW115xD120

Compact Metal Rotary Fused Switches

AASLS Range - Compact TP&N Metal IP65 Rotary Fused Switches

Compact TP&N metal IP65 rotary fused switches. Designed and built in the UK to BSEN 61439.

Enclosure Specification

- Sheet steel (EN 10130 DC01)
Body : 1.2 / 1.5 mm
Door : 1.2 / 1.5 mm
- RAL 7035w powder coating
- Galvanized steel (EN 10346 DX51D+Z)
Mounting plate : 1.5 - 2 mm
- IP66 Rated enclosure (TS 3033, EN 60529)
- IP55 Rotary interlock handle lockable in OFF Pos.
- Fully welded construction
- Foamed-in door PU sealing gasket
- Solid top and bottom gland plates with PE gasket
- 5 mm Double-bit insert polyamide lock
- Wall mountable

Switch Specification

- Solid neutral
- TP+N
- Voltage rating 400/415V AC
- On-load AC21 rated
- Terminal clamp connections
- Incoming mains supply from top / outgoing bottom
- Fuses supplied as standard



Product Code	Amp	Pole	Max Cable Size In	Max Cable Size Out	Dimensions
AASLS0203T	20A	TP+N	10 mm ²	16 mm ²	H300xW200xD150
AASLS0323T	32A	TP+N	10 mm ²	16 mm ²	H300xW200xD150
AASLS0633T	63A	TP+N	10 mm ²	50 mm ²	H400xW300xD200
AASLS0803T	80A	TP+N	35 mm ²	50 mm ²	H500xW300xD200
AASLS1003T	100A	TP+N	35 mm ²	50 mm ²	H500xW300xD200

AASLS Range - Compact 4 Pole Metal IP65 Rotary Fused Switches

Compact 4 pole metal IP65 rotary fused switches. Designed and built in the UK to BSEN 61439.

Enclosure Specification

- Sheet steel (EN 10130 DC01)
Body : 1.2 / 1.5 mm
Door : 1.2 / 1.5 mm
- RAL 7035w powder coating
- Galvanized steel (EN 10346 DX51D+Z)
Mounting Plate : 1.5 - 2 mm
- IP66 Rated enclosure (TS 3033, EN 60529)
- IP55 Rotary interlock handle lockable in OFF Pos.
- Fully welded construction
- Foamed-in door PU sealing gasket
- Solid top and bottom gland plates with PE gasket
- 5 mm Double-bit insert polyamide lock
- Wall mountable

Switch Specification

- Switched neutral
- 4 Pole
- Voltage rating 400/415V AC
- On-load AC21 rated
- Terminal clamp connections
- Incoming mains supply from top / outgoing bottom
- Fuses supplied as standard



Product Code	Amp	Pole	Max Cable Size In	Max Cable Size Out	Dimensions
AASLS0204T	20A	4 Pole	10 mm ²	16 mm ²	H300xW200xD150
AASLS0324T	32A	4 Pole	10 mm ²	16 mm ²	H300xW200xD150
AASLS0634T	63A	4 Pole	10 mm ²	50 mm ²	H400xW300xD200
AASLS0804T	80A	4 Pole	35 mm ²	50 mm ²	H500xW300xD200
AASLS1004T	100A	4 Pole	35 mm ²	50 mm ²	H500xW300xD200

ABLS Range - Heavy Duty 4 Pole Metal IP65 Rotary Fused Switches

Heavy duty 4 pole metal IP65 rotary fused switches. Designed and built in the UK to BSEN 61439.

Enclosure Specification

- Sheet steel (EN 10130 DC01)
Body : 1.2 / 1.5 mm
Door : 1.2 / 1.5 mm
- RAL 7035w powder coating
- Galvanized steel (EN 10346 DX51D+Z)
Mounting plate : 1.5 - 2 mm
- IP66 Rated enclosure (TS 3033, EN 60529)
- IP65 Rated **ABB** handle lockable in the OFF Pos.
- Fully welded construction
- Foamed-in door PU sealing gasket
- Solid top and bottom gland plates with PE gasket
- 5 mm Double-bit insert polyamide lock
- Wall mountable
- Cable boxes are available on request

Switch Specification

- Switched neutral
- 4 Pole
- Voltage Rating 400/415V AC
- On-load AC23 rated
- Lug terminal connections
- Incoming mains supply from top / outgoing bottom
- Fuses supplied as standard



Product Code	Amp	Pole	Term. Palm Width In	Term. Bolt In	Term. Palm Width Out	Term. Bolt Out	Dimensions
ABLS0634T	63A	4 Pole	20 mm	M8x25	20 mm	M8	H600xW400xD200
ABLS1004T	100A	4 Pole	20 mm	M8x25	20 mm	M8	H600xW400xD200
ABLS1254T	125A	4 Pole	20 mm	M8x25	20 mm	M8	H600xW400xD200
ABLS1604T	160A	4 Pole	20 mm	M8x25	20 mm	M8	H600xW400xD200
ABLS2004T	200A	4 Pole	20 mm	M8x25	20 mm	M8	H600xW400xD200
ABLS2504T	250A	4 Pole	20 mm	M8x25	20 mm	M8	H600xW400xD200

ABFS Range - Heavy Duty 4 Pole Metal IP65 Rotary Switch Fuses

Heavy duty 4 pole metal IP65 rotary switch fuses. Designed and built in the UK to BSEN 61439. XL range offers increased cabling space without the need for cable boxes.



Enclosure Specification

- Sheet steel (EN 10130 DC01)
 - Body : 1.2 / 1.5 mm
 - Door : 1.2 / 1.5 mm
- RAL 7035w powder coating
- Galvanized steel (EN 10346 DX51D+Z)
 - Mounting plate : 1.5 - 2 mm
- IP66 Rated enclosure (TS 3033, EN 60529)
- IP65 Rated **ABB** handle lockable in the OFF Pos.
- Fully welded construction
- Foamed-in door PU sealing gasket
- Solid top and bottom gland plates with PE gasket
- 5 mm Double-bit insert polyamide lock
- Wall mountable
- Cable boxes are available on request

Switch Specification

- Switched neutral
- 4 Pole
- Voltage rating 400/415V AC
- On-load AC23 rated
- *63A uses terminal clamps
- 100A+ Lug terminal connections
- Incoming mains supply from top OR bottom
- Fuses supplied as standard

Product Code	Amp	Pole	Term. Palm Width	Term. Bolt	Max Cable	Dimensions
ABFS0634T	63A	4 Pole	N/A *	N/A *	2.5...25 mm ²	H400xW300xD200
ABFS1004T	100A	4 Pole	20 mm	M8	N/A	H400xW300xD200
ABFS1254T	125A	4 Pole	20 mm	M8	N/A	H400xW300xD200
ABFS1604T	160A	4 Pole	20 mm	M8	N/A	H500xW400xD200
ABFS2004T	200A	4 Pole	20 mm	M8	N/A	H600xW400xD200
ABFS2504T	250A	4 Pole	25 mm	M8	N/A	H600xW400xD200
ABFS3154T	315A	4 Pole	25 mm	M10	N/A	H700xW500xD300
ABFS3154XLT	315A	4 Pole	25 mm	M10	N/A	H1200xW600xD300
ABFS4004T	400A	4 Pole	25 mm	M10	N/A	H700xW500xD300
ABFS4004XLT	400A	4 Pole	25 mm	M10	N/A	H1200xW600xD300
ABFS6304T	630A	4 Pole	39 mm	M12	N/A	H1000xW600xD300
ABFS6304XLT	630A	4 Pole	39 mm	M12	N/A	H1200xW600xD300
ABFS8004T	800A	4 Pole	39 mm	M12	N/A	H1000xW600xD300
ABFS8004XLT	800A	4 Pole	39 mm	M12	N/A	H1200xW600xD300

Heavy Duty Metal Rotary Manual Changeover Switches

ABSCO Range - Heavy Duty Metal IP65 Rotary Manual Changeover Switches

Heavy duty 4 pole metal IP65 rotary changeover switches. Designed and built in the UK to BSEN 61439. XL range offers increased cabling space without the need for cable boxes.



Enclosure Specification

- Sheet steel (EN 10130 DC01)
 - Body : 1.2 / 1.5 mm*
 - Door : 1.2 / 1.5 mm*
- RAL 7035w powder coating
- Galvanized steel (EN 10346 DX51D+Z)
 - Mounting plate : 1.5 - 2 mm*
- IP66 Rated enclosure (TS 3033, EN 60529)
- IP65 Rated **ABB** handle lockable in the OFF Pos.
- Fully welded construction
- Foamed-in door PU sealing gasket
- Solid top and bottom gland plates with PE gasket
- 5 mm Double-bit insert polyamide lock
- Wall mountable

Switch Specification

- Switched neutral
- 4 Pole
- Voltage rating 400/415V AC
- On-load AC23 rated
- *63A-100A Use terminal clamps
- 125A+ Lug terminal connections
- Incoming mains supply from top OR bottom
- 3 Position operation: Top - On I, Middle - Off 0, Bottom - On II
- Bridging bars supplied as standard

Product Code	Amp	Pole	Term. Palm Width	Term. Bolt	Max Cable	Dimensions
ABSCO0634T	63A	4 Pole	N/A *	N/A *	1.5-35 mm ²	H400xW300xD200
ABSCO0804T	80A	4 Pole	N/A *	N/A *	1.5-35 mm ²	H400xW300xD200
ABSCO1004T	100A	4 Pole	N/A *	N/A *	10-70 mm ²	H500xW400xD200
ABSCO1254T	125A	4 Pole	20 mm	M8	N/A	H600xW400xD300
ABSCO1254XLT	125A	4 Pole	20 mm	M8	N/A	H1000xW600xD300
ABSCO1604T	160A	4 Pole	20 mm	M8	N/A	H600xW400xD300
ABSCO1604XLT	160A	4 Pole	20 mm	M8	N/A	H1000xW600xD300
ABSCO2004T	200A	4 Pole	20 mm	M8	N/A	H600xW400xD300
ABSCO2004XLT	200A	4 Pole	20 mm	M8	N/A	H1000xW600xD300
ABSCO2504T	250A	4 Pole	20 mm	M8	N/A	H600xW400xD300
ABSCO2504XLT	250A	4 Pole	20 mm	M8	N/A	H1000xW600xD300
ABSCO4004T	400A	4 Pole	25 mm	M10	N/A	H700xW500xD300
ABSCO4004XLT	400A	4 Pole	25 mm	M10	N/A	H1200xW600xD300
ABSCO6304T	630A	4 Pole	39 mm	M12	N/A	H1000xW800xD400
ABSCO6304XLT	630A	4 Pole	39 mm	M12	N/A	H1200xW800xD400
ABSCO8004T	800A	4 Pole	39 mm	M12	N/A	H1000xW800xD400
ABSCO8004XLT	800A	4 Pole	39 mm	M12	N/A	H1200xW800xD400

Rain Canopies to Suit Protek Enclosed Metal Switch Gear and Enclosures

Rain canopies to suit Protek enclosed metal switch gear and enclosures only. Suitable for outdoor use on enclosures that match the width and depth of the rain canopy.

Enclosure Specification

- Sheet steel (EN 10130 DC01)
Body: 1.2 / 1.5 mm
- RAL 7035w powder coating
- Galvanized steel (EN 10346 DX51D+Z)
- To suit IP66 Rated enclosures
- Fully welded construction



Product Code	Dimensions
RC3020T	To suit W300 x D200 Metal Enclosures
RC4020T	To suit W400 x D200 Metal Enclosures
RC4030T	To suit W400 x D300 Metal Enclosures
RC5020T	To suit W500 x D200 Metal Enclosures

Product Code	Dimensions
RC5030T	To suit W500 x D300 Metal Enclosures
RC6020T	To suit W600 x D200 Metal Enclosures
RC6030T	To suit W600 x D300 Metal Enclosures
RC8040T	To suit W800 x D400 Metal Enclosures

Busbar Chambers & Accessories

PBB Range - 4 Pole Metal IP4X Busbar Chambers

4 Pole metal IP4X busbar chambers designed and manufactured in the UK to BSEN 61439. Available in 200A, 400A, 630A and 800A in a range of popular widths.

Specification

- 4 Pole
- Voltage rating 400/415V AC
- Powder coated epoxy resin finish RAL7035
- Manufactured in the UK to BSEN 61439
- Degree of protection IP4x to BSEN 60529
- Six sizes to accommodate most applications
- Blank gland plates top and bottom
- Removable sides to extend the busbar chamber
- Keyhole slots for ease of fixing
- Busbar clamps are available to suit all amperages
- Wall mountable



Product Code	Amp	Pole	Dimensions
PBB20/6S	200A	4 Pole	H380xW600xD210
PBB20/9S	200A	4 Pole	H380xW900xD210
PBB20/12S	200A	4 Pole	H380xW1200xD210
PBB20/15S	200A	4 Pole	H380xW1500xD210
PBB20/18S	200A	4 Pole	H380xW1800xD210
PBB20/21S	200A	4 Pole	H380xW2100xD210

Product Code	Amp	Pole	Dimensions
PBB40/6S	400A	4 Pole	H380xW600xD210
PBB40/9S	400A	4 Pole	H380xW900xD210
PBB40/12S	400A	4 Pole	H380xW1200xD210
PBB40/15S	400A	4 Pole	H380xW1500xD210
PBB40/18S	400A	4 Pole	H380xW1800xD210
PBB40/21S	400A	4 Pole	H380xW2100xD210

Product Code	Amp	Pole	Dimensions
PBB63/6S	630A	4 Pole	H380xW600xD210
PBB63/9S	630A	4 Pole	H380xW900xD210
PBB63/12S	630A	4 Pole	H380xW1200xD210
PBB63/15S	630A	4 Pole	H380xW1500xD210
PBB63/18S	630A	4 Pole	H380xW1800xD210
PBB63/21S	630A	4 Pole	H380xW2100xD210

Product Code	Amp	Pole	Dimensions
PBB80/6S	800A	4 Pole	H380xW600xD210
PBB80/9S	800A	4 Pole	H380xW900xD210
PBB80/12S	800A	4 Pole	H380xW1200xD210
PBB80/15S	800A	4 Pole	H380xW1500xD210
PBB80/18S	800A	4 Pole	H380xW1800xD210
PBB80/21S	800A	4 Pole	H380xW2100xD210

PBCT & DBC - Busbar Clamps

PBCT & DBC Busbar Clamps for use with Protek Busbar Chambers

The PBCT & DBC range of busbar connections are designed to be used with Protek busbar chambers.

- High quality copper connections across most of the range
- Range of sizes to suit most applications



Product Code	For Use With	Max Cable Size	Bolt Size
PBCT2	200-800A	70 mm	M8
PBCT3	200-800A	240 mm	M12
PBCT4	200-800A	50 mm	M6
PBCT5	200-800A	95 mm	M10

Product Code	Amp	Max Cable Size	Bolt Size
DBC4-300	400A	300 mm	M12
DBC4-400	400A	400 mm	M12
DBC6-300	630A	300 mm	M12
DBC6-400	630A	400 mm	M12
DBC8-300	800A	300 mm	M12
DBC8-400	800A	400 mm	M12

THREE PHASE 'B' TYPE BOARDS



125A RATED THREE PHASE 'B' TYPE BOARDS
250A RATED THREE PHASE 'B' TYPE BOARDS
INCOMER KITS
METER KITS
SURGE PROTECTION KITS

Three Phase 'B' Type MCB Boards

125A / 250A Rated Metal IP3X Three Phase 'B' Type Boards - Incomer Not Included

125A and 250A rated metal IP3X three phase boards designed and manufactured in the UK. Fully compatible with Protek devices, meter and SPD kits.

'B' Type Board Features

- Powder coated epoxy finish RAL7035
- Lockable and removable door
- 4, 6, 8, 12, 16 and 24 three phase ways
- Fully rated 125A or 250A busbars
- Full length earth and neutral bars both sides allowing RCBOs to be fitted anywhere inside the board
- Raised, removable and slotted pan assembly to facilitate easy wiring
- Removable gland plates top and bottom
- Isolator, MCCB, RCBO and RCD incoming kits available
- 160A+ incomers and above come complete with cable extension box
- Accepts Proteks range of HDMCB, RCBO, SRCBO devices
- Proteks 100A link allows 80A and 100A MCBs to be fitted as outgoers which are supplied as a kit
- Accepts Proteks range of busbar shrouds
- 18th edition ready. Surge protection kits fit internally without losing outgoing ways
- Meter kits are available for both incoming and outgoing ways
- Cable boxes and accessory boxes are available



Product Code	Ways	Rating	Pole	Dimensions
TP4-125WS	4	125A	TP&N	H470xW460xD120
TP6-125WS	6	125A	TP&N	H525xW460xD120
TP8-125WS	8	125A	TP&N	H580xW460xD120
TP12-125WS	12	125A	TP&N	H690xW460xD120
TP16-125WS	16	125A	TP&N	H795xW460xD145
TP24-125WS	24	125A	TP&N	H1010xW460xD145

Product Code	Ways	Rating	Pole	Dimensions
TP4-250S	4	250A	TP&N	H470xW460xD145
TP6-250S	6	250A	TP&N	H525xW460xD145
TP8-250S	8	250A	TP&N	H580xW460xD145
TP12-250S	12	250A	TP&N	H690xW460xD145
TP16-250S	16	250A	TP&N	H795xW460xD145
TP24-250S	24	250A	TP&N	H1010xW460xD145

125A / 250A Rated Enclosed Metal IP66 Three Phase 'B' Type Boards and Incomer Options

125A and 250A rated enclosed metal IP66 three phase boards designed and manufactured in the UK. Fully compatible with Protek devices, meter and SPD kits.

'B' Type Board Features

- Powder coated epoxy finish RAL7035
- Lockable and removable door
- 4, 6, 8, 12, 16 and 24 three phase ways
- Fully rated 125A or 250A busbars
- Full length earth and neutral bars both sides allowing RCBOs to be fitted anywhere inside the board
- Raised, removable and slotted pan assembly to facilitate easy wiring
- Removable gland plates top and bottom
- Isolator, MCCB, RCBO3 and RCD incoming kits available
- 160A+ incomers and above come complete with extension box
- Accepts Proteks range of HDMCB, RCBO, SRCBO and devices
- Proteks 100A link allows 80A and 100A MCBs to be fitted as outgoers which are supplied as a kit
- Accepts Proteks range of busbar shrouds
- 18th edition ready. Surge protection kits fit internally without losing outgoing ways
- Meter kits are available for both incoming and outgoing ways
- Cable boxes and accessory boxes are available

Enclosure Specification

- Sheet steel (EN 10130 DC01)
Body : 1.2 / 1.5 mm (Depending on enclosure size)
Door : 1.2 / 1.5 mm (Depending on enclosure size)
- RAL 7035w powder coating
- Galvanized steel (EN 10346 DX51D+Z)
Mounting plate : 1.5 - 2 mm (Depending on enclosure size)
- IP66 Rated enclosure (TS 3033, EN 60529)
- Fully welded construction
- Foamed-in door PU sealing gasket
- Solid top and bottom gland plates with PE gasket
- 5 mm Double-bit insert polyamide lock

Product Code	Ways	Rating	Pole	Dimensions
TP4IP-125TS	4	125A	TP&N	H600xW600xD300
TP6IP-125TS	6	125A	TP&N	H600xW600xD300
TP8IP-125TS	8	125A	TP&N	H800xW600xD300
TP12IP-125TS	12	125A	TP&N	H800xW600xD300
TP16IP-125TS	16	125A	TP&N	H1000xW600xD300
TP24IP-125TS	24	125A	TP&N	H1200xW600xD300



Product Code	Ways	Rating	Pole	Dimensions
TP4IP-250TS	4	250A	TP&N	H600xW600xD300
TP6IP-250TS	6	250A	TP&N	H600xW600xD300
TP8IP-250TS	8	250A	TP&N	H800xW600xD300
TP12IP-250TS	12	250A	TP&N	H800xW600xD300
TP16IP-250TS	16	250A	TP&N	H1000xW600xD300
TP24IP-250TS	24	250A	TP&N	H1200xW600xD300

Product Code	Amp	Pole	Dimensions
MS3IP160K	160A	TP&N	H600xW600xD300
MS3IP200K	200A	TP&N	H600xW600xD300
MS3IP250K	250A	TP&N	H600xW600xD300
MS4IP160K	160A	4 Pole	H600xW600xD300
MS4IP200K	200A	4 Pole	H600xW600xD300
MS4IP250K	250A	4 Pole	H600xW600xD300

Product Code	Amp	Pole	kA	Dimensions
MO3IP100KTS	100A	TP&N	16kA	H600xW600xD300
MO3IP125KTS	125A	TP&N	16kA	H600xW600xD300
MO3IP160KTS	160A	TP&N	16kA	H600xW600xD300
MO3IP200KTS	200A	TP&N	16kA	H600xW600xD300
MO3IP250KTS	250A	TP&N	16kA	H600xW600xD300
MO4IP100KTS	100A	4 Pole	16kA	H600xW600xD300
MO4IP125KTS	125A	4 Pole	16kA	H600xW600xD300
MO4IP160KTS	160A	4 Pole	16kA	H600xW600xD300
MO4IP200KTS	200A	4 Pole	16kA	H600xW600xD300
MO4IP250KTS	250A	4 Pole	16kA	H600xW600xD300

Incoming Kits to Suit 125A or 250A Three Phase 'B' Type Boards

Isolator Switch Incoming Kits to Suit Protek Three Phase 'B' Type Boards



TP&N and four pole switch incoming kits to suit Protek three phase 'B' type boards.

Kit Features

- 63A-250A
- TP&N or four pole
- Face plate provided
- Links provided
- Shields provided
- Instruction Provided
- Cable box supplied with switches 160A+
- Metal IP3X enclosure
- Powder coated epoxy finish RAL7035
- Open gland plates top and bottom
- Cable box features screw down front plate

TP&N and 4 Pole Isolator

- 63A- 125A Screw terminal clamp connection
Max cable 50mm (For guidance only)
- 160A-250A Lug terminal style connection
20mm palm width 8mm bolt

Product Code	Amp	Pole	Cable Box Dimensions	Product Code	Amp	Pole	Cable Box Dimensions
MS363KS	63A	TP&N	N/A	MS463KS	63A	4 Pole	N/A
MS3100KS	100A	TP&N	N/A	MS4100KS	100A	4 Pole	N/A
MS3125KS	125A	TP&N	N/A	MS4125KS	125A	4 Pole	N/A
MS3160KS	160A	TP&N	H225xW460xD145	MS4160KS	160A	4 Pole	H510xW460xD145
MS3200KS	200A	TP&N	H225xW460xD145	MS4200KS	200A	4 Pole	H510xW460xD145
MS3250KS	250A	TP&N	H225xW460xD145	MS4250KS	250A	4 Pole	H510xW460xD145

RCD Incoming Kits to Suit Protek Three Phase 'B' Type Boards



Four pole RCD incoming kits to suit Protek three phase 'B' type boards.

Kit Features

- 100A
- Four pole
- 30mA-500mA
- 100mA-500mA Time delay (Type S)
- Face plate provided
- Links provided
- Shields provided
- Instructions provided

4 Pole RCD

- Positive contact indication
- Screw terminal clamp connection
25mm strand / 35mm solid max cable size

Product Code	Amp	Pole	mA	Time Delay	Product Code	Amp	Pole	mA	Time Delay
R100/30KS	100A	4 Pole	30mA	No	R100/100TDKS	100A	4 Pole	100mA	Yes
R100/100KS	100A	4 Pole	100mA	No	R100/300TDKS	100A	4 Pole	300mA	Yes
R100/300KS	100A	4 Pole	300mA	No	R100/500TDKS	100A	4 Pole	500mA	Yes
R100/500KS	100A	4 Pole	500mA	No					

MCB Incoming Kits to Suit Protek Three Phase 'B' Type Boards



Three or four pole MCB incoming kits to suit Protek three phase 'B' type boards.

Kit Features

- 63A-125A (125A only available in 4 pole)
- Three or four pole
- Face plate provided
- Links provided
- Shields provided
- Instructions provided

3 and 4 Pole MCB

- 'C' curve 10kA
- Positive contact indication
- Screw terminal clamp connection
Max cable 25mm²

Product Code	Amp	Pole	kA	Product Code	Amp	Pole	kA
MB363KS	63A	3 Pole	10kA	MB463KS	63A	4 Pole	10kA
MB380KS	80A	3 Pole	10kA	MB480KS	80A	4 Pole	10kA
MB3100KS	100A	3 Pole	10kA	MB4100KS	100A	4 Pole	10kA
				MB4125KS	125A	4 Pole	10kA

MCCB Incoming Kits to Suit Protek Three Phase 'B' Type Boards

Three and four pole MCCB incoming kits to suit Protek three phase 'B' type boards.

Kit Features

- 100A-250A
- Three pole or four pole
- 16kA across the range
- Face plate provided
- Links provided
- Shields provided
- Cable box supplied with all MCCB kits
- Metal IP3X enclosure
- Powder coated epoxy finish RAL7035
- Open gland plates top and bottom
- Cable box features screw down front plate

3 Pole MCCB

- Fixed thermal adjustment 80% or 63%
- 63A-125A Terminal clamp style connection
50mm² cable (For guidance only)
- 160A-250A Lug style connection
22mm Palm width 8mm bolt

4 Pole MCCB

- Fixed thermal adjustment 80% or 63%
- 4 Pole 63A-125A Lug style connection
16.5mm Palm width 8mm bolt
- 4 Pole 160A-250A Lug style connection
22mm Palm width 8mm bolt



Product Code	Amp	Pole	kA	Cable Box Dimensions	Product Code	Amp	Pole	kA	Cable Box Dimensions
MO3100KTSS	100A	TP&N	16kA	H510xW460xD145	MO4100KTSS	100A	4 Pole	16kA	H510xW460xD145
MO3125KTSS	125A	TP&N	16kA	H510xW460xD145	MO4125KTSS	125A	4 Pole	16kA	H510xW460xD145
MO3160KTSS	160A	TP&N	16kA	H510xW460xD145	MO4160KTSS	160A	4 Pole	16kA	H510xW460xD145
MO3200KTSS	200A	TP&N	16kA	H510xW460xD145	MO4200KTSS	200A	4 Pole	16kA	H510xW460xD145
MO3250KTSS	250A	TP&N	16kA	H510xW460xD145	MO4250KTSS	250A	4 Pole	16kA	H510xW460xD145

CBR (RCBO3) Incoming Kits with Earth Leakage Protection to Suit Protek Three Phase 'B' Type Boards

Four pole CBR incoming kits with earth leakage protection to suit Protek three phase 'B' type boards.

Kit Features

- 63A-250A
- Four pole
- Face plate provided
- Links provided
- Shields provided
- Cable box supplied with all CBR kits
- Metal IP3X enclosure
- Powder coated epoxy finish RAL7035
- Open gland plates top and bottom
- Cable box features screw down front plate

4 Pole CBR with ELR

- 25kA across the range
- Fixed thermal adjustment 80% or 63%
- Adjustable trip current setting
- Adjustable time setting for trip
- Lug style connection
63A-125A - 16mm Palm width 8 mm bolt
160A-250A - 22mm Palm width 8mm bolt



Product Code	Amp	Pole	Adj. Trip Current Setting	Adj. Time Settings for Trip	Cable Box Dimensions
TPKR063TSS	63A	4 Pole	30mA 100mA 300mA 500mA 1A 3A	Inst, 60, 200, 400, 700 mS	H510xW460xD145
TPKR100TSS	100A	4 Pole	30mA 100mA 300mA 500mA 1A 3A	Inst, 60, 200, 400, 700 mS	H510xW460xD145
TPKR125TSS	125A	4 Pole	30mA 100mA 300mA 500mA 1A 3A	Inst, 60, 200, 400, 700 mS	H510xW460xD145
TPKR160TSS	160A	4 Pole	30mA 100mA 300mA 500mA 1A 3A	Inst, 60, 200, 400, 700 mS	H510xW460xD145
TPKR250TSS	250A	4 Pole	30mA 100mA 300mA 500mA 1A 3A	Inst, 60, 200, 400, 700 mS	H510xW460xD145

MCB Outgoing Kits to Suit 125A or 250A Three Phase 'B' Type Boards

80A - 100A MCB Outgoing Kits to Suit Protek Three Phase 'B' Type Boards

80A or 100A MCB outgoing kits available in single pole or three pole to suit Protek three phase 'B' type boards.

Kit Features

- 80A or 100A
- Single pole or three pole
- Face plate provided
- Links provided
- Shields provided
- Due to their increased module size, MCBs fit on the dinrail next to the incomer with a supplied linking kit connecting on to the busbar

1 Pole and 3 Pole MCB

- 'C' Curve 10kA
- Positive contact indication
- Terminal clamp style connections
Max cable 25mm²



Product Code	Amp	Pole	kA	Curve	Product Code	Amp	Pole	kA	Curve
TPK1M80CS	80A	1 Pole	10kA	'C' Curve	TPK3M80C	80A	3 Pole	10kA	'C' Curve
TPK1M100CS	100A	1 Pole	10kA	'C' Curve	TPK3M100C	100A	3 Pole	10kA	'C' Curve

Metering Solutions to Suit Three Phase 'B' Type Boards

Easy Wire or MID Approved Internal Metering Kits to Suit Protek Three Phase 'B' Type Boards



Easy wire or MID approved internal metering kits to suit Protek 125A or 250A three phase 'B' type boards.

Kit Features

- To suit 125A or 250A three phase 'B' type boards
- Easy wire or MID approved kits
- Face plate provided
- Links provided
- Shields provided
- C.T, meter and fused carrier provided
- Output: Pulsed/Modbus
- Meter kits are supplied with extension boxes
- Metal IP3X enclosure
- Powder coated epoxy finish RAL7035
- Removable bottom gland plates

Product Code	Rating	Type	Ext. Box Dimensions	Product Code	Rating	Type	Ext. Box Dimensions
TPMK1PS	125A	Easy Wire	H225xW460xD95	TPMK2PS	250A	Easy Wire	H225xW460xD120
TPMK1P-MIDS	125A	MID Approved	H225xW460xD95	TPMK2P-MIDS	250A	MID Approved	H225xW460xD120

Enclosed Easy Wire or MID Approved KWH Metering Kits to Suit Three Phase 'B' Type Boards



Enclosed Easy wire or MID approved metering kits to suit Protek 125A or 250A three phase 'B' type boards or boards supplied by other manufacturers.

Kit Features

- To suit 125A or 250A three phase 'B' type boards
- Easy wire or MID approved
- C.T, meter and fuse carrier provided
- Output: Pulsed/Modbus
- Supplied in a metal IP3X enclosure
- Powder coated epoxy finish RAL7035
- Removable gland plates top and bottom
- Factory assembled

Product Code	Rating	Type	Ext. Box Dimensions	Product Code	Rating	Type	Ext. Box Dimensions
TPMB1P	125A	Easy Wire	H290xW410xD105	TPMB2P	250A	Easy Wire	H290xW410xD105
TPMB1P-MID	125A	MID Approved	H290xW410xD105	TPMB2P-MID	250A	MID Approved	H290xW410xD105

Cable & Accessory Boxes to Suit Protek Three Phase 'B' Type Boards

Metal IP3X Cable & Accessory Boxes to Suit 125A or 250A Three Phase 'B' Type Boards



Metal IP3X cable & accessory boxes to suit three phase 'B' type boards

Features

- To suit 125A or 250A three phase 'B' type boards
- Metal IP3X enclosure
- Powder coated epoxy finish RAL7035
- Open gland plates top and bottom
- Cable box features screw down front plate
- Accessory box features coin lockable door

Product Code	To Suit	Type	Ways	Dimensions	Product Code	To Suit	Type	Ways	Dimensions
SB225WS	125A	Cable Box	N/A	H225xW460xD95	SB225HDS	250A	Cable Box	N/A	H225xW460xD95
AB16WS	125A	Acc. Box	16 1 Pole	H225xW460xD120	AB16HDS	250A	Acc. Box	16 1 Pole	H225xW460xD145
AB32WS	125A	Acc. Box	32 1 Pole	H400xW460xD120	AB32HDS	250A	Acc. Box	32 1 Pole	H400xW460xD145

Internal Surge Protection Kits to Suit Protek Three Phase 'B' Type Boards

Type 1 + 2 or Type 2 Internal Surge Protection Kits to Suit Protek Three Phase 'B' Type Boards

Surge protection kits for use with Protek three phase 'B' type boards. Designed to fit on to the dinrail avoiding lost out going ways.

Kit Features

- Type 1 + 2 or Type 2 available
- Type 1 protects against lightning strikes
- Kits for 125A or 250A 'B' type boards
- Appropriate face plates provided
- Links and cables provided
- Protective MCB provided
- Fitting instructions supplied
- Also available as enclosed retro fit kits



Product Code	To Suit	Type	SPD Manufacturer	Product Code	To Suit	Type	SPD Manufacturer
SP3K-125T2S	125A	Type 2	Protek	SP3K-250T2S	250A	Type 2	Protek
ST3K-125T2S	125A	Type 2	Mersen	ST3K-250T2S	250A	Type 2	Mersen
ST3K-125T1-2S	125A	Type 1 + 2	Mersen	ST3K-250T1-2S	250A	Type 1 + 2	Mersen

Enclosed Surge Protection Kits to Suit Protek Three Phase 'B' Type Boards

Enclosed Type 1 + 2 or Type 2 Surge Protection Kits to Suit Protek Three Phase 'B' Type Boards

Enclosed Surge protection kits for use with Protek three phase 'B' type boards. For use with new or existing installations.

Kit Features

- Type 1 + 2 or Type 2 available
- Type 1 protects against lightning strikes
- Enclosed kits to suit 125A or 250A 'B' type boards
- Protective MCB provided
- Fitting instructions supplied
- Amendment 3 steel enclosure
- RAL 7035 finish
- Knock out all sides



Product Code	To Suit	Type	SPD Manufacturer	Dimensions
A3M8SP-T2	125A / 250A	Type 2	Protek	H255xW230xD110
A3M8ST-T2	125A / 250A	Type 2	Mersen	H255xW230xD110
A3M8ST-T1+2	125A / 250A	Type 1 + 2	Mersen	H255xW230xD110



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MCCB PANELBOARDS



125A RATED MINI MCCB PANELBOARDS
400A RATED MCCB PANELBOARDS
800A RATED MCCB PANELBOARDS
INCOMER KITS
METER KITS
SURGE PROTECTION KITS

Protek 125A and 400A Rated MCCB Panel Boards

Protek 125A Rated Mini Panel Boards Complete with 125A 3 Pole MCCB Incomer

Proteks range of mini panel boards are a wall mounted electrical distribution systems supplied with a Terasaki 125A three pole MCCB incomer. Designed for use with single pole and three pole Terasaki out going MCCBs which offer class leading performance at their stated ratings.

Should the customer require a greater number of outgoing ways, a higher rated incomer, higher rated outgoing or metering options then take a look at Proteks range of 400A and 800A MCCB panel boards.

Manufactured and assembled in the UK enabling Protek to offer shorter lead times than other manufacturers..

MCCB Mini Panel Board Features

- Manufactured and assembled in the UK to BS EN 61439-2
- Powder coated epoxy finish RAL7035
- 1.2mm steel construction
- IP3X ingress rating to BS EN 60529
- Lockable and removable door
- Removable faceplate
- 3, 5 and 7 three pole ways
- Fully rated 125A busbars
- Removable gland plates top and bottom for cable entry
- 4 slotted holes for wall mounting
- Designed for use with single pole and three pole Terasaki E160 frame size MCCBs up to a max rating of 125A

125A 3 Pole Incoming MCCB Features

- 125A 3 Pole 16kA E160 frame size
- Fixed thermal adjustment 80% or 63%
- Terminal clamp style connection 50mm² cable (For guidance only)



Product Code	Three Pole Outgoing Ways	Max Outgoing Device Rating	Outgoing Device Frame	Dimensions
MC403TSS	3	1 Pole - 125A 3 Pole - 125A	TB2 Lite E160 (Max 125A)	H510xW655xD200
MC405TSS	5	1 Pole - 125A 3 Pole - 125A	TB2 Lite E160 (Max 125A)	H575xW655xD200
MC407TSS	7	1 Pole - 125A 3 Pole - 125A	TB2 Lite E160 (Max 125A)	H655xW655xD200

Protek MCHD 400A Rated Panel Boards - Incomer Not Included

Proteks range of MCHD 400A panel boards are a wall mounted electrical distribution system which offer support for a wide range of incoming and outgoing kits. Designed for use with single pole and three pole Terasaki out going MCCBs which offer class leading performance at their stated ratings.

The MCHD 400A panel board range allow the end user the option to select from a wide range of incoming kits. With standard switch incomers, MCCB incomers and CBR/RCBO with ELR incomers available from stock, Protek aim to offer an incoming kit to cover every eventuality.

Outgoing MCCBs above 125A can be supplied in an outgoing kit form. These kits are supplied with their own enclosure which bolt on to the top of the panel board. Metering, surge kits, cable boxes and accessory boxes are also available should they be required.

Manufactured and assembled in the UK enabling Protek to offer shorter lead times than other manufacturers..

400A Panel Board Features

- Manufactured and assembled in the UK to BS EN 61439-2
- Powder coated epoxy finish RAL7035
- 1.2mm steel construction
- IP3X ingress rating to BS EN 60529
- Lockable and removable door
- Removable faceplate
- 4, 6, 8, 12 and 16 three pole ways
- Fully rated 400A busbars
- Removable gland plates top and bottom for cable entry
- 4 slotted holes for wall mounting
- Designed for use with single pole and three pole Terasaki E160 frame size MCCBs internally up to a max rating of 125A.

* Bolt on outgoing kits from 160A - 250A are also available from stock. See page 31.



Product Code	Three Pole Outgoing Ways	Internal Max Outgoing Device Rating	Internal Outgoing Device Frame	Dimensions
MCHD404S	4	1 Pole - 125A 3 Pole - 125A *	TB2 Lite E160 (Max 125A) *	H960xW705xD200
MCHD406S	6	1 Pole - 125A 3 Pole - 125A *	TB2 Lite E160 (Max 125A) *	H1025xW705xD200
MCHD408S	8	1 Pole - 125A 3 Pole - 125A *	TB2 Lite E160 (Max 125A) *	H1105xW705xD200
MCHD412S	12	1 Pole - 125A 3 Pole - 125A *	TB2 Lite E160 (Max 125A) *	H1250xW705xD200
MCHD416S	16	1 Pole - 125A 3 Pole - 125A *	TB2 Lite E160 (Max 125A) *	H1420xW705xD200

Incoming Kits to Suit Protek MCHD 400A Range of MCCB Panel Boards

Isolator Switch Incoming Kits to Suit Protek MCHD 400A Range of MCCB Panel Boards



Three and four pole switch incoming kits designed to suit Proteks MCHD 400A range of panel boards. Kits are designed to fit internally with cable entry at the bottom of the board. Cable boxes are available from stock should they be required.

Kit Features

- 160A-400A
- Three or four pole
- Face plate provided
- Links provided
- Shields provided where required
- Instructions provided

3 and 4 Pole Isolator

- 160A-250A Lug terminal style connection. 20mm palm width 8mm bolt
- 315A-400A Lug terminal style connection. 25mm palm width 10mm bolt

Product Code	Rating	Pole	Product Code	Rating	Pole
MC4KS160S	160A	3 Pole	MC4KS1604S	160A	4 Pole
MC4KS200S	200A	3 Pole	MC4KS2004S	200A	4 Pole
MC4KS250S	250A	3 Pole	MC4KS2504S	250A	4 Pole
MC4KS315S	315A	3 Pole	MC4KS3154S	315A	4 Pole
MC4KS400S	400A	3 Pole	MC4KS4004S	400A	4 Pole

MCCB Incoming Kits to Suit Protek MCHD 400A Range of MCCB Panel Boards



Three and four pole MCCB incoming kits designed to suit Proteks MCHD 400A range of panel boards. Kits are designed to fit internally with cable entry at the bottom of the board. Cable boxes are available from stock should they be required.

Kit Features

- 100A-400A
- Three or four pole
- Face plate provided
- Links provided
- Shields provided
- Instructions provided

3 Pole MCCB

- Fixed thermal adjustment 80% or 63%
- Adjustable magnetic
- 100A-250A Lug style connection 22mm Palm width 8mm bolt
- 400A Lug style connection 30mm Palm width 10mm bolt

4 Pole MCCB

- Fixed thermal adjustment 80% or 63%
- Adjustable magnetic
- 100A-250A Lug style connection 22mm Palm width 8mm bolt
- 400A Lug style connection 30mm Palm width 10mm bolt

Product Code	Rating	Pole	kA	Product Code	Rating	Pole	kA
MC4KM100S	100A	3 Pole	16kA	MC4KM1004S	100A	4 Pole	16kA
MC4KM125S	125A	3 Pole	16kA	MC4KM1254S	125A	4 Pole	16kA
MC4KM160S	160A	3 Pole	16kA	MC4KM1604S	160A	4 Pole	16kA
MC4KM200S	200A	3 Pole	16kA	MC4KM2004S	200A	4 Pole	16kA
MC4KM250S	250A	3 Pole	16kA	MC4KM2504S	250A	4 Pole	16kA
MC4KM400S	400A	3 Pole	25kA	MC4KM4004S	400A	4 Pole	36kA

MCCB / CBR Incoming Kits with Earth Leakage Protection to Suit Protek MCHD 400A Range of MCCB Panel Boards



Four pole MCCB / CBR incoming kits with earth leakage protection designed to suit Proteks MCHD 400A range of panel boards. Kits are designed to fit internally with cable entry at the bottom of the board. .

Kit Features

- 160A, 250A or 400A
- Four pole
- Face plate provided
- Links provided
- Shields provided
- Instructions provided

160A and 250A 4 Pole CBR with ELR

- Fixed thermal adjustment 80% or 63%
- Fixed magnetic
- Adjustable trip current setting
- Adjustable time setting for trip
- 160A - 250A Lug style connection 22mm Palm width 8mm bolt

400A 4 Pole MCCB with ELR

- Fixed thermal adjustment 80% or 63%
- Fixed magnetic
- Adjustable trip current setting
- Adjustable time setting for trip
- 400A Lug style connection 30mm Palm width 10mm bolt

Product Code	Amp	Pole	kA	Adj. Trip Current Setting	Adj. Time Settings for Trip
MC4KR160S	160A	4 Pole	25kA	30mA 100mA 300mA 500mA 1A 3A	Inst, 60, 200, 400, 700 mS
MC4KR250S	250A	4 Pole	25kA	30mA 100mA 300mA 500mA 1A 3A	Inst, 60, 200, 400, 700 mS
MC4KR400S	400A	4 Pole	36kA	30mA - 30A	Inst - 10S

Outgoing Kits to Suit Protek MCHD 400A Range of MCCB Panel Boards

Enclosed MCCB Outgoing Kits to Suit Protek MCHD 400A Range of MCCB Panel Boards

A range of enclosed, 160A, 200A and 250A MCCB outgoing kits supplied in single, double or triple configurations. Kits are designed to be bolted on to the top of the MCHD 400A range of panel boards offering contractors the opportunity to use MCCBs rated above 125A E160 frame.

Kit Features

- 1, 2 or 3 enclosed 160A MCCBs
- 1, 2 or 3 enclosed 200A MCCBs
- 1, 2 or 3 enclosed 250A MCCBs
- Three pole
- Links provided
- Shields provided
- Instructions provided

3 Pole MCCB

- Fixed thermal adjustment 80% or 63%
- Adjustable magnetic
- Lug style connection
22mm Palm width 8mm bolt



Product Code	Amp	Pole	kA	Enc. Dimensions
MC4KM160LS	1 x 160A	3 Pole	16kA	H355xW705xD200
MC4KM160L2S	2 x 160A	3 Pole	16kA	H355xW705xD200
MC4KM160L3S	3 x 160A	3 Pole	16kA	H355xW705xD200

Product Code	Amp	Pole	kA	Enc. Dimensions
MC4KM200LS	1 x 200A	3 Pole	16kA	H355xW705xD200
MC4KM200L2S	2 x 200A	3 Pole	16kA	H355xW705xD200
MC4KM200L3S	3 x 200A	3 Pole	16kA	H355xW705xD200

Product Code	Amp	Pole	kA	Enc. Dimensions
MC4KM250LS	1 x 250A	3 Pole	16kA	H355xW705xD200
MC4KM250L2S	2 x 250A	3 Pole	16kA	H355xW705xD200
MC4KM250L3S	3 x 250A	3 Pole	16kA	H355xW705xD200

Internal Surge Protection Kits to Suit Protek MCHD 400A Range of MCCB Panel Boards

Type 1 + 2 or Type 2 Internal Surge Protection Kits to Suit Protek MCHD 400A Range of MCCB Panel Boards

Type 1 + 2 or type 2 internal surge protection kits for use with Protek MCHD 400A range of panel boards.

Kit Features

- Type 1 + 2 or Type 2 available
- Type 1 protects against lightning strikes
- Appropriate face plates provided
- Links and cables provided
- Protective device provided
- Fitting instructions supplied
- Also available as enclosed retro fit kits



Product Code	To Suit	Type	SPD Manufacturer
MC4SP-T2	MCHD	Type 2	Protek
MC4ST-T2	MCHD	Type 2	Mersen
MC4ST-T1-2	MCHD	Type 1 + 2	Mersen

Metering Solutions to Suit Protek MCHD 400A Range of MCCB Panel Boards

Easy Wire or MID Approved Metering Kits to Suit Protek MCHD 400A Range of MCCB Panel Boards

Easy wire or MID approved internal metering kits to suit Proteks MCHD 400A range of panel boards. Incoming or outgoing metering kits are available.

Kit Features

- To suit Protek MCHD 400A Range of panel boards
- Easy wire or MID approved kits
- Face plate provided
- Links provided
- Instructions provided
- C.T, meter and fused carrier provided
- Output: Pulsed/Modbus
- Outgoing metering kits rated for use at 125A



Product Code	To Suit	Type	Kit Type
MC4MK400C	MCHD	Easy Wire	Incoming Metering
MC4MK400M	MCHD	MID Approved	Incoming Metering

Product Code	To Suit	Type	Kit Type
MC4MKL-125C	MCHD	Easy Wire	Outgoing Metering
MC4MKL-125M	MCHD	MID Approved	Outgoing Metering

Cable & Accessory Boxes to Suit Protek MCHD 400A Range of MCCB Panel Boards

Metal IP3X Cable & Accessory Boxes to Suit Protek MCHD 400A Range of MCCB Panel Boards



Metal IP3X cable & accessory boxes to suit three phase 'B' type boards

Accessory Box Features

- To suit MCHD 400A range of panel boards
- Metal IP3X enclosure
- Powder coated epoxy finish RAL7035
- Open gland plates top and bottom
- Accessory box features coin lockable door
- Can accommodate 6 x 70mm wide devices

Cable Box Features

- To suit MCHD 400A range of panel boards
- Metal IP3X enclosure
- Powder coated epoxy finish RAL7035
- Open gland plates top and bottom
- Cable box features screw down front plate

Product Code	To Suit	Type	Ways	Dimensions	Product Code	To Suit	Type	Ways	Dimensions
MC4AB3S	MCHD	Acc. Box	6 x 70mm	H355xW705xD200	MC4SB3S	MCHD	Cable Box	N/A	H355xW705xD155

Protek MC8 800A MCCB Panel Boards

Protek MC8 800A Range of MCCB Panel Boards - Incomer Not Included



Proteks range of MC 800A panel boards are a wall mounted electrical distribution system which offer support for a wide range of incoming and outgoing kits. Designed for use with single pole and three pole Terasaki out going MCCBs which offer class leading performance at their stated ratings.

The MC 800A panel board range allow the end user the option to select from a wide range of incoming kits. With standard switch incomers, MCCB incomers and CBR/RCBO with ELR incomers available from stock, Protek aim to offer an incoming kit to cover every eventuality.

A preset number of 125A and 250A rated MCCB's can be fitted internally. Should higher rated MCCBs be required then please contact technical sales for a bespoke solution. Metering, surge kits, cable boxes and accessory boxes are also available should they be required.

Assembled in the UK enabling Protek to offer shorter lead times than other manufacturers. Call and speak to a member of our technical sales team for more information.

800A Panel Board Features

- Assembled to BS EN 61439-2
 - Powder coated epoxy finish RAL9002
 - 1.22mm steel construction
 - IP2X ingress rating to BS EN 60529
 - Form 3B
 - Lockable and removable door
 - Removable faceplate
 - 6, 8, 12 & 18 three pole ways (Split between 160/250 Frame. See Table below)
 - Fully rated 800A busbars
 - Removable gland plates top and bottom for cable entry
 - 8 position for wall mounting
 - Designed for use with single pole and three pole Terasaki E160 (Max 125A) and E/S250 (Max 250A) frame size MCCBs.
- * Should higher rated MCCBs be required, please contact technical sales.

Product Code	Three Pole Outgoing Ways	Internal Max Outgoing Device Rating	Internal Outgoing Device Frame	Dimensions
MC802-04PS	2 x 250A 4 x 125A	1 Pole - 125A 3 Pole - 250A *	TB2 Lite E160 E/S250 *	H1250xW900xD200
MC802-06PS	2 x 250A 6 x 125A	1 Pole - 125A 3 Pole - 250A *	TB2 Lite E160 E/S250 *	H1250xW900xD200
MC802-10PS	2 x 250A 10 x 125A	1 Pole - 125A 3 Pole - 250A *	TB2 Lite E160 E/S250 *	H1250xW900xD200
MC804-04PS	4 x 250A 4 x 125A	1 Pole - 125A 3 Pole - 250A *	TB2 Lite E160 E/S250 *	H1400xW900xD200
MC804-08PS	4 x 250A 8 x 125A	1 Pole - 125A 3 Pole - 250A *	TB2 Lite E160 E/S250 *	H1400xW900xD200
MC804-14PS	4 x 250A 14 x 125A	1 Pole - 125A 3 Pole - 250A *	TB2 Lite E160 E/S250 *	H1700xW900xD200
MC806-12PS	6 x 250A 12 x 125A	1 Pole - 125A 3 Pole - 250A *	TB2 Lite E160 E/S250 *	H1700xW900xD200

Incoming Kits to Suit Protek MC8 800A Range of MCCB Panel Boards

Isolator Switch Incoming Kits to Suit Protek MC8 800A Range of MCCB Panel Boards

Four pole isolator switch incoming kits designed to suit Proteks MC 800A range of panel boards. Kits are designed to fit internally with cable entry at the bottom of the board. Cable boxes are available from stock should they be required.

Kit Features

- 630 or 800A
- Four pole
- Face plate provided
- Links provided
- Shields provided
- Instructions provided

630 and 800A 4 Pole Isolator

- 630A and 800A Lug style connection
- 39mm Palm width 12mm bolt



Product Code	Amp	Terminal Bolt Size	Terminal Palm Width	Pole
MC8KS-6304S	630A	M12	39mm	4 Pole
MC8KS-8004S	800A	M12	39mm	4 Pole

MCCB Incoming Kits to Suit Protek MC8 800A Range of MCCB Panel Boards

Three and four pole MCCB incoming kits designed to suit Proteks MC 800A range of panel boards. Kits are designed to fit internally with cable entry at the bottom of the board. Cable boxes are available from stock should they be required.

Kit Features

- 630 or 800A
- Three or four pole
- Face plate provided
- Links provided
- Shields provided
- Instructions provided

630A 3 Pole & 4 Pole MCCB Features

- Fixed thermal adjustment 80% or 63%
- 630A Lug style connection 30mm Palm width 10mm bolt

800A 3 Pole & 4 Pole MCCB Features

- Fixed thermal adjustment 80% or 63%
- 800A Lug style connection 40mm Palm width 12mm bolt



Product Code	Rating	Pole	kA	Product Code	Rating	Pole	kA
MC8KM-630S	630A	3 Pole	36kA	MC8KM-6304S	630A	4 Pole	36kA
MC8KM-800S	800A	3 Pole	36kA	MC8KM-8004S	800A	4 Pole	36kA

MCCB Incoming Kits with Earth Leakage Protection to Suit Protek MC8 800A Range of MCCB Panel Boards

Four pole MCCB / CBR incoming kits with earth leakage protection designed to suit Proteks MC 800A range of panel boards. Kits are designed to fit internally with cable entry at the bottom of the board.

Kit Features

- 630 or 800A
- Four pole
- Face plate provided
- Links provided
- Shields provided
- Instructions provided

630A 4 Pole MCCB with ELR Features

- Fixed thermal adjustment 80% or 63%
- Adjustable trip current setting
- Adjustable time setting for trip
- 630A Lug style connection 30mm Palm width 10mm bolt

800A 4 Pole MCCB with ELR Features

- Fixed thermal adjustment 80% or 63%
- Adjustable trip current setting
- Adjustable time setting for trip
- 800A Lug style connection 40mm Palm width 12mm bolt



Product Code	Amp	Pole	kA	Adj. Trip Current Setting	Adj. Time Settings for Trip
MC8KR-6304S	630A	4 Pole	36kA	30mA - 30A	Inst - 10S
MC8KR-8004S	800A	4 Pole	36kA	30mA - 30A	Inst - 10S

Internal Surge Protection Kits to Suit Protek MC8 800A Range of MCCB Panel Boards

Type 1 + 2 or Type 2 Internal Surge Protection Kits to Suit Protek MC8 800A Range of MCCB Panel Boards



Type 1 + 2 or type 2 internal surge protection kits for use with Protek MC8 800A range of MCCB panel boards.

Kit Features

- Type 1 + 2 or Type 2 available
- Type 1 protects against lightning strikes
- Appropriate face plates provided
- Links and cables provided
- Protective device provided
- Fitting instructions supplied
- Also available as enclosed retro fit kits

Product Code	To Suit	Type	SPD Manufacturer
MC8SP-T2	MC8	Type 2	Protek
MC8ST-T2	MC8	Type 2	Mersen
MC8ST-T1-2	MC8	Type 1 + 2	Mersen

Metering Solutions to Suit Protek MC8 800A Range of MCCB Panel Boards

Easy Wire or MID Approved Metering Kits to Suit Protek MC8 800A Range of MCCB Panel Boards



Easy wire or MID approved internal metering kits to suit Proteks MC8 800A range of MCCB panel boards. Incoming or outgoing metering kits are available.

Kit Features

- To suit Protek MC8 800A Range of panel boards
- Easy wire or MID approved kits
- Face plate provided
- Links provided
- Instructions provided
- C.T. meter and fused carrier provided
- Output: Pulsed/Modbus

Product Code	To Suit	Type	Kit Type	Product Code	To Suit	Type	Kit Type
MC8MK400C	M8	Easy Wire	Incoming Metering	MC8MKL-125C	MC8	Easy Wire	Outgoing Metering
MC8MK400M	M8	MID Approved	Incoming Metering	MC8MKL-125M	MC8	MID Approved	Outgoing Metering

Cable & Accessory Boxes to Suit Protek MCHD 400A Range of MCCB Panel Boards

Metal IP3X Cable & Accessory Boxes to Suit Protek MC8 800A Range of MCCB Panel Boards



Metal IP3X cable & accessory boxes to suit MC8 800A range of MCCB panel boards.

Accessory Box Features

- To suit MC8 800A range of panel boards
- Metal IP3X enclosure
- Powder coated epoxy finish RAL9002
- Open gland plates top and bottom
- Accessory box features coin lockable door
- Can accommodate 6 x 70mm wide devices

Cable Box Features

- To suit MC8 800A range of panel boards
- Metal IP3X enclosure
- Powder coated epoxy finish RAL9002
- Open gland plates top and bottom
- Cable box features screw down front plate

Product Code	To Suit	Type	Ways	Dimensions	Product Code	To Suit	Type	Ways	Dimensions
MC8AB3S	MC8	Acc. Box	6 x 70mm	H500xW900xD160	MC8SB3S	MC8	Cable Box	N/A	H500xW900xD160

Blanks to Suit 125A (MC4) 400A (MCHD) and 800A (MC8) MCCB Panel Boards

Plastic Blanks to Suit 125A (MC4) 400A (MCHD) and 800A (MC8) MCCB Panel Boards



Plastic blanking shrouds to suit Protek supplied panel boards..

Features

- Non conductive
- Clip-in design
- Blank un-used outgoing ways
- Protect busbar from contact with large foreign objects
- Available from stock

Product Code	To Suit	Blanked Ways	Product Code	To Suit	Blanked Ways
MCTS	MC4 & MCHD E160 Frame	1 SP Way	TP125BLANK	MC8 E160 Frame	1 SP Way
			TP250BLANK	MC8 S250 Frame	1 TP Way

MCCBs - 1 Pole & 3 Pole to Suit Protek MCCB Panel Boards

MCCBs - 1 Pole & 3 Pole to Suit Protek MCCB Panel Boards - Check Table for Compatibility

Outgoing MCCBs for use with Protek 125A, 400A and 800A MCCB panel boards. Please see table below for guidance on product compatibility.

1 Pole 16A-125A MCCBs

- 10 current ratings 16A-125A
- Single pole 25mm width
- E160 Frame size
- Instructions provided
- Terminal clamp style connection
50mm² cable (For guidance only)

3 Pole 160A-800A MCCBs

- 6 current ratings 200A-800A
- Width varies due to frame size
- Frame size based on rating
- Instructions provided
- Fixed thermal adjustment 80% or 63%
- 160A-250A Lug style connection
22mm Palm width 8mm bolt
- 400A Lug style connection
30mm Palm width 10mm bolt
- 630A Lug style connection
30mm Palm width 10mm bolt
- 800A Lug style connection
40mm Palm width 12mm bolt

3 Pole 25A-125A MCCBs

- 6 current ratings 25A-125A
- Three pole 75mm width
- E160 Frame size
- Instructions provided
- Fixed thermal adjustment 80% or 63%
- Terminal clamp style connection
50mm² cable (For guidance only)



Product Code	Amp	Pole	Frame Size	kA	MC40xTS Mini P.B.	Compatibility MCHDxxx P.B.	MC8xxx-xx P.B.
MC1P016TS	16A	1 Pole	E160	25kA	YES	YES	YES
MC1P020TS	20A	1 Pole	E160	25kA	YES	YES	YES
MC1P025TS	25A	1 Pole	E160	25kA	YES	YES	YES
MC1P032TS	32A	1 Pole	E160	25kA	YES	YES	YES
MC1P040TS	40A	1 Pole	E160	25kA	YES	YES	YES
MC1P050TS	50A	1 Pole	E160	25kA	YES	YES	YES
MC1P063TS	63A	1 Pole	E160	25kA	YES	YES	YES
MC1P080TS	80A	1 Pole	E160	25kA	YES	YES	YES
MC1P100TS	100A	1 Pole	E160	25kA	YES	YES	YES
MC1P125TS	125A	1 Pole	E160	25kA	YES	YES	YES

Product Code	Amp	Pole	Frame Size	kA	MC40xTS Mini P.B.	Compatibility MCHDxxx P.B.	MC8xxx-xx P.B.
MC3P025TS	25A	3 Pole	E160	16kA	YES	YES	YES
MC3P040TS	40A	3 Pole	E160	16kA	YES	YES	YES
MC3P063TS	63A	3 Pole	E160	16kA	YES	YES	YES
MC3P080TS	80A	3 Pole	E160	16kA	YES	YES	YES
MC3P100TS	100A	3 Pole	E160	16kA	YES	YES	YES
MC3P125TS	125A	3 Pole	E160	16kA	YES	YES	YES
MC3P160TS	160A	3 Pole	E250	16kA	NO	MC4KMxxxLx *	YES
MC3P200TS	200A	3 Pole	E250	16kA	NO	MC4KMxxxLx *	YES
MC3P250TS	250A	3 Pole	E250	16kA	NO	MC4KMxxxLx *	YES
MC3P400TS	400A	3 Pole	E400	25kA	NO	CALL	CALL
MC3P630TS	630A	3 Pole	E630	36kA	NO	NO	CALL
MC3P800TS	800A	3 Pole	S800	36kA	NO	NO	CALL

* Please refer to MCHD outgoing kits on page 31

MCCBs - 4 Pole For Use In Bespoke Projects - Not Suitable For Use As Outgoers With Protek MCCB Panels Boards

4 Pole MCCBs for use in bespoke projects. Not suitable for use as outgoers with Protek panel boards..

4 Pole 25A-160A MCCBs

- 7 current ratings 25A-160A
- E160 Frame size
- Instructions provided
- Fixed thermal adjustment 80% or 63%
- Terminal or lug style connection
16.5mm Palm
25A-40A 5mm bolt
63A-160A 8mm bolt

4 Pole 200A-800A MCCBs

- 5 current ratings 200A-800A
- Instructions provided
- Fixed thermal adjustment 80% or 63%
- 200A-250A Lug style connection
22mm Palm width 8mm bolt
- 400A Lug style connection
30mm Palm width 10mm bolt
- 630A Lug style connection
30mm Palm width 10mm bolt
- 800A Lug style connection
40mm Palm width 12mm bolt



Product Code	Amp	Pole	Frame Size	kA	Product Code	Amp	Pole	Frame Size	kA
MC4P025TS	25A	4 Pole	E160	16kA	MC4P200TS	200A	4 Pole	S250	16kA
MC4P040TS	40A	4 Pole	E160	16kA	MC4P250TS	250A	4 Pole	S250	16kA
MC4P063TS	63A	4 Pole	E160	16kA	MC4P400TS	400A	4 Pole	S400	25kA
MC4P080TS	80A	4 Pole	E160	16kA	MC4P630TS	630A	4 Pole	S630	36kA
MC4P100TS	100A	4 Pole	E160	16kA	MC4P800TS	800A	4 Pole	S800	36kA
MC4P125TS	125A	4 Pole	E160	16kA					
MC4P160TS	160A	4 Pole	E160	16kA					

SURGE PROTECTION



TYPE 1 + 2 SURGE PROTECTION DEVICES
TYPE 2 SURGE PROTECTION DEVICES
ENCLOSED SURGE PROTECTION DEVICES

Surge Protection Devices

Type 1 + 2 / Type 2 / Type 3 Surge Protection Devices

Type 1 + 2, Type 2 and Type 3 surge protection devices designed for use in single phase or three phase installations. To fit 35mm din rail.

Type 1 surge protection devices are strongly recommended for premises protected by lightning protection systems or premises situated in or near potential lightning hot spots such as near tall buildings, tall trees or on/near a hill top.

Type 2 surge protection devices are strongly recommended for all low voltage electrical installations. Protek recommend a Type 2 surge protection device for each switchboard installed as this prevents the spread of surges within the electrical installation.

Type 3 surge protection devices are intended to be installed in addition to Type 2 surge protection devices. Type 3 surge protection devices have a low discharge capacity and as such should be installed in close proximity of sensitive equipment such as Desktop computers, Monitors and TV's.

Surge protection devices should be selected and installed according to sections 443 & 534 of BS7671 and BSEN 61643-1. They must be installed in accordance with the manufacturer's instructions.

- Type 1 + 2 SPD for lightning protection
- Status indication window
- Protective fused device or MCB required
- Dinrail mountable



Product Code	Type	Mod	For Use With	Manufacturer	Product Code	Type	Mod	For Use With	Manufacturer
83120114	1 + 2	2	Single Phase	Mersen	83120138	1 + 2	4	Three Phase	Mersen
SP2T2	2	2	Single Phase	Protek	SP4T2	2	4	Three Phase	Protek
83020205	2 + 3	1	Single Phase	Mersen	83020146	2	4	Three Phase	Mersen

Enclosed Surge Protection Kits

Type 1 + 2 / Type 2 / Type 3 Enclosed Surge Protection Devices

Type 1 + 2, Type 2 and Type 3 enclosed surge protection kits designed for use with single phase or three phase installations. Perfect for retro fitting surge to pre-existing boards.

Type 1 surge protection devices are strongly recommended for premises protected by lightning protection systems or premises situated in or near potential lightning hot spots such as near tall buildings, tall trees or on/near a hill top.

Type 2 surge protection devices are strongly recommended for all low voltage electrical installations. Protek recommend a Type 2 surge protection device for each switchboard installed as this prevents the spread of surges within the electrical installation.

Type 3 surge protection devices are intended to be installed in addition to Type 2 surge protection devices. Type 3 surge protection devices have a low discharge capacity and as such should be installed in close proximity of sensitive equipment such as Desktop computers, Monitors and TV's.

Surge protection devices should be selected and installed according to sections 443 & 534 of BS7671 and BSEN 61643-1. They must be installed in accordance with the manufacturer's instructions.

Kit Features

- Single phase or three phase kits available
- Type 1 + 2 or Type 2
- Protective device supplied and fitted
- Status indication window
- Supplied with enclosure
- Instructions supplied
- Factory assembled
- Kit should not be fitted more than 0.5 meters from distribution board.

Enclosure Features

- Amendment 3 metal enclosure
- Knock-outs all sides
- Hinged lid
- RAL 9010
- Uk made
- Enclosure sizes;
 - Single phase - H235xW125xD105
 - Three phase - H255xW230xD110



Product Code	Type	For Use With	Manufacturer	Product Code	Type	For Use With	Manufacturer
A3M4ST-T1-2	1 + 2	Single Phase	Mersen	A3M8ST-T1-2	1 + 2	Three Phase	Mersen
A3M4SP-T2	2	Single Phase	Protek	A3M8SP-T2	2	Three Phase	Protek
A3M4ST-T2	2 + 3	Single Phase	Mersen	A3M8ST-T2	2	Three Phase	Mersen

ENCLOSED PRODUCTS



AUTOMATIC CHANGEOVER SWITCHES
LIFE SAFETY AUTO TRANSFER SWITCHES (ATS)
RCBO3 / CBR UNITS WITH ELR PROTECTION
ROTARY MCCBS

Enclosed Rotary Adjustable MCCBs

Enclosed Metal IP55 TP&N or 4 Pole Adjustable Rotary MCCBs

Enclosed metal IP55 TP&N or 4 pole adjustable rotary MCCBs. Designed and assembled in the UK to BSEN 61439-2.

Enclosure Specification

- Sheet steel (EN 10130 DC01)
Body : 1.2 / 1.5 mm
Door : 1.2 / 1.5 mm
- RAL 7035w powder coating
- Galvanized steel (EN 10346 DX51D+Z)
Mounting plate : 1.5 - 2 mm
- IP66 Rated enclosure (TS 3033, EN 60529)
- IP55 Rated handle lockable in the OFF Pos.
- Fully welded construction
- Foamed-in door PU sealing gasket
- Solid top and bottom gland plates with PE gasket
- 5 mm Double-bit insert polyamide lock
- Wall mountable
- Cable boxes are available on request
- Plastic versions available on request

3 and 4 Pole MCCB Features

- Fixed thermal adjustment 80% or 63%
- 63A-160A Terminal clamp style connection
50mm² cable (For guidance only)
- 200A-250A Lug style connection
25mm Palm width 8mm bolt
- 400A-630A Lug style connection
30mm Palm width 10mm bolt
- 800A Lug style connection
40mm Palm width 12mm bolt
- Supplied with shields
- Aux contacts, shunt or under voltage trips available on request



Product Code	Amp	Pole	kA	Dimensions	Product Code	Amp	Pole	kA	Dimensions
MCFS0633T	63A	TP&N	16kA	H400xW300xD200	MCFS0634T	63A	4 Pole	16kA	H400xW300xD200
MCFS1003T	100A	TP&N	16kA	H400xW300xD200	MCFS1004T	100A	4 Pole	16kA	H400xW300xD200
MCFS1253T	125A	TP&N	16kA	H400xW300xD200	MCFS1254T	125A	4 Pole	16kA	H400xW300xD200
MCFS1603T	160A	TP&N	16kA	H500xW300xD200	MCFS1604T	160A	4 Pole	16kA	H500xW300xD200
MCFS2003T	200A	TP&N	16kA	H500xW300xD200	MCFS2004T	200A	4 Pole	16kA	H500xW300xD200
MCFS2503T	250A	TP&N	16kA	H500xW300xD200	MCFS2504T	250A	4 Pole	16kA	H500xW300xD200
MCFS4003T	400A	TP&N	25kA	H700xW500xD300	MCFS4004T	400A	4 Pole	36kA	H700xW500xD300
MCFS6303T	630A	TP&N	36kA	H800xW600xD300	MCFS6304T	630A	4 Pole	36kA	H800xW600xD300
MCFS8003T	800A	TP&N	36kA	H1000xW600xD300	MCFS8004T	800A	4 Pole	36kA	H1000xW600xD300

Enclosed Adjustable CBR / MCCBs with Earth Leakage Protection (RCBO3)

Enclosed Metal or Plastic 4 Pole Adjustable CBR / MCCBs with Earth Leakage Protection (RCBO3)

Enclosed metal or plastic adjustable 4 pole CBR / MCCBs with earth leakage protection. Designed and built in the UK to BSEN 61439-2

Metal Enclosure Specification

- IP4X or IP65 mild steel
- RAL 7035 Epoxy resin finish
- Wall mountable
- Lockable
- Hinged removable door
- Removable gland plates top and bottom

Plastic Enclosure Specification

- IP66 Polycarbonate
- RAL 7035
- Totally insulated
- Wall mountable
- Lockable
- Solid top and bottom, gland as required

63A-250A 4 Pole CBR with ELR

- Fixed thermal adjustment 80% or 63%
- Adjustable trip current setting
- Adjustable time setting for trip
- Lug style connection
63A-125A - 16mm Palm width 8 mm bolt
160A-250A - 22mm Palm width 8mm bolt

400A 4 Pole MCCB with ELR

- Fixed thermal adjustment 80% or 63%
- Adjustable trip current setting
- Adjustable time setting for trip
- Lug style connection
400A - 30mm Palm width 10mm bolt



Product Code	Amp	Pole	kA	Adj. Trip Current Setting	Adj. Time Settings for Trip	Enclosure	Dimensions
RCBO3-063TSMS	63A	4 Pole	25kA	30mA 100mA 300mA 500mA 1A 3A	Inst, 60, 200, 400, 700 mS	Metal IP4X	H500xW460xD145
RCBO3-100TSMS	100A	4 Pole	25kA	30mA 100mA 300mA 500mA 1A 3A	Inst, 60, 200, 400, 700 mS	Metal IP4X	H500xW460xD145
RCBO3-125TSMS	125A	4 Pole	25kA	30mA 100mA 300mA 500mA 1A 3A	Inst, 60, 200, 400, 700 mS	Metal IP4X	H500xW460xD145
RCBO3-160TSMS	160A	4 Pole	25kA	30mA 100mA 300mA 500mA 1A 3A	Inst, 60, 200, 400, 700 mS	Metal IP4X	H500xW460xD145
RCBO3-250TSMS	250A	4 Pole	25kA	30mA 100mA 300mA 500mA 1A 3A	Inst, 60, 200, 400, 700 mS	Metal IP4X	H500xW460xD145
RCBO3-400TSMS	400A	4 Pole	36kA	30mA - 30A	Inst - 10S	Metal IP4X	H705xW655xD200

Product Code	Amp	Pole	kA	Adj. Trip Current Setting	Adj. Time Settings for Trip	Enclosure	Dimensions
RCBO3-063TSMR	63A	4 Pole	25kA	30mA 100mA 300mA 500mA 1A 3A	Inst, 60, 200, 400, 700 mS	Metal IP65	H500xW300xD200
RCBO3-100TSMR	100A	4 Pole	25kA	30mA 100mA 300mA 500mA 1A 3A	Inst, 60, 200, 400, 700 mS	Metal IP65	H500xW300xD200
RCBO3-125TSMR	125A	4 Pole	25kA	30mA 100mA 300mA 500mA 1A 3A	Inst, 60, 200, 400, 700 mS	Metal IP65	H500xW300xD200
RCBO3-160TSMR	160A	4 Pole	25kA	30mA 100mA 300mA 500mA 1A 3A	Inst, 60, 200, 400, 700 mS	Metal IP65	H500xW300xD200
RCBO3-250TSMR	250A	4 Pole	25kA	30mA 100mA 300mA 500mA 1A 3A	Inst, 60, 200, 400, 700 mS	Metal IP65	H500xW300xD200
RCBO3-400TSMR	400A	4 Pole	36kA	30mA - 30A	Inst - 10S	Metal IP65	H700xW500xD300

Product Code	Amp	Pole	kA	Adj. Trip Current Setting	Adj. Time Settings for Trip	Enclosure	Dimensions
RCBO3-063TSP	63A	4 Pole	25kA	30mA 100mA 300mA 500mA 1A 3A	Inst, 60, 200, 400, 700 mS	Plastic	H500xW400xD210
RCBO3-100TSP	100A	4 Pole	25kA	30mA 100mA 300mA 500mA 1A 3A	Inst, 60, 200, 400, 700 mS	Plastic	H500xW400xD210
RCBO3-125TSP	125A	4 Pole	25kA	30mA 100mA 300mA 500mA 1A 3A	Inst, 60, 200, 400, 700 mS	Plastic	H500xW400xD210
RCBO3-160TSP	160A	4 Pole	25kA	30mA 100mA 300mA 500mA 1A 3A	Inst, 60, 200, 400, 700 mS	Plastic	H500xW400xD210
RCBO3-250TSP	250A	4 Pole	25kA	30mA 100mA 300mA 500mA 1A 3A	Inst, 60, 200, 400, 700 mS	Plastic	H500xW400xD210
RCBO3-400TSP	400A	4 Pole	36kA	30mA - 30A	Inst - 10S	Plastic	H700xW500xD300

Enclosed Automatic Changeover Units

Enclosed Metal IP4X Single Phase & Three Phase Mains to Mains / Mains to Gen Automatic Changeover Units



Enclosed metal IP40 2 pole and 4 pole automatic changeover units. Designed and built in the UK to BSEN 61439-2.

Enclosure Specification

- Sheet steel (EN 10130 DC01)
Body : 1.2 / 1.5 mm
Door : 1.2 / 1.5 mm
- RAL 7035w powder coating
- Galvanized steel (EN 10346 DX51D+Z)
Mounting plate : 1.5 - 2 mm
- IP66 Rated enclosure (TS 3033, EN 60529)
- Fully welded construction
- Foamed-in door PU sealing gasket
- Solid top and bottom gland plates with PE gasket
- 5 mm Double-bit insert polyamide lock
- Wall mountable

Automatic Changeover Features

- Single and three phase ATS
- Mains to mains or mains to generator
- Programmable using NFC App
- Front panel controller with LED visualization
- Auto switching of load from mains to alt. supply
- Manual mode switchable on door or remotely
- Two potentiometers allow manual setting of line presence or tripping delays

Product Code	Rating	Pole	AC-1	Type	Enclosure	Dimensions
SCO040AL	40A	2 / 4 Pole	40A	Mains to Mains / Mains to Generator	Metal	H500xW400xD200
SCO060AL	60A	2 / 4 Pole	60A	Mains to Mains / Mains to Generator	Metal	H500xW400xD200
SCO080AL	80A	2 / 4 Pole	80A	Mains to Mains / Mains to Generator	Metal	H500xW400xD200
SCO100AL	100A	2 / 4 Pole	100A	Mains to Mains / Mains to Generator	Metal	H500xW400xD200
SCO125AL	125A	2 / 4 Pole	125A	Mains to Mains / Mains to Generator	Metal	H600xW400xD200
SCO160AL	160A	2 / 4 Pole	160A	Mains to Mains / Mains to Generator	Metal	H600xW400xD200
SCO200AL	200A	2 / 4 Pole	200A	Mains to Mains / Mains to Generator	Metal	H700xW500xD300
SCO250AL	250A	2 / 4 Pole	250A	Mains to Mains / Mains to Generator	Metal	H700xW500xD300
SCO400AL	400A	2 / 4 Pole	400A	Mains to Mains / Mains to Generator	Metal	H800xW600xD300

Enclosed Life Safety Automatic Changeover (ATS) Units

Enclosed Metal IP4X Single Phase and Three Phase Life Safety Automatic Changeover (ATS) Units



Enclosed metal IP4X single phase and three phase life safety automatic changeover (ATS) units. Designed and built in the UK to BSEN 60947-6-1. Complies with BSEN 9999.

Enclosure Specification

- Sheet steel (EN 10130 DC01)
Body : 1.2 / 1.5 mm
Door : 1.2 / 1.5 mm
- RAL 7035w powder coating
- Galvanized steel (EN 10346 DX51D+Z)
Mounting plate : 1.5 - 2 mm
- IP66 Rated enclosure (TS 3033, EN 60529)
- Fully welded construction
- Foamed-in door PU sealing gasket
- Solid top and bottom gland plates with PE gasket
- 5 mm Double-bit insert polyamide lock
- Wall mountable

Automatic Changeover Features

- Single and three phase ATS
- Rated at 230V or 400V AC
- Network/network and network/genset
- Motorised changeover
- Can be used in manual mode if required
- Automatic switch over between supplies
- Adjustable transfer / back-switching delay

Product Code	Rating	Pole	Type	Enclosure	Dimensions
ATS40	40A	2 / 4 Pole	Mains to Mains / Mains to Generator	Metal	H500xW400xD200
ATS63	60A	2 / 4 Pole	Mains to Mains / Mains to Generator	Metal	H500xW400xD200
ATS80	80A	2 / 4 Pole	Mains to Mains / Mains to Generator	Metal	H600xW400xD200
ATS125	125A	2 / 4 Pole	Mains to Mains / Mains to Generator	Metal	H600xW400xD200

Enclosed 4 Pole Normally Open Based Mounted Contactors

Enclosed Metal IP66 4 Pole Normally Open Based Mounted Contactors



Enclosed metal IP66 4 pole normally open base mounted contactors.

- Sheet steel (EN 10130 DC01)
- RAL 7035w powder coating
- Galvanized steel (EN 10346 DX51D+Z)
- IP66 Rated enclosure (TS 3033, EN 60529)
- Fully welded construction
- Top and bottom gland plates with PE gasket
- Voltage - 400V AC
- 4 Pole normally open
- Contact status indication
- Thermal overload relays available
- Variety of coils field exchangeable
- Auxiliary contact available

Product Code	AC1	AC3	Pole	Coil	Dimensions
HDC0604MT	60A	40A	4 Pole	230V	H400xW300xD200
HDC0804MT	80A	50A	4 Pole	230V	H400xW300xD200
HDC1004MT	100A	65A	4 Pole	230V	H400xW300xD200
HDC1254MT	125A	85A	4 Pole	230V	H600xW400xD300
HDC1604MT	160A	105A	4 Pole	100V-230V	H600xW400xD300
HDC2504MT	250A	150A	4 Pole	100V-230V	H600xW400xD300
HDC4204MT	420A	330A	4 Pole	100V-230V	H700xW500xD300

Notes

A series of horizontal dotted lines for writing notes.

IP Protection

The IP Code, or Ingress Protection code, IEC standard 60529, sometimes interpreted as International Protection marking, classifies and rates the degree of protection provided by mechanical casings and electrical enclosures against intrusion, dust, accidental contact, and water. It is published by the International Electrotechnical commission (IEC)

IP Protection - Code Break Down

The IP Code is broken down into 3 parts shown in the table below;



IP Indication	1st Digit: Solid Particle Protection	2nd Digit: Liquid Ingress Protection
IP	Single numeral: 0-6 or "X"	Single numeral: 0-9 or "X"
Mandatory	Mandatory	Mandatory

1st Digit: Solid Particle Protection

The first digit indicates the level of protection that the enclosure provides against access to hazardous parts (e.g. electrical conductors, moving parts) and the ingress of solid foreign objects.

Level	Effective Against	Description
0	-	No protection against the ingress of objects.
1	>50mm	Any large surface of the body, such as the back of a hand but no protection against deliberate contact with a body part.
2	>12.5mm	Fingers or similar objects.
3	>2.5mm	Tools, thick wires, etc.
4	>1mm	Most wires, slender screws, etc.
5	Dust protected	Ingress of dust is not entirely prevented, but it must not enter in sufficient quantity to interfere with the satisfactory operation of the equipment; complete protection against contact (dust proof)
6	Dust tight	No ingress of dust; complete protection against contact (dust tight). A vacuum must be applied. Test duration of up to 8 hours based on air flow.

2nd Digit: Liquid Particle Protection

The second digit indicates the level of protection that the enclosure provides against harmful ingress of water.

Level	Effective Against	Description	Period / Volume
0	-	-	-
1	Dripping water	Dripping water (vertically falling drops) shall have no harmful effect.	Test duration: 10 min. Water equivalent to 1 mm rainfall per min.
2	Dripping water when tilted up to 15°	Vertically dripping water shall have no harmful effect when the enclosure is tilted at an angle up to 15° from its normal position.	Test duration: 10 minutes Water equivalent to 3mm rainfall per min.
3	Spraying water	Water falling as a spray at any angle up to 60° from the vertical shall have no harmful effect.	Test duration: 5 min. Water equivalent to 0.7 litres per min. Pressure: 80-100 kPa
4	Water splashing	Water splashing against the enclosure from any direction shall have no harmful effect.	Test duration: 5 min. Water equivalent to 0.7 litres per min. Pressure: 80-100 kPa
5	Water jets	Water projected in powerful jets (12.5mm nozzle) against the enclosure from any direction shall have no harmful effects.	Test duration: at least 15 min. Water equivalent to 12.5 litres per min. Pressure: 30 kPa at distance of 3 m.
6	Powerful water jets	Water projected in powerful jets (12.5mm nozzle) against the enclosure from any direction, under elevated pressure, shall have no harmful effects	Test duration: at least 3 min. Water volume: 100 litres per min. Pressure: 30 kPa at distance of 3 m.
6K	Powerful water jets with increased pressure	Water projected in powerful jets (12.5mm nozzle) against the enclosure from any direction, under elevated pressure, shall have no harmful effects.	Test duration: at least 3 min. Water volume: 75 litres per min. Pressure: 1000 kPa at distance of 3 m.
7	Immersion up to 1m	Ingress of water in harmful quantity shall not be possible when the enclosure is immersed in water under defined conditions of pressure and time (up to 1 m of submersion).	Test duration: at least 5 min. Water volume: 10 litres per min. Pressure: 80-100 kPa.
8	Immersion beyond 1m	The equipment is suitable for continuous immersion in water under conditions which shall be specified by the manufacturer. Normally, this will mean that the equipment is hermetically sealed. However, with certain types of equipment it can mean that water can enter but only in such a manner that it produces no harmful effects	Test duration: continuous immersion in water. Depth specified by manufacturer, generally up to 3m.
9K	Powerful high temperature water jets	Protected against close-range high pressure, high temperature spray downs	-

Terms and Conditions of Sale

NETT MONTHLY

2.5% settlement discount allowed, providing payment is made within 1 month following month of invoice. Otherwise strictly NETT. In the event of a default by a customer in accordance with agreed terms the company shall be entitled to suspend all deliveries without notice.

NEW ACCOUNTS

Prospective customers wishing to open accounts should apply on the appropriate application form, acknowledging these terms and conditions. Requests for account application forms can be made at creditcontrol@protekuk.co.uk.

DELIVERY, PROPERTY & RISK

(1) Delivery shall be deemed to be effective and the risk in the goods shall pass:

- a. In the case of goods to be collected by the buyers agent - when the goods are loaded onto the vehicle collecting them;
- b. In the case of goods to be supplied CJF and FOB when the goods pass over the ships rails at port of shipment; and
- c. In other cases - when the goods are unloaded at the address nominated by the buyers agent for delivery.

(2) Property of the goods shall pass to the buyer only when the company shall have received payment in full for the goods. Until such time the goods remain the absolute property of the company and the company shall have the right to enter onto the buyers premises to recover the goods supplied hereunder.

PRICES

(1) Unless otherwise agreed by the company in writing, all prices stated are those ruling at the date of quotation or acceptance of order and will be subject to adjustment to the prices ruling at the date of despatch.

(2) Prices shown do not include Value Added Tax (VAT), which is shown on invoices as a separate charge at the appropriate rate.

(3) Please note: All prices are subject to change without notice and are not guaranteed due to issues outside of our control.

DELIVERY / DISPATCH

(1) Carriage paid on all orders over £275GBP NETT invoice value to UK mainland destinations by our nominated transport arrangements. Channel Islands, Isle of Man, Northern Ireland; Please contact us regarding shipping arrangements.

(2) Whilst we endeavor to maintain delivery dates, it is a condition of sale that we shall not be liable for damages, direct, consequential or otherwise, for late delivery, nor under any other liability in respect thereto.

DAMAGE OR LOSS IN TRANSIT

The company accepts no liability for loss or damage in transit (unless the company acts as carrier) and claims for such damage or loss shall be made by the buyer to the carrier. In other case of damage or deterioration, both the company and the carrier (if different) should be informed, in writing, within three (3) days of receipt of the goods by the buyer. In the case of loss (total or partial) the company and the carrier (if different) must be informed, in writing, within seven (7) days of receipt of the company's invoice.

CLAIMS

Written notification for claims regarding shortages, non-delivery or damage to goods must be submitted within fourteen (14) days from date of invoice, other- wise no liability will be accepted by the company.

RETURN OF GOODS

The return of goods will only be accepted by prior arrangement and must be carriage paid. A handling charge of 25% will be payable.

HEALTH & SAFETY AT WORK ACT 1974

Statements to purchasers and prospective purchasers.

Section 6 of this act provides that manufacturers, designers, importers or suppliers of articles for use at work have a duty to ensure, so far as is reasonably practicable, that the article will be safe and without risk to health when properly used. An article is not regarded as being 'properly used' if it is used without regard to any relevant information or advice relating to its use that is made available by the manufacturer, designer, importer or supplier.

PRODUCT LIABILITY

(1) The purchaser relies on his own skill and judgement as to the suitability of all goods offered and supplied for any particular purpose or for use under any specific conditions.

(2) In the event of any article supplied proving defective in material or workmanship, within a twelve month period, we undertake to replace or repair this free of charge, which shall be the limit of our responsibility. We do not accept liability for any other costs, direct or indirect, arising from such defective goods. Defective goods are to be returned to the company for investigation if we so request.

CANCELLATION OF ORDERS

The purchaser shall not be entitled to cancel any order accepted by the company (Protek Electronics Ltd) without the company's written consent and without payment of any cancellation charges determined by the company.

DID YOU KNOW WE ALSO SUPPLY...

ENCLOSED PRODUCTS



AUTOMATIC CHANGEOVER SWITCHES
LIFE SAFETY AUTO TRANSFER SWITCHES (ATS)
RCBOS / CBR UNITS WITH ELR PROTECTION
ROTARY MCCBS



MCCB PANELBOARDS



125A RATED MINI MCCB PANELBOARDS
400A RATED MCCB PANELBOARDS
800A RATED MCCB PANELBOARDS
INCOMER KITS
METER KITS
SURGE PROTECTION KITS



SWITCHGEAR





SWITCH DISCONNECTORS
FUSED SWITCHES
SWITCH FUSES
MANUAL CHANGEOVER SWITCHES
BUSBAR CHAMBERS


FEATURING **ABB** SWITCH TECHNOLOGY




SWITCHBOARDS


THREE PHASE 'B' TYPE BOARDS




125A RATED THREE PHASE 'B' TYPE BOARDS
250A RATED THREE PHASE 'B' TYPE BOARDS
INCOMER KITS
METER KITS
SURGE PROTECTION KITS



PRODUCT GUIDE



ENCLOSURES & CONSUMER UNITS
DINRAIL MOUNTED DEVICES
SWITCH GEAR
THREE PHASE 'B' TYPE BOARDS
MCCB PANELBOARDS
SURGE PROTECTION
ENCLOSED PRODUCTS



FIBOX
Enclosing innovations

R/E
RYEFIELD ELECTRIC

ABB

Rayleigh Instruments
EST. 1944

TERASAKI
Innovators in Protection Technology

MERSEN

TEMPA PANO



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