

Distribution Board & Enclosure System

Edition 3



eureka
www.eurekaelectrical.com.au

Developed and
Manufactured in Australia

Distribution Board & Enclosure System



The Eureka Distribution Board & Enclosure System has been designed and manufactured in Australia to suit Australian standards & conditions.

In N42 Grey & X15 Orange, the range can be used as a standard 250A or 400A off the shelf distribution board, or a versatile enclosure system to help build up most switchboard assemblies up to 800A.

A wide range of electrical accessories help to compliment the range as well.

Eureka Distribution Boards : Page 3-5



- 12 - 96 Pole
- 250A and 400A Options
- Non-auto or Moulded Case Circuit Breaker Main Switch
- IP42 or IP56
- N42 Storm Grey or X15 Orange
- Plinths and Rain Hoods Available



Eureka Enclosure System : Page 6-18

- 300mm - 2100mm Enclosure Options
- Form 2 Segregation Available
- Energy Management Metering Panelboards
- Circutor Multi Function Power Meters, Compact CTs and Mounting Kits
- C-Bus Enclosures for Mounting Control Items
- Incoming Cable and Ventilation Enclosures
- 300mm Depth Option Extension Collars
- Cable Zone Enclosures
- Cable Termination Enclosures
- IP42 or IP56
- Variety of Escutcheons Available
- Circuit Breaker Chassis Mounting Brackets to suit MCB and MCCB
- Flush Mounting Kits



Electrical Accessories : Page 19-36

- LS Miniature Circuit Breakers and Susol Moulded Case Circuit Breakers to 630A and Accessories
- LS Residual Current Circuit Breakers and RCDs
- MCB Encapsulated Chassis to 400A in 18/27 & Hybrid Varieties to IEC-61439-2
- Time Clocks and Emergency Light Test Kits
- MCCB chassis to IEC-61439-2 800A
- Eureka Temporary Supply Switchboards & Take Off Boxes
- Standard Frame and Lighting Contactors
- Relays, Transformers, Pilot Lights & Cam Switches
- Rishabh Current Transformers
- Plastic and Metal DIN Mount MCB Enclosures
- DIN Terminals up to 240mm2
- Slotted Cable Duct
- PLUS Much More!



Eureka Distribution Boards



The Eureka Distribution Board is available from 18 to 96 poles in IP42 or IP56, in N42 (Grey) or X15 (Orange). With 600mm standard width and a depth of 230mm, accessories can be easily fitted and wired.



The Eureka distribution board range is designed to include the LS range of MCBs. Other manufacturer's MCBs can be fitted, please enquire. MCBs from 1A to 125A and 1 pole RCBO units from 10A to 32A can be fitted to either a 250A or 400A standard or hybrid chassis. For project pricing and drawings for construction approval, we are able to help provide a solution for your distribution board requirements. A comprehensive selectivity and discrimination software package is available to help with circuit breaker selection in the power distribution system. Distribution boards can be supplied fitted and wired to your needs.

Features include -

- 1.6mm steel welded door, 1.6mm cabinet and 1.2mm escutcheon
- From 12 to 96 pole with 250A or 400A non-auto or MCCB main switch as standard
- Encapsulated chassis rating 250A @ 25kA for 0.1sec, 400A @ 30kA for 0.1sec
- IP 42 or IP 56 in Grey (N42) or Orange (X15)
- Easy adaption of multi function power meters & compact CTs
- Plinth kits and rainhoods available
- Complete with schedule holder and circuit identification card
- Hinged escutcheons
- Supplied with 50% spare pole fillers on the escutcheon
- Continuous smoke seal on door
- Stiffeners on all escutcheons
- E&N Bars 250A and 400A, 2 x 8mm main studs with 2 x 35mm tunnel terminals
- Lockable handle with CL001 key (3-point locking in weatherproof versions)
- Earthing Studs on door and escutcheon
- Can be fitted with hybrid or 27mm pitch chassis
- Can be fitted with 250A or 400A chassis
- All escutcheons supplied as gloss white
- Special escutcheons can be made to order



Notes : All distribution boards are supplied with: 3 pole 250A or 400A chassis (18mm pitch), Main switches to suit Amp rating, 250A or 400A earth and neutral bars, 50% pole fillers on the escutcheon, IP42 smoke seal rubber fitted on door, IP56 models with weatherproof return to suit the door seal, hinged escutcheons, schedule holder and circuit designation label.



EUR-MDB60G

IP42 Distribution Boards with 250A Non-auto Main Switch

Part no. N42 grey	X15 orange	No. of poles	Height	Width	Depth
EUR-MDB12G	EUR-MDB12OR	12	750	600	230
EUR-MDB18G	EUR-MDB18OR	18	750	600	230
EUR-MDB24G	EUR-MDB24OR	24	750	600	230
EUR-MDB30G	EUR-MDB30OR	30	900	600	230
EUR-MDB36G	EUR-MDB36OR	36	900	600	230
EUR-MDB42G	EUR-MDB42OR	42	900	600	230
EUR-MDB48G	EUR-MDB48OR	48	1050	600	230
EUR-MDB60G	EUR-MDB60OR	60	1050	600	230
EUR-MDB72G	EUR-MDB72OR	72	1200	600	230
EUR-MDB84G	EUR-MDB84OR	84	1500	600	230
EUR-MDB96G	EUR-MDB96OR	96	1500	600	230



EUR-MDB36G2MC

IP42 Distribution Boards with 400A Non-auto Main Switch

Part no. N42 grey	X15 orange	No. of poles	Height	Width	Depth
EUR-MDB24G4NA	EUR-MDB24O4NA	24	1050	600	230
EUR-MDB36G4NA	EUR-MDB36O4NA	36	1050	600	230
EUR-MDB48G4NA	EUR-MDB48O4NA	48	1200	600	230
EUR-MDB60G4NA	EUR-MDB60O4NA	60	1200	600	230
EUR-MDB72G4NA	EUR-MDB72O4NA	72	1500	600	230
EUR-MDB84G4NA	EUR-MDB84O4NA	84	1500	600	230
EUR-MDB96G4NA	EUR-MDB96O4NA	96	1800	600	230

IP42 Distribution Boards with 250A MCCB Main Switch

Part no. N42 grey	X15 orange	No. of poles	Height	Width	Depth
EUR-MDB24G2MC	EUR-MDB24O2MC	24	1050	600	230
EUR-MDB36G2MC	EUR-MDB36O2MC	36	1050	600	230
EUR-MDB48G2MC	EUR-MDB48O2MC	48	1200	600	230
EUR-MDB60G2MC	EUR-MDB60O2MC	60	1200	600	230
EUR-MDB72G2MC	EUR-MDB72O2MC	72	1500	600	230
EUR-MDB84G2MC	EUR-MDB84O2MC	84	1500	600	230
EUR-MDB96G2MC	EUR-MDB96O2MC	96	1800	600	230



EUR-MDB36G4MC

IP42 Distribution Boards with 400A MCCB Main Switch

Part no. N42 grey	X15 orange	No. of poles	Height	Width	Depth
EUR-MDB24G4MC	EUR-MDB24O4MC	24	1050	600	230
EUR-MDB36G4MC	EUR-MDB36O4MC	36	1050	600	230
EUR-MDB48G4MC	EUR-MDB48O4MC	48	1200	600	230
EUR-MDB60G4MC	EUR-MDB60O4MC	60	1200	600	230
EUR-MDB72G4MC	EUR-MDB72O4MC	72	1500	600	230
EUR-MDB84G4MC	EUR-MDB84O4MC	84	1500	600	230
EUR-MDB96G4MC	EUR-MDB96O4MC	96	1800	600	230

IP56 Distribution Boards



IP56 Distribution Boards with 250A Non-auto Main Switch

Part no. N42 grey	X15 orange	No. of poles	Height	Width	Depth
EUR-MDB12G/WP	EUR-MDB12OR/WP	12	750	600	230
EUR-MDB18G/WP	EUR-MDB18OR/WP	18	750	600	230
EUR-MDB24G/WP	EUR-MDB24OR/WP	24	750	600	230
EUR-MDB30G/WP	EUR-MDB30OR/WP	30	900	600	230
EUR-MDB36G/WP	EUR-MDB36OR/WP	36	900	600	230
EUR-MDB42G/WP	EUR-MDB42OR/WP	42	900	600	230
EUR-MDB48G/WP	EUR-MDB48OR/WP	48	1050	600	230
EUR-MDB60G/WP	EUR-MDB60OR/WP	60	1050	600	230
EUR-MDB72G/WP	EUR-MDB72OR/WP	72	1200	600	230
EUR-MDB84G/WP	EUR-MDB84OR/WP	84	1500	600	230
EUR-MDB96G/WP	EUR-MDB96OR/WP	96	1500	600	230



EUR-MDB60OR/WP

IP56 Distribution Boards with 400A Non-auto Main Switch

Part no. N42 grey	X15 orange	No. of poles	Height	Width	Depth
EUR-MDB24G4NAWP	EUR-MDB24O4NAWP	24	1050	600	230
EUR-MDB36G4NAWP	EUR-MDB36O4NAWP	36	1050	600	230
EUR-MDB48G4NAWP	EUR-MDB48O4NAWP	48	1200	600	230
EUR-MDB60G4NAWP	EUR-MDB60O4NAWP	60	1200	600	230
EUR-MDB72G4NAWP	EUR-MDB72O4NAWP	72	1500	600	230
EUR-MDB84G4NAWP	EUR-MDB84O4NAWP	84	1500	600	230
EUR-MDB96G4NAWP	EUR-MDB96O4NAWP	96	1800	600	230

IP56 Distribution Boards with 250A MCCB Main Switch

Part no. N42 grey	X15 orange	No. of poles	Height	Width	Depth
EUR-MDB24G2MCWP	EUR-MDB24O2MCWP	24	1050	600	230
EUR-MDB36G2MCWP	EUR-MDB36O2MCWP	36	1050	600	230
EUR-MDB48G2MCWP	EUR-MDB48O2MCWP	48	1200	600	230
EUR-MDB60G2MCWP	EUR-MDB60O2MCWP	60	1200	600	230
EUR-MDB72G2MCWP	EUR-MDB72O2MCWP	72	1500	600	230
EUR-MDB84G2MCWP	EUR-MDB84O2MCWP	84	1500	600	230
EUR-MDB96G2MCWP	EUR-MDB96O2MCWP	96	1800	600	230

IP56 Distribution Boards with 400A MCCB Main Switch

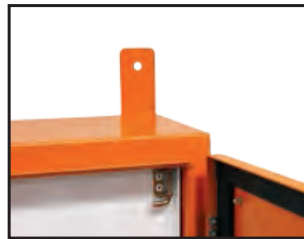
Part no. N42 grey	X15 orange	No. of poles	Height	Width	Depth
EUR-MDB24G4MCWP	EUR-MDB24O4MCWP	24	1050	600	230
EUR-MDB36G4MCWP	EUR-MDB36O4MCWP	36	1050	600	230
EUR-MDB48G4MCWP	EUR-MDB48O4MCWP	48	1200	600	230
EUR-MDB60G4MCWP	EUR-MDB60O4MCWP	60	1200	600	230
EUR-MDB72G4MCWP	EUR-MDB72O4MCWP	72	1500	600	230
EUR-MDB84G4MCWP	EUR-MDB84O4MCWP	84	1500	600	230
EUR-MDB96G4MCWP	EUR-MDB96O4MCWP	96	1800	600	230

Eureka Enclosure System

The Eureka Enclosure System is a versatile range developed with the installer / workshop fitter in mind. Either as a power distribution system or mechanical services form 2 switchboard, the Eureka range caters to many needs.

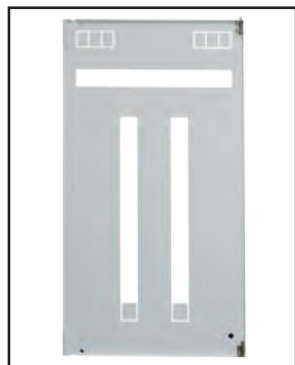
IP56 Rated Enclosures

All IP56 distribution boards & accessory enclosures are complete with external mounting brackets, rain gutters & weatherproof seals.



Escutcheons

Either in slotted, blank or C-bus style. Available in gloss white.



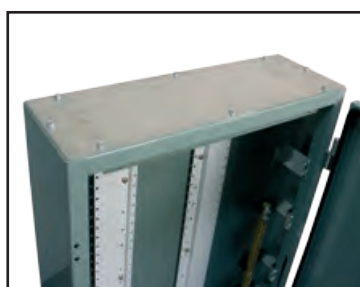
MCCB Chassis

800A MCCB single sided chassis can be easily added with the aid of mounting brackets to bring the chassis to the correct height of the escutcheon.



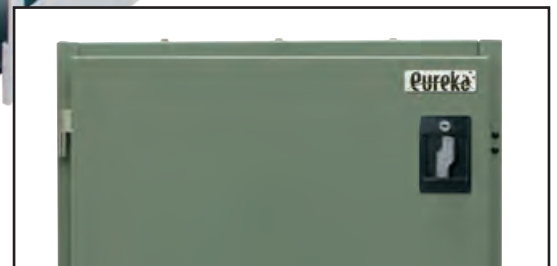
Accessory enclosures

C-bus or air conditioning controllers or an option of blank enclosure with gear pans fitted from 300mm to 2100mm.



Top & bottom gland plates

Sealed for easy cable entry & exit 1 x 3mm aluminium, 1 x 1.6mm mild steel as standard.



Colour & IP ratings

Available in X15 (Orange) or N42 (Grey) and as IP42 or IP56

Enclosures

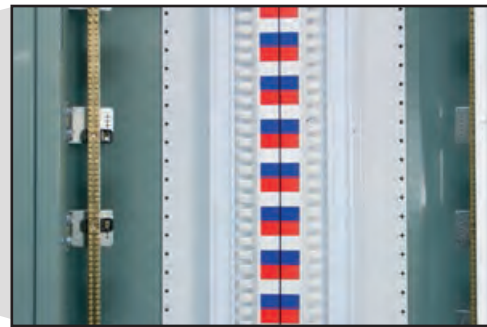
From 300mm to 2100mm H, 600mm W & 230mm D (with option of 300mm depth using extension collars) IP42 only.

Cable Duct Mounting

Studs on rear of doors help with mounting of cable duct to keep wiring to components mounted on the door tidy

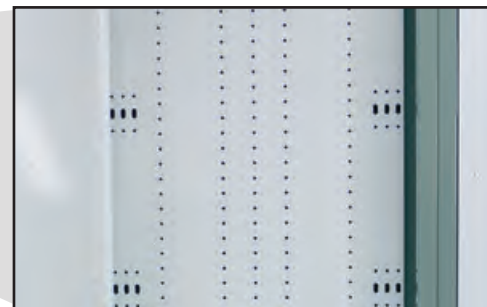
Main switch

250A or 400A Non-auto or MCCB with up to 20 poles of DIN rail for mounting accessories next to the main switch



Encapsulated chassis 250A (25ka / 0.1 sec) or 400A (30ka / 0.1 sec)

250A or 400A encapsulated chassis to 96 pole, or hybrid versions to 72 pole. Earth and Neutral bar assemblies 250A or 400A.



Gear pans

Pre-drilled with returns and in sizes from 150mm to 1950mm for mounting accessories, DIN rails, slotted duct or control devices, etc.

Accessories include:

- Rain hoods
- Extension collars
- Galvanised & steel plinth kits
- Flush mount kits
- Cable zones
- Cable termination enclosures
- Incoming cable / ventilation enclosures

Segregation kits

Available to help with form 2 applications or where a physical barrier is required within the enclosure. Complete with cable entry knockouts





AB07-OR

IP42 Accessory Module Enclosure

For mounting control components and building an enclosure system to suit a particular need. Complete with Mounting Rail studs fitted. Mounting rails need to be ordered separately.

Part no.		Height	Width	Depth
N42 grey	X15 orange			
AB03-G	AB03-OR	300	600	230
AB04-G	AB04-OR	450	600	230
AB06-G	AB06-OR	600	600	230
AB07-G	AB07-OR	750	600	230
AB09-G	AB09-OR	900	600	230
AB10-G	AB10-OR	1050	600	230
AB12-G	AB12-OR	1200	600	230
AB15-G	AB15-OR	1500	600	230
AB18-G	AB18-OR	1800	600	230
AB21-G	AB21-OR	2100	600	230

IP56 Accessory Module Enclosure

For mounting control components and building an enclosure system to suit a particular need. Complete with Mounting Rail studs fitted. Mounting rails need to be ordered separately.

Part no.		Height	Width	Depth
N42 grey	X15 orange			
AB03-WP-G	AB03-WP-OR	300	600	230
AB04-WP-G	AB04-WP-OR	450	600	230
AB06-WP-G	AB06-WP-OR	600	600	230
AB07-WP-G	AB07-WP-OR	750	600	230
AB09-WP-G	AB09-WP-OR	900	600	230
AB10-WP-G	AB10-WP-OR	1050	600	230
AB12-WP-G	AB12-WP-OR	1200	600	230
AB15-WP-G	AB15-WP-OR	1500	600	230
AB18-WP-G	AB18-WP-OR	1800	600	230
AB21-WP-G	AB21-WP-OR	2100	600	230

Note : All Accessory Module Enclosures are not supplied with escutcheons. Please refer to P.18 for details.

IP42 C-Bus Control Components DIN Enclosure

For mounting lighting control accessories and din mount products. Complete with DIN rail, mounting brackets and escutcheon.

Part no.		Din rail Quantity	Height	Width	Depth
N42 grey	X15 orange				
CBB03-01-G	CBB03-01-OR	1 x 26 poles	300	600	230
CBB04-02-G	CBB04-02-OR	2 x 26 poles	450	600	230
CBB06-03-G	CBB06-03-OR	3 x 26 poles	600	600	230
CBB09-04-G	CBB09-04-OR	4 x 26 poles	900	600	230
CBB10-05-G	CBB10-05-OR	5 x 26 poles	1050	600	230
CBB12-06-G	CBB12-06-OR	6 x 26 poles	1200	600	230
CBB15-08-G	CBB15-08-OR	8 x 26 poles	1500	600	230
CBB18-09-G	CBB18-09-OR	9 x 26 poles	1800	600	230
CBB21-11-G	CBB21-11-OR	11 x 26 poles	2100	600	230

IP56 C-Bus Control Components DIN Enclosure

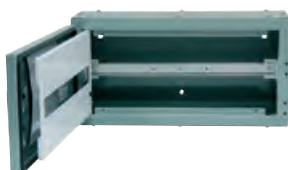
For mounting lighting control accessories and din mount products. Complete with DIN rail, mounting brackets and escutcheon.

Part no.		Din rail Quantity	Height	Width	Depth
N42 grey	X15 orange				
CBB03-01-WP-G	CBB03-01-WP-OR	1 x 26 poles	300	600	230
CBB04-02-WP-G	CBB04-02-WP-OR	2 x 26 poles	450	600	230
CBB06-03-WP-G	CBB06-03-WP-OR	3 x 26 poles	600	600	230
CBB09-04-WP-G	CBB09-04-WP-OR	4 x 26 poles	900	600	230
CBB10-05-WP-G	CBB10-05-WP-OR	5 x 26 poles	1050	600	230
CBB12-06-WP-G	CBB12-06-WP-OR	6 x 26 poles	1200	600	230
CBB15-08-WP-G	CBB15-08-WP-OR	8 x 26 poles	1500	600	230
CBB18-09-WP-G	CBB18-09-WP-OR	9 x 26 poles	1800	600	230
CBB21-11-WP-G	CBB21-11-WP-OR	11 x 26 poles	2100	600	230

Notes : All C Box control enclosures are supplied with : Din rail bracket fitted with din rail (refer table above for quantities).



CBB15-08-OR



CBB03-01-G

Eureka Energy Metering Panelboards



- > Available in N42 (grey) and X15 (orange)
- > Suits LS MCB & RCBOs
- > Hinged escutcheon
- > IP42 or IP56
- > Compact and easy to install CT / Metering arrangement which allows the enclosure size required to be at least 25% smaller than similar products on the market.
- > Can accommodate multiple meters to suit multiple chassis arrangements



Separate light and power energy meters, Circutor mini type power analyser in either Modbus, BACnet or LonWorks communication.

Compact & versatile C.T. installation format allows for metering to be easily adapted to existing Eureka Panelboards

Fully shrouded live parts IP2X

Busbar and mains cable connection fully rated at 250A

Compact 250A main switch

Individual protection for meters

DIN mounting space up to 12 poles but can be expanded to 22 poles

Double screw Earth & Neutral bars

Split chassis for Light & Power

Duct for fast and neat installation



Circutor Multi Function Power Meters and Compact MC3 Current Transformers

The Circutor range of Multi function meters have been established in the Australian market for many years. With features which include -

Modbus, Bacnet and Lonworks protocol available on separate meters
52.5mm width and din mount. Can be mounted to the front panel with the addition of 72mm front adaptor

Class 0.5 operation

Nominal voltage 300Vac (Ph - N) 520Vac (Ph - Ph)

RS485 communication

2 x transistor outputs

Consumption 3vA

Dimension - 52.5mm x 85mm x 67.9mm (3 modules)

Sealable

Please call your distributor for a detailed spec sheet which includes all technical data



M52021



M52021 & M55921



M73123



M73122



M73121



**DB-CTSUPP2
with M73122 fitted**



Part no.	Description
M52021	CVM-MINI-ITF485 Circutor MFM Din mount suits standard 5A secondary C.T,s. Modbus protocol
M52081	CVM-MINI-MC-ITF-485 Circutor MFM Din Mount suits MC3-... 250mA Compact CT. Modbus protocol
M520F1	CVM-MINI-ITF-BACNET Circutor MFM Din Mount suits standard 5A secondary C.T,s. Bacnet protocol
M520H1	CVM-MINI-MC-ITF-BACNET Circutor MFM Din Mount suits MC3-... 250mA Compact CT Bacnet protocol
M52091	CVM-MINI-ITF-LONWORKS Circutor MFM Din Mount suits standard 5A secondary C.T,s. Lonworks protocol
M55911	CVM-C10-ITF-485 Circutor MFM 96x96mm Panel mount. Modbus protocol
M55921	CVM-C10-ITF-485 Circutor MFM 96x96mm Panel mount suits MC3-... 250mA Compact CT. Modbus protocol
M73123	MC3-250 Circutor 250A CT to suit CVM-MINI 250mA Secondary
M73122	MC3-125 Circutor 125A CT to suit CVM-MINI 250mA Secondary
M73121	MC3-63 Circutor 63A CT to suit CVM-MINI 250mA Secondary
M5ZZF1	72mm x 72mm front panel mount adaptor to suit din mount CVM MINI

CT Support Bracket

PVC mounting support bracket for mounting the MC3 current transformer into the base of the Eureka Enclosure

Bracket mounts 250, 125 and 63A units

Part no.	Description
DB-CTSUPP1	PVC support for mounting 250A circutor compact CT separately
DB-CTSUPP2	PVC support for mounting 125A circutor compact CT separately
DB-CTSUPP3	PVC support for mounting 63A circutor compact CT separately

Metering Connection Tags and Shrouds

Metering Connection Tags and Shrouds / Mounting Kits

The Eureka range of Distribution boards have been adapted to fit a unique metering system which is easily fitted to existing or new Eureka distribution boards. The system can also be fitted to stand alone EMS style or flat pan MCB chassis with the simple addition of numerous copper tags and shrouds.

This mounting system suits the Circutor CVM mini MFM and MC3 compact 250A CT.

Part no.	Description
DB-METTAGS1	Copper Tags to suit from EUR-3-250 to EMS MCB chassis (set of 3)
DB-METTAGS2	Copper tags to suit EUR-3-250 to flat pan single and multiple split chassis (set of 3)
DB-MET SHROUD1	Top Shroud to suit EUR-3-250 to EMS MCB chassis
DB-MET SHROUD2	Bottom Shroud to suit EUR-3-250 to flat pan single and multiple split chassis
DB-MET SUPPORT1	Bakelite support to suit DB-METTAGS2
DB-MET SUPPORT2	Support to suit DB-MET SUPPORT 1
GKU2W16-CT	CT disconnection terminal (set of 2)

Eureka*



GKU2W16-CT

The system is also available as a kit which includes all screws / washers etc for adapting the kit onto either the EMS MCB chassis or flat pan single and multiple chassis arrangement.

Single Chassis Metering Mounting Kit (suits Eureka 250A EMS chassis)

Part no.	Description
DB-MET KIT1	CT mounting kit to suit EMS chassis metering

Comprises -

DB-MET SHROUD1

DB-METTAGS1

Includes all fixing screws and bolts / washers



DB-MET KIT1

Multiple Chassis Metering Mounting Kit (suits Eureka 250A multiple chassis arrangement)

Part no.	Description
DB-MET KIT 2	CT mounting kit to suit flat pan single and multiple split chassis

Comprises -

DB-MET SHROUD1

DB-METTAGS1

DB-MET SHROUD2

DB-METTAGS2

DB-MET SUPPORT1

DB-MET SUPPORT2

Includes all fixing screws and bolts / washers



DB-MET KIT2



AB18-G segregated into:
Top section 1050
Bottom section 750

Segregation Format Table

This table depicts the different format options that can be created when using the removable segregation partition inside an AB accessory module enclosure.

This option can be used in both the IP42 and IP56 accessory module enclosures.

Enclosure part no.	Enclosure height mm	Format options	
		Top section	Bottom section
AB10-...	1050	750	300
		300	750
		750	450
AB12-...	1200	900	300
		450	750
		300	900
AB15-...	1500	900	600
		750	750 (not IP56)
		600	900
AB18-...	1800	1200	600
		1050	750
		900	900 (not IP56)
		750	1050
AB21-...	2100	600	1200
		1500	600
		1200	900
		1050	1050 (not IP56)
		900	1200
		600	1500



DB-RMUL6S-W

Segregation Barrier Kits

When used in conjunction with the segregation format table above, a segregation barrier can be formed inside an AB accessory enclosure. Compartments with separate escutcheons can be formed in both IP42 and IP56 AB accessory enclosures. Used when a form 2 physical barrier is required inside a AB accessory enclosure.

Segregation Bottom Piece

Part no.

DB-RMUL6S-W	Gloss white
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DB-RMUL6-W

Escutcheon Segregation Top Piece

Used when mounting separate escutcheons inside an AB accessory enclosure. Gloss white.

When used in an IP42 AB accessory enclosure

Gloss White

DB-RMUL6-W

When used in an IP56 AB accessory enclosure

Gloss White

DB-RMUL6-WP-W

Mounting Rails, Cable Zones, Termination Enclosures & Extension Collars

AB Accessory Enclosure Mounting Rails

Used when mounting segregation barriers, gear pans, chassis, mounting brackets & top hats within the AB Accessory Enclosure. (2 required per enclosure).

Part no.	Description	Length
EUMDBRAIL300	Enclosure mounting rail gloss white to suit AB03	300
EUMDBRAIL450	Enclosure mounting rail gloss white to suit AB04	450
EUMDBRAIL600	Enclosure mounting rail gloss white to suit AB06	600
EUMDBRAIL750	Enclosure mounting rail gloss white to suit AB07	750
EUMDBRAIL900	Enclosure mounting rail gloss white to suit AB09	900
EUMDBRAIL1050	Enclosure mounting rail gloss white to suit AB10	1050
EUMDBRAIL1200	Enclosure mounting rail gloss white to suit AB12	1200
EUMDBRAIL1500	Enclosure mounting rail gloss white to suit AB15	1500
EUMDBRAIL1800	Enclosure mounting rail gloss white to suit AB18	1800
EUMDBRAIL2100	Enclosure mounting rail gloss white to suit AB21	2100

Eureka*



EUMDBRAIL450

Cable Zones

Helps with running cables to the top / bottom of the Eureka enclosure depending on the cable entry required. Minimises cable congestion within the enclosure. Mounts directly next to the Eureka enclosure system enclosure and helps with connection of larger cables 150mm wide and is available to suit enclosures from 1200mm to 2100mm In N42 grey or X15 orange. With lift off door
Comes complete with fitted cable tray in rear of enclosure
IP42 (Please enquire for IP56 units)

Part no.				
N42 grey	X15 orange	Height	Width	Depth
CZ1200G	CZ1200OR	1200	150	230
CZ1500G	CZ1500OR	1500	150	230
CZ1800G	CZ1800OR	1800	150	230
CZ2100G	CZ2100OR	2100	150	230



CZ1200OR

Cable Termination Enclosures

Lifts the enclosure up to help with terminating large cables / conduits into the Eureka enclosure in 600, 1200 and 1800 wide (1, 2 and 3 tier)

Part no.					
N42 grey	X15 orange	Height	Width	Depth	
EU-MDB-CMG-1T-G	EU-MDB-CMG-1T-OR	300	600	200	
EU-MDB-CMG-2T-G	EU-MDB-CMG-2T-OR	300	1200	200	
EU-MDB-CMG-3T-G	EU-MDB-CMG-3T-OR	300	1800	200	

Extension collar (can only be used on IP42 enclosures)

Allows for an extra 100mm to be added to the depth of the distribution board to allow for the fitting of larger components (large contactors, Moulded case circuit breakers, lighting control components etc.)

Part no.				
N42 storm grey	X15 orange	Depth	Height	Width
DB-EXT03-G	DB-EXT03-OR	100	300	600
DB-EXT04-G	DB-EXT04-OR	100	450	600
DB-EXT06-G	DB-EXT06-OR	100	600	600
DB-EXT07-G	DB-EXT07-OR	100	750	600
DB-EXT09-G	DB-EXT09-OR	100	900	600
DB-EXT10-G	DB-EXT10-OR	100	1050	600
DB-EXT12-G	DB-EXT12-OR	100	1200	600
DB-EXT15-G	DB-EXT15-OR	100	1500	600
DB-EXT18-G	DB-EXT18-OR	100	1800	600
DB-EXT21-G	DB-EXT21-OR	100	2100	600



DB-EXT07-G
Fitted to AB Accessory Enclosure

Eureka*



DB-PLINTH-B



DB-PLINTH-GAL



DB-INCABENC-OR with EUMDBGP-OR



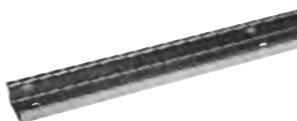
DB-INCABENC-OR with EUMDBVL-OR



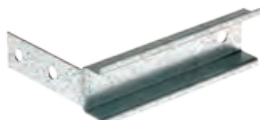
DB-RH60-G



DB-PLINTH GASKET



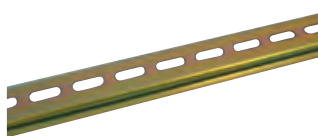
EUMDBDINRAIL



EUMCCBDINRAIL



EUMETDINRAIL



RS-35D8

Plinth

Raises the enclosure above incoming cables and also enables a mechanical protection. Allows for an enclosure to be free standing. Complete with gasket.

Part no.	Height	Width	Depth	Colour
DB-PLINTH-B	50	600	200	Gloss black

Galvanised Channel Plinth

Galvanised channel plinth for mounting underneath the Eureka enclosure system. Allows for the enclosure to be free standing with lifting holes

Part no.	Height	Width	Depth
DB-PLINTH-GAL	100	600	200

Incoming Cable / Ventilation Enclosure

Helps to organise cables entering the enclosure. Also available with ventilation Louvre to help with removing heat from the enclosure if required

Part no.		Height	Width	Depth
N42 grey	X15 orange	200	600	200
DB-INCABENC-G	DB-INCABENC-OR	Incoming cable enclosure. Gland plate or ventilation Louvre also need to be selected		
EUMDBGP-G	EUMDBGP-OR	Gland plate to suit		
EUMDBVL-G	EUMDBVL-OR	Ventilation Louvre to suit		

Locking kit to suit L/H Doors

When using the enclosure as left handed door hinging, this locking kit needs to be fitted (IP42 only)

Part no.	Description
ALF01	Left handed door operation locking kit with CL001 key

Rain Hood

Helps to keep weather from deteriorating the switchboard when mounted outdoors. Used with an IP56 enclosure only. Complete with gasket.

Part no.	
N42 storm grey	X15 orange
DB-RH60-G	DB-RH60-OR

Plinth / Rain Hood Gasket

Used when mounting either a plinth or rain hood to an enclosure. Also ideal for creating an IP rated barrier when mounting 2 enclosures together.

Part no.	Description
DB-PLINTH GASKET	Plinth gasket to suit DB-PLINTH-B and DB-RH60-...

DIN Rails

Part no.	Description
EUMDBDINRAIL	Din rail full length to suit eureka enclosure. Used in conjunction with DB-MS-BKT-SP
EUMCCBDINRAIL	Din rail to suit MCCB main switch 15mm. Used in conjunction with DB-MS-BKT-SP
EUMETDINRAIL	Din mount bracket for mounting to the top of Eureka distribution board. Used in conjunction with DB-MS-BKT-SP
RS-35D8	2 metre steel slotted din rail 8mm for mounting items to gear pans
TS35D8	2 metre aluminium solid din rail 8mm for mounting items to gear pans

Main Switch Connection Accessories, Gear Pans & Flush Mounting Kits

Main Switch DIN Bracket

Supports din rail mounted components next to the main switch and when DIN mounted products need to be accessed through the escustcheon.

2 required per set

Part no.	Colour
DB-MS-BKT-SP	Galvanised steel

Eureka*

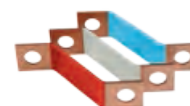


DB-MS-BKT-SP

Connection Tags

Used between 250 and 400A MCCB and MCB chassis in the enclosure

Part no.	Description
DB-TAG250	Connection tag set for 250A chassis to 250A MCCB main switch set of 3
DB-TAG400	Connection tag set for 400A chassis to 400A MCCB N/A main switch set of 3

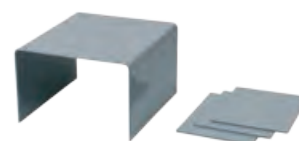


DB-TAG400

Main Switch Connection Shrouds

Shrouds to cover connection tags when mounting between MCB chassis and MCCB main switch

Part no.	Description
DB-MS-250SHROUD	250A MCCB main switch shroud
DB-MS-400SHROUD	400A MCCB main switch shroud



DB-MS-250SHROUD

Gear Pans

Manufactured from 2mm steel, gloss white, pre-drilled and rolled edges for strength.

Part no.	Colour	Width	Gear pan height	Suits enclosure height
DB-GEARPAN1	gloss white	534	134	300
DB-GEARPAN2	gloss white	534	296	450
DB-GEARPAN3	gloss white	534	446	600
DB-GEARPAN4	gloss white	534	596	750
DB-GEARPAN5	gloss white	534	746	900
DB-GEARPAN6	gloss white	534	896	1050
DB-GEARPAN7	gloss white	534	1046	1200
DB-GEARPAN8	gloss white	534	1346	1500
DB-GEARPAN9	gloss white	534	1646	1800
DB-GEARPAN10	gloss white	534	1946	2100



DB-MS-400SHROUD



DB-GEARPAN1



DB-GEARPAN2

Flush Mounting Kits

Allows for the flush mounting of the distribution board into a flat surface

Part no.	Height	Width
N42 storm grey		
DB-FMK03-G	DB-FMK03-OR	600
DB-FMK04-G	DB-FMK04-OR	600
DB-FMK06-G	DB-FMK06-OR	600
DB-FMK07-G	DB-FMK07-OR	600
DB-FMK09-G	DB-FMK09-OR	600
DB-FMK10-G	DB-FMK10-OR	600
DB-FMK12-G	DB-FMK12-OR	600
DB-FMK15-G	DB-FMK15-OR	600
DB-FMK18-G	DB-FMK18-OR	600
DB-FMK21-G	DB-FMK21-OR	600



DB-FMK07-G



DB-CB-EUR
(Does not include chassis)



DB-CB400EUR
(Does not include chassis)



DB-MCCB-EUR
(Does not include chassis)



DB-TH-MCCB-250
(Circuit breaker not included)



EUMDBGP3AL



EUMDBGP-OR

Main Switch Extension Bracket

For mounting the main switch (EUR-3-250) away from the chassis so metering links can be fitted. Used when mounting the Chassis and main switch fitted into a standard enclosure

Part no.	Description
DB-MSEMSEXPAN	Metering main switch mounting bracket gloss white

MCCB Main Switch Mounting Bracket

Used when mounting the TS250 MCCB as a main switch directly to the Eureka EMS MCB chassis

Part no.	Description
DB-THMCCB250EMS	TS250 MCCB mounting bracket for connection to Eureka EMS chassis gloss white

EMS MCB Chassis Mounting Brackets

Lifts the Eureka EMS MCB chassis to the correct height to meet the escutcheon, 2 required per chassis. Refer page 23 for EMS style chassis.

Part no.	Description
DB-CB-EUR	Chassis mounting bracket to suit 250A EMS chassis gloss white

Flat Pan MCB Chassis Mounting Brackets

Lifts the Eureka standard flat pan MCB 250 and 400A chassis to the correct height to meet the escutcheon. 2 required per chassis. Refer page 24 for flat pan style chassis.

Part no.	Description
DB-CB400EUR	Chassis mounting bracket to suit 250 and 400A flat pan chassis gloss white

MCCB Chassis Mounting Brackets

Lifts the Eureka MCCB single-sided chassis to the correct height to meet the escutcheon Enables the MCCB chassis to be mounted to either R/H or L/H side of the enclosure to enable better / easier cable connection. 2 required per enclosure. Refer page 28 for MCCB chassis.

Part no.	Description
DB-MCCB-EUR	Chassis mounting bracket to suit MCCB chassis gloss white

Unistrut Bracket

Ideal for locating the MCCB chassis right or left hand side within the enclosure

Part no.	Description
P2000T-GB-0.54	540 x 41 x 41 Unistrut

Top Hats

Used for mounting 250A and 400A MCCB / Non-auto main switches.

Part no.	Description
DB-TH-MCCB-250	Top hat for mounting 250A MCCB
DB-TH-MCCB-400	Top hat for mounting 400A MCCB , Non-auto main switch

Gland Plates

Bolts directly to the bottom / top of the Eureka Distribution board and enclosure

Part no.	Description
EUMDBGP3AL	3mm Aluminum gland plate
EUMDBGP6AL	6mm Aluminum gland plate
EUMDBGP-G	1.6mm Mild steel gland plate grey
EUMDBGP-OR	1.6mm Mild steel gland plate orange

Cable Mounting Bracket

Cable mounting bracket to help anchor cables within the enclosure

Part no.	Description
DB-CABMNBKT	Cable mounting bracket

Enclosure Accessories & Earth and Neutral Brackets and Bars

Extra Enclosure Accessories

Part no.	Description
EUR A4 SCHCARHO	Schedule holder
EUR A4 SCHCARD	Schedule holder card
EUR A4 SCHCOVER	Schedule holder card plastic cover
DB-ESC LAB1-48	Escutcheon pole sticker 1-48
DB-ESC LAB49-96	Escutcheon pole sticker 49-96
DB-ESC-Z-BRKT	Escutcheon support Z angle bracket
DB-HP	Hinge Plugs
DB-LS-BKT	Load Shed Bracket for mounting MC225A contactor
DB-SCREW	Eureka DB fixing screws (bag of 50)



EUR A4 SCHCARD

Earth and Neutral Bracket

Part no.	Description
DB-ENLBKT	Earth and Neutral bracket (4 required per enclosure)
DB-ENSCREW2	Screw for mounting 250A Earth & Neutral bar/foot to Earth & Neutral bracket
DB-ENSCREW4	Screw for mounting 400A Earth & Neutral bar/foot to Earth & Neutral bracket

250A Earth Bars

Complete with 2x8mm main studs, 2x35 tunnel terminals.

Part no.	Description	Part no.	Description
NE-250F-P012X	12 pole 250A earth bar	NE-250F-P048X	48 pole 250A earth bar
NE-250F-P018X	18 pole 250A earth bar	NE-250F-P060X	60 pole 250A earth bar
NE-250F-P024X	24 pole 250A earth bar	NE-250F-P072X	72 pole 250A earth bar
NE-250F-P030X	30 pole 250A earth bar	NE-250F-P084X	84 pole 250A earth bar
NE-250F-P036X	36 pole 250A earth bar	NE-250F-P096X	96 pole 250A earth bar
NE-250F-P042X	42 pole 250A earth bar		

400A Earth Bars

Complete with 2x8mm main studs, 2x35 tunnel terminals.

Part no.	Description	Part no.	Description
NE-400F-P024X	24 pole 400A earth bar	NE-400F-P072X	72 pole 400A earth bar
NE-400F-P036X	36 pole 400A earth bar	NE-400F-P084X	84 pole 400A earth bar
NE-400F-P048X	48 pole 400A earth bar	NE-400F-P096X	96 pole 400A earth bar
NE-400F-P060X	60 pole 400A earth bar		

250A Neutral Bars

Complete with 2x8mm main studs, 2x35 tunnel terminals.

60 pole and above complete with 4 mounting feet.

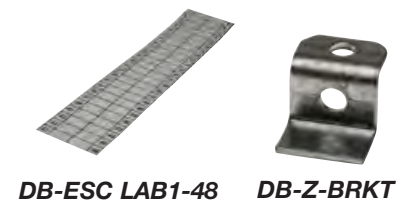
Part no.	Description	Part no.	Description
NE-250F-P012XF	12 pole 250A neutral bar	NE-250F-P048XF	48 pole 250A neutral bar
NE-250F-P018XF	18 pole 250A neutral bar	NE-250F-P060XF	60 pole 250A neutral bar
NE-250F-P024XF	24 pole 250A neutral bar	NE-250F-P072XF	72 pole 250A neutral bar
NE-250F-P030XF	30 pole 250A neutral bar	NE-250F-P084XF	84 pole 250A neutral bar
NE-250F-P036XF	36 pole 250A neutral bar	NE-250F-P096XF	96 pole 250A neutral bar
NE-250F-P042XF	42 pole 250A neutral bar		

400A Neutral Bars

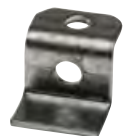
Complete with 2x8mm main studs, 2x35 tunnel terminals.

60 pole and above complete with 4 mounting feet.

Part no.	Description	Part no.	Description
NE-400F-P024XF	24 pole 400A neutral bar	NE-400F-P072XF	72 pole 400A neutral bar
NE-400F-P036XF	36 pole 400A neutral bar	NE-400F-P084XF	84 pole 400A neutral bar
NE-400F-P048XF	48 pole 400A neutral bar	NE-400F-P096XF	96 pole 400A neutral bar
NE-400F-P060XF	60 pole 400A neutral bar		



DB-ESC LAB1-48



DB-Z-BRKT



DB-LS-BKT



DB-SCREW



DB-ENLBKT



NE-250F-P024X



NE-400F-P048X



NE-250F-P018XF



All Escutcheons come with hinges, earthing studs and stiffeners

Escutcheon to suit Distribution Board

Part no.	Colour	18mm MCB Pole Capacity	Height
DB-ESC24	gloss white	24	750
DB-ESC42	gloss white	42	900
DB-ESC60	gloss white	60	1050
DB-ESC72	gloss white	72	1200
DB-ESC96	gloss white	96	1500



DB-ESC60



DB-ESC15



DB-ESC07-B



DB-ESC60-MCCB

C-Bus Escutcheon to suit AB Accessory Enclosures

Part no.	Colour	18mm MCB Pole Capacity	Height
DB-ESC03	gloss white	1 x 26 poles	300
DB-ESC04	gloss white	2 x 26 poles	450
DB-ESC06	gloss white	3 x 26 poles	600
DB-ESC09	gloss white	4 x 26 poles	900
DB-ESC10	gloss white	5 x 26 poles	1050
DB-ESC12	gloss white	6 x 26 poles	1200
DB-ESC15	gloss white	8 x 26 poles	1500
DB-ESC18	gloss white	9 x 26 poles	1800
DB-ESC21	gloss white	11 x 26 poles	2100

Blank Escutcheon to suit AB Accessory Enclosures

Part no.	Colour	Height
DB-ESC03-B	gloss white	300
DB-ESC04-B	gloss white	450
DB-ESC06-B	gloss white	600
DB-ESC07-B	gloss white	750
DB-ESC09-B	gloss white	900
DB-ESC10-B	gloss white	1050
DB-ESC12-B	gloss white	1200
DB-ESC15-B	gloss white	1500
DB-ESC18-B	gloss white	1800
DB-ESC21-B	gloss white	2100

Escutcheon to suit Distribution Boards with MCCB Main Switch

with provision for MCCB 250A and 400A MCCB / Non-auto main switch

Part no.	color	18mm MCB pole capacity	suits enclosure Height
DB-ESC36-MCCB	gloss white	24 - 36	1050
DB-ESC60-MCCB	gloss white	48 - 60	1200
DB-ESC84-MCCB	gloss white	72 - 84	1500
DB-ESC96-MCCB	gloss white	96	1800

Electrical Accessories

To compliment the Eureka Distribution Board & Enclosure System, a wide variety of electrical accessories is available to help with workshop or building site manufacturing.

Eureka

PHOENIX CONTACT

LS IS

CIRCUTOR
Technology for energy efficiency



Range includes -

- LS Range of Miniature Circuit Breakers from 1A - 125A in 6ka & 10ka
 - RCBO and RCD units to 63A
 - Eureka Installation Contactors
 - Eureka Emergency Lighting Test Kits
 - Time Clocks
 - Encapsulated Miniature Circuit Breaker Chassis in 250A and 400A, 18mm/27mm and Hybrid to IEC61439-2
 - Susol Range of Moulded Case Circuit Breakers from 16A - 630A in 50ka & 65ka
 - Susol Moulded Case Circuit Breaker Accessories
 - Eureka 800A Single Sided MCCB Chassis to IEC61439-2
 - Metasol Range of Standard Frame Contactors and Overloads
 - Phoenix Surge Protection Devices
 - DIN Mounted Terminals up to 240mm²
 - Eureka Slotted Cable Duct
 - DIN Mounted Metal Load Centres to 96 pole
 - DIN Mounted Plastic Load Centres to 36 pole
 - DIN Mounted GPOs to 15A
 - Cam Switches, Panel & Centre Mount A/O/M and On/Off
 - Pilot Lights & Lamp Test Diode Blocks
 - Transformers, Relays & Current Sensing Relays
 - Temporary Supply Switchboards & Take Off Boxes
- PLUS much more!

Please contact your distributor for pricing details.



6 kA - C Curve

Rated breaking capacity 6kA. From 1 to 63A. 17.5mm width for light & power applications



BKN61P20-C



BKN62P20-C



BKN63P20-C



BKN-B1P20-C



BKN-B3P20-C

1 pole		2 pole		3 pole	
Part no.	A	Part no.	A	Part no.	A
BKN61P1-C	1	BKN62P1-C	1	BKN63P1-C	1
BKN61P2-C	2	BKN62P2-C	2	BKN63P2-C	2
BKN61P3-C	3	BKN62P3-C	3	BKN63P3-C	3
BKN61P4-C	4	BKN62P4-C	4	BKN63P4-C	4
BKN61P6-C	6	BKN62P6-C	6	BKN63P6-C	6
BKN61P10-C	10	BKN62P10-C	10	BKN63P10-C	10
BKN61P16-C	16	BKN62P16-C	16	BKN63P16-C	16
BKN61P20-C	20	BKN62P20-C	20	BKN63P20-C	20
BKN61P25-C	25	BKN62P25-C	25	BKN63P25-C	25
BKN61P32-C	32	BKN62P32-C	32	BKN63P32-C	32
BKN61P40-C	40	BKN62P40-C	40	BKN63P40-C	40
BKN61P50-C	50	BKN62P50-C	50	BKN63P50-C	50
BKN61P63-C	63	BKN62P63-C	63	BKN63P63-C	63

6 kA - D Curve

Rated breaking capacity 6kA. From 1 to 63A. 17.5mm width for motor starting & high in-rush current applications

1 pole		2 pole		3 pole	
Part no.	A	Part no.	A	Part no.	A
BKN61P1-D	1	BKN62P1-D	1	BKN63P1-D	1
BKN61P2-D	2	BKN62P2-D	2	BKN63P2-D	2
BKN61P3-D	3	BKN62P3-D	3	BKN63P3-D	3
BKN61P4-D	4	BKN62P4-D	4	BKN63P4-D	4
BKN61P6-D	6	BKN62P6-D	6	BKN63P6-D	6
BKN61P10-D	10	BKN62P10-D	10	BKN63P10-D	10
BKN61P16-D	16	BKN62P16-D	16	BKN63P16-D	16
BKN61P20-D	20	BKN62P20-D	20	BKN63P20-D	20
BKN61P25-D	25	BKN62P25-D	25	BKN63P25-D	25
BKN61P32-D	32	BKN62P32-D	32	BKN63P32-D	32
BKN61P40-D	40	BKN62P40-D	40	BKN63P40-D	40
BKN61P50-D	50	BKN62P50-D	50	BKN63P50-D	50
BKN61P63-D	63	BKN62P63-D	63	BKN63P63-D	63

10 kA - C Curve

Rated breaking capacity 10kA. From 1 to 63A. 17.5mm width

1 pole		2 pole		3 pole	
Part no.	A	Part no.	A	Part no.	A
BKN-B1P1-C	1	BKN-B2P1-C	1	BKN-B3P1-C	1
BKN-B1P2-C	2	BKN-B2P2-C	2	BKN-B3P2-C	2
BKN-B1P3-C	3	BKN-B2P3-C	3	BKN-B3P3-C	3
BKN-B1P4-C	4	BKN-B2P4-C	4	BKN-B3P4-C	4
BKN-B1P6-C	6	BKN-B2P6-C	6	BKN-B3P6-C	6
BKN-B1P10-C	10	BKN-B2P10-C	10	BKN-B3P10-C	10
BKN-B1P16-C	16	BKN-B2P16-C	16	BKN-B3P16-C	16
BKN-B1P20-C	20	BKN-B2P20-C	20	BKN-B3P20-C	20
BKN-B1P25-C	25	BKN-B2P25-C	25	BKN-B3P25-C	25
BKN-B1P32-C	32	BKN-B2P32-C	32	BKN-B3P32-C	32
BKN-B1P40-C	40	BKN-B2P40-C	40	BKN-B3P40-C	40
BKN-B1P50-C	50	BKN-B2P50-C	50	BKN-B3P50-C	50
BKN-B1P63-C	63	BKN-B2P63-C	63	BKN-B3P63-C	63

Miniature Circuit Breakers and Accessories, RCBO's & RCD's

10kA - C Curve 27mm Width

Rated breaking capacity 10kA. From 63 to 125A. 27mm width - suits hybrid chassis

1 pole		2 pole		3 pole	
Part no.	A	Part no.	A	Part no.	A
BKH1P63-C	63	BKH2P63-C	63	BKH3P63-C	63
BKH1P80-C	80	BKH2P80-C	80	BKH3P80-C	80
BKH1P100-C	100	BKH2P100-C	100	BKH3P100-C	100
BKH1P125-C	125	BKH2P125-C	125	BKH3P125-C	125

MCB Accessories

Part no.	Description
MCBLDOG	Lock dog to suit BKN6 MCB and RKS RCBO
EUR-PF6	6 Pole, pole filler

Compact Safety Switches - 6kA

Earth leakage, overload, short circuit and over voltage protection. Type A tripping characteristic. Same physical size as a 17.5mm wide MCB. From 10 - 20 A, with 30mA sensitivity. Switches with line and neutral. Replaces din mounted MCB's or earth leakage devices. Ideal for retro-fit or new commercial consumer switchboards. Tested to IEC 61009-1 and AS/NZS 61009-1. C curve characteristic. Please enquire for tech data sheets

6kA UNITS

Part no.	Rated Current A
RKC-C10 30mA	10
RKC-C16 30mA	16
RKC-C20 30mA	20

AVAILABLE
LATE JULY 2015

Compact Safety Switch Accessories

Part no.	Description
BUS14G6	Commoning bar, 14 way. 80A to suit G6000 compact safety switch
TERMG6000	Incoming supply terminal. 80A to suit BUS14G6

1 Pole Residual Current Circuit Breakers

From 10 to 32A. 30mA sensitivity. 10kA fault rating.

Part no.	Description
RKS-C10/003	10A 1 pole MCB/RCD 10kA
RKS-C16/003	16A 1 pole MCB/RCD 10kA
RKS-C20/003	20A 1 pole MCB/RCD 10kA
RKS-C25/003	25A 1 pole MCB/RCD 10kA
RKS-C32/003	32A 1 pole MCB/RCD 10kA

Residual Current Devices

30 mA sensitivity. 2 and 4 pole units. From 40 to 63A

Part no.	Description
RKN6240-30	40A 2 pole 30mA RCD
RKN6263-30	63A 2 pole 30mA RCD
RKN6440-30	40A 4 pole 30mA RCD
RKN6463-30	63A 4 pole 30mA RCD

Switch Disconnectors (Isolators)

Units are rated at 100A. From 1 to 3 pole. Non auto

Part no	Description
BKD101P100	100A 1 pole 10kA Switch disconnector
BKD102P100	100A 2 pole 10kA Switch disconnector
BKD103P100	100A 3 pole 10kA Switch disconnector

LS IS



BKH1P80-C



BKH3P100-C



MCBLDOG



EUR-PF6



RKC-C20 30mA



BUS14G6



TERMG600



RKS-C20/003



RKN6240-30



RKN6440-30



BKD101P100

Time Clocks, Change Over Switches, Installation Contactors, Emergency Lighting Test Kits & DIN GPOs



Z-S/WM



PET 010



SUL180A



TM-848



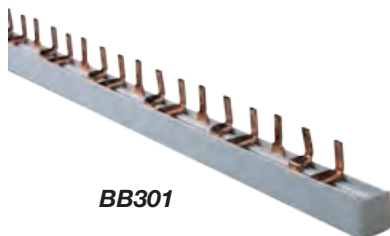
EUR225-20 240V



EUR425-04 240V



T-ELTUELX



BB301



EUR-DPDGPO 15A

Change Over Switch

Part no.	Function
Z-S/WM	2 CO I-O-II
Z-S/WTN	2 CO DAY-0-NIGHT

Time Clocks Digital, Din Mount

Part no.	Description
PET 010	240VAC 1 channel din rail mount 7 day 24 hour
TM-848	240VAC or 24VDC 1 channel din rail mount 7day
TM-848 12VDC	12VDC 1 channel din rail mount 7day
SUL180A	Compact 240VAC analogue, 24hr time clock with 70hr battery backup, 15 minute increments
AHC-812	2 channel digital time clock, 7 day 24 hour reserve 16A 240VAC

Eureka Brand Installation Contactors

Snap fit onto din rail, Power ratings 25, 40 and 63, 24VAC and 240VAC coil voltages
Choice of main contact configurations, Operating temperature -5 deg C to +50 deg C

Part No.	Rated Current (AMPS) AC1	Rated Current (AMPS) AC3	Coil Voltage	No. of Contacts	Modules (18mm)
EUR225-11 24V	25	9	24	1 NC, 1 NO	1
EUR225-20 24V	25	9	24	2 NO	1
EUR225-11 240V	25	9	240	1 NO 1 NC	1
EUR225-20 240V	25	9	240	2 NO	1
EUR425-13 240V	25	9	240	1 NO, 3 NC	2
EUR425-31 240V	25	9	240	3 NO, 1 NC	2
EUR425-40 240V	25	9	240	4 NO	2
EUR425-40 24V	25	9	24	4 NO	4
EUR425-04 240V	25	9	240	4 NC	2
EUR425-22 240V	25	9	240	2 NO, 2 NC	2
EUR440-40 240V	40	27	240	4 NO	4
EUR463-40 240V	63	30	240	4 NO	4

Emergency Lighting Test Kit - Electronic Type

New compact design. Expandable when used with EUR... contactors. Can be used DIN mounted in switchboards or surface mounted in optional MCB cover. 90min or 120min selectable test function. Power on indication. Timer initiated indication. 4 pole 16A (AC1) rated. Complies to AS/NZS standards.

Part no.	Description
T-ELTUELX	Emergency lighting test kit electronic type

NEW

MCB Accessories

Part no.	Description
BB101	1m length pin type commoning bar, 1 phase 63A
BB301	1m length pin type commoning bar, 3 phase 63A
BKN-AL-6A	6A trip indication auxiliary contact 1 x c/o
BKN-AX-6A	6A changeover auxiliary contact 1 x c/o

Switchboard / Din Mount GPO

Part no.	Description
EUR-DPDGPO 10A	10A single GPO IP32 double pole auto switched, power available indicator when plug inserted
EUR-DPDGPO 15A	15A single GPO IP32 double pole auto switched, power available indicator when plug inserted

MCB Encapsulated Chassis & Compact Loadbreak Switches

EMS style encapsulated chassis with option to fit EUR-3-250 main switch to chassis pan. Suits DB-CB-EUR mounting brackets



DIN Circuit Breaker Encapsulated Chassis to suit BKN/BKH MCB, RKS MCB/RCD

Rated current 250 and 400A (250A unit only in EMS style)

Fault current 25kA @ 0.1 sec

Suits 6 and 10kA 18mm and 27mm pitch LS MCBs

Tested to IEC61439-2

Rated peak withstand current 52.5kA

Standard and hybrid encapsulated chassis

Please enquire for escutcheon cut-out and mounting details

Please enquire for other configuration chassis

Please enquire for bottom and dual-feed chassis

EMS type encapsulated chassis does not include main switch.

Please enquire for MCB chassis to suit 10kA MCBs

Part no.	No. Poles	Width mm	Length mm	Height mm with MCB	Configuration	
					18mm BKN MCB RKS RCBO	27mm BKH MCB

250A 3 phase EMS chassis to suit 6kA MCB

ELS6-12/18EM1	12	220	242	133	12	
ELS6-18/18EM1	18	220	296	133	18	
ELS6-24/18EM1	24	220	350	133	24	
ELS6-30/18EM1	30	220	404	133	30	
ELS6-36/18EM1	36	220	458	133	36	
ELS6-42/18EM1	42	220	512	133	42	
ELS6-48/18EM1	48	220	566	133	48	
ELS6-60/18EM1	60	220	674	133	60	
ELS6-72/18EM1	72	220	782	133	72	
ELS6-84/18EM1	84	220	890	133	84	
ELS6-96/18EM1	96	220	998	133	96	

250A 3 phase hybrid EMS chassis to suit 6kA MCB

ELS6-12/1827EM1	12	220	269	133	6	6
ELS6-18/1827EM1	18	220	323	133	12	6
ELS6-24/1827EM1	24	220	377	133	18	6
ELS6-30/1827EM1	30	220	431	133	24	6
ELS6-36/1827EM1	36	220	485	133	30	6
ELS6-42/1827EM1	42	220	566	133	30	12
ELS6-48/1827EM1	48	220	620	133	36	12
ELS6-60/1827EM1	60	220	728	133	48	12
ELS6-72/1827EM1	72	220	836	133	60	12

250A 3 phase 27mm EMS chassis to suit 6kA MCB

ELS6-12/27EM1	12	220	296	133		12
ELS6-18/27EM1	18	220	377	133		18
ELS6-24/27EM1	24	220	458	133		24
ELS6-30/27EM1	30	220	539	133		30
ELS6-36/27EM1	36	220	620	133		36
ELS6-42/27EM1	42	220	701	133		42
ELS6-48/27EM1	48	220	782	133		48
ELS6-60/27EM1	60	220	944	133		60
ELS6-72/27EM1	72	220	1106	133		72

Compact Loadbreak Switch

EUR-3-250 fits directly to 250A EMS Eureka MCB chassis

Part no.	Description
EUR-3-250	250A 8.5kA load break switch including shrouds
EUR-3-250PD	Padlock attachment



ELS6-42/18EM1



EMS STYLE CHASSIS WITH EUR-3-250 FITTED



EUR-3-250

Please contact your distributor for pricing details.



Flat pan style chassis. Suits DB-CB400-EUR mounting brackets.
Please enquire for MCB chassis to suit 10kA MCBs

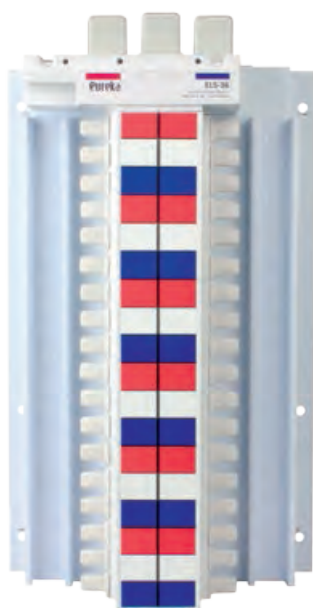
DIN Circuit Breaker Chassis 250A to suit BKN/BKH, MCB and RKS RCBO

Please enquire for bottom and dual-feed chassis

Part no.	No. Poles	Width mm	Length mm	Height mm with MCB	Configuration	
					18mm BKN MCB RKS RCBO	27mm BKH MCB

3 phase 250A 18mm flat pan to suit 6kA MCB

ELS6-12/181	12	220	174	115	12	
ELS6-18/181	18	220	228	115	18	
ELS6-24/181	24	220	282	115	24	
ELS6-30/181	30	220	336	115	30	
ELS6-36/181	36	220	390	115	36	
ELS6-42/181	42	220	444	115	42	
ELS6-48/181	48	220	498	115	48	
ELS6-60/181	60	220	606	115	60	
ELS6-72/181	72	220	714	115	72	
ELS6-84/181	84	220	822	115	84	
ELS6-96/181	96	220	930	115	96	



ELS6-36/181

3 phase 250A 18/27mm flat pan to suit 6kA MCB

ELS6-12/18271	12	220	201	115	6	6
ELS6-18/18271	18	220	255	115	12	6
ELS6-24/18271	24	220	309	115	18	6
ELS6-30/18271	30	220	363	115	24	6
ELS6-36/18271	36	220	417	115	30	6
ELS6-42/18271	42	220	498	115	30	12
ELS6-48/18271	48	220	552	115	36	12
ELS6-60/18271	60	220	660	115	48	12
ELS6-72/18271	72	220	768	115	60	12

3 phase 250A 27mm flat pan to suit 6kA MCB

ELS6-12/271	12	220	228	115		12
ELS6-18/271	18	220	309	115		18
ELS6-24/271	24	220	390	115		24
ELS6-30/271	30	220	471	115		30
ELS6-36/271	36	220	552	115		36
ELS6-42/271	42	220	633	115		42
ELS6-48/271	48	220	714	115		48
ELS6-60/271	60	220	876	115		60
ELS6-72/271	72	220	1038	115		72

Flat pan style chassis. Suits DB-CB400-EUR mounting brackets.
Please enquire for MCB chassis to suit 10kA MCBs



DIN Circuit Breaker Chassis 400A to suit BKN/BKH, MCB and RKS RCBO

Please enquire for bottom and dual-feed chassis

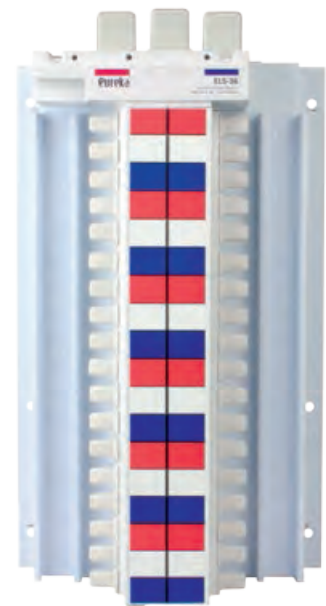
Part no.	No. Poles	Width mm	Length mm	Height mm with MCB	Configuration	
					18mm BKN MCB RKS RCBO	27mm BKH MCB
<i>3 phase 400A 18mm flat pan to suit 6kA MCB</i>						
ELS6-12/182	12	220	174	115	12	
ELS6-18/182	18	220	228	115	18	
ELS6-24/182	24	220	282	115	24	
ELS6-30/182	30	220	336	115	30	
ELS6-36/182	36	220	390	115	36	
ELS6-42/182	42	220	444	115	42	
ELS6-48/182	48	220	498	115	48	
ELS6-60/182	60	220	606	115	60	
ELS6-72/182	72	220	714	115	72	
ELS6-84/182	84	220	822	115	84	
ELS6-96/182	96	220	930	115	96	

3 phase 400A 18/27mm flat pan to suit 6kA MCB

ELS6-12/18272	12	220	201	115	6	6
ELS6-18/18272	18	220	255	115	12	6
ELS6-24/18272	24	220	309	115	18	6
ELS6-30/18272	30	220	363	115	24	6
ELS6-36/18272	36	220	417	115	30	6
ELS6-42/18272	42	220	498	115	30	12
ELS6-48/18272	48	220	552	115	36	12
ELS6-60/18272	60	220	660	115	48	12
ELS6-72/18272	72	220	768	115	60	12

3 phase 400A 27mm flat pan to suit 6kA MCB

ELS6-12/272	12	220	228	115		12
ELS6-18/272	18	220	309	115		18
ELS6-24/272	24	220	390	115		24
ELS6-30/272	30	220	471	115		30
ELS6-36/272	36	220	552	115		36
ELS6-42/272	42	220	633	115		42
ELS6-48/272	48	220	714	115		48
ELS6-60/272	60	220	876	115		60
ELS6-72/272	72	220	1038	115		72



ELS6-36/182



TS Range of MCCB Units and Accessories from 32 to 630A

From 32A to 630A. With short circuit and overload release. 50 and 65kA units available. Electronic and thermal / magnetic protection

Accessories include -

Fixed and external handles.

Single sided 800A chassis to 36 pole

Non auto units to 630A available

Terminal spreaders and covers

Fixed and removable locking devices

Please enquire for MCCBs up to 1600A and 4 Pole frame.

TS100/160/250 are the same physical frame sizes.

Please enquire for cascade and discrimination data. CAD blocks CD available.



TS100NFMU100



TS250NETS250



TS400NETS400



TS630NETS630



TS250DSU

Part no.	Description	Frame Size	No. of Poles
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TS100 Range 32 - 100A 50kA

TS100NFMU40	32-40A 50kA Thermal magnetic MCCB	1	3
TS100NFMU63	50-63A 50kA Thermal magnetic MCCB	1	3
TS100NFMU80	64-80A 50kA Thermal magnetic MCCB	1	3
TS100NFMU100	80-100A 50kA Thermal magnetic MCCB	1	3
TS100NETS40	40-100A 50kA Electronic MCCB	1	3
TS100NETS80	40-80A 50kA Electronic MCCB	1	3

TS160 Range 80 - 160A 50kA

TS160NFMU100	80-100A 50kA Thermal magnetic MCCB	1	3
TS160NFMU125	100-125A 50kA Thermal magnetic MCCB	1	3
TS160NFMU160	128-160A 50kA Thermal magnetic MCCB	1	3
TS160NETS160	64-160A 50 kA Electronic MCCB	1	3

TS250 Range 100 - 250A 50kA

TS250NATU125	100-125A 50kA Thermal magnetic MCCB	1	3
TS250NATU160	128-160A 50kA Thermal magnetic MCCB	1	3
TS250NATU200	180-200A 50kA Thermal magnetic MCCB	1	3
TS250NATU250	200-250A 50kA Thermal magnetic MCCB	1	3
TS250NETS250	100-250A 50kA Electronic MCCB	1	3

TS400 / 630 Range 160 - 630A 65kA

TS400NETS400	160-400A 65kA Electronic MCCB	2	3
TS630NETS630	252-630A 65kA Electronic MCCB	2	3

TS Range Non Auto 100 - 630A

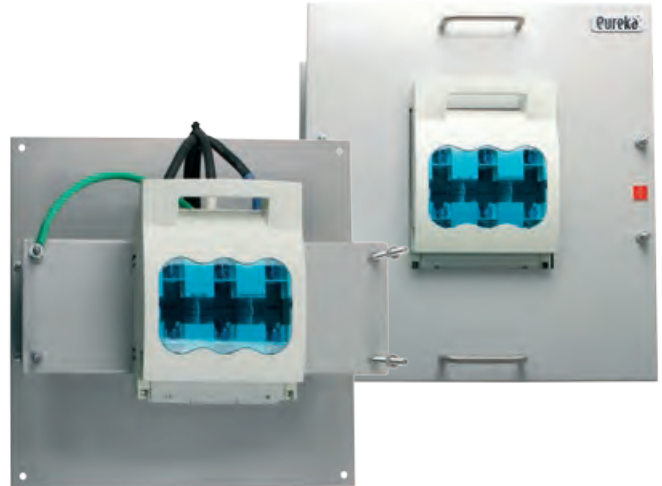
TS100DSU100	100A Non auto isolator	1	3
TS160DSU160	160A Non auto isolator	1	3
TS250DSU250	250A Non auto isolator	1	3
TS400DSU400	400A Non auto isolator	2	3
TS630DSU630	630A Non auto isolator	2	3

'Take Off Boxes'

The Eureka range of take off boxes are suitable to be fitted into tight positions within the riser shaft of a multi storey building. Our take off boxes range in size from 160A, 250A and 400A and are available with fault current limiters (FCL) or a Moulded Case Circuit Breaker (MCCB).

These units can be easily fitted at the preliminary stage of construction by removing the base. The FCL or MCCB carriage can be fitted later once the mains cables have been fixed in place.

The Eureka take off boxes come with a set of line taps, 600mm tails for connection to the main cable and neutral link.



Temporary Supply Switchboards



Build Options & Features Include:

- 1Ø or 3Ø 80A units
- Insulated overhead lead hook
- Hard wired downstream isolator
- Option for wall mounting
- Lighting circuit test points
- 8 x 10A protected double pole outlets
- 1 x 15A protected double pole auto-switched outlet
- 3Ø 32A external outlet with crash guard
- Insulated tie-off bar
- Heavy duty stand
- Complete with 32mm & 25mm glands for incoming supply

- Designed and manufactured to Australian Standard AS/NZS 3012
- Powdercoated, heavy duty 50kg rated collapsible tripod stand with floor mounting plates
- Locally manufactured
- Many options available
- IP23 RAL7035 enclosure
- Double pole protected outlets

Susol
Super Solution



LS-DH2-S-TS



LS-EH3-S-TS



LS-PL3-TS

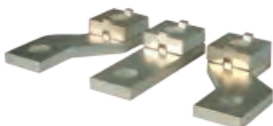
LS-PHL3-TS



LS-ITL33-TS



LS-ITS33-TS



LS-SP33A-TS



SS800/50/9

Extended & Direct Mount Lockable Handles

Part no.	Description	Suits MCCB
LS-DH2-S-TS	Direct rotary handle	TS100/160/250
LS-DH3-S-TS	Direct rotary handle	TS400/630
LS-EH2-S-TS	Extended rotary handle and shaft	TS100/160/250
LS-EH3-S-TS	Extended rotary handle and shaft	TS400/630

Locking Devices

Part no.	Description	Suits MCCB
LS-PL2-TS	Removable locking device	TS100/160/250
LS-PL3-TS	Removable locking device	TS400/630
LS-PHL2-TS	Fixed locking device	TS100/160/250
LS-PHL3-TS	Fixed locking device	TS400/630

Terminal Covers. Supplied in Pairs

Part no.	Description	Suits MCCB
LS-ITL23-TS	Terminal cover long type	TS100/160/250
LS-ITL33-TS	Terminal cover long type	TS400/630
LS-ITS23-TS	Terminal cover short type	TS100/160/250
LS-ITS33-TS	Terminal cover short type	TS400/630

Terminal Spreaders. Per set of 3

Part no.	Description	Suits MCCB
LS-SP23A-TS	Terminal spreaders	TS100/160/250
LS-SP33A-TS	Terminal spreaders	TS400/630

800A single and double sided MCCB chassis to suit TS100/160/250 MCCB'S

Available in single and double sided configuration. Tested to 50kA for 0.1sec, IEC 61439-2 IP2X. Singled sided units have been designed for easy adaption into the Eureka Distribution and Enclosure System. (Please enquire for mounting brackets to bring the chassis to the height of the escutcheon). CAD blocks and dimensional drawings available on request

Part no.	Description	Suits MCCB
<i>Single Sided Units</i>		
SS800/50/3	3 pole 800A 50kA single sided MCCB chassis	TS100/160/250
SS800/50/6	6 pole 800A 50kA single sided MCCB chassis	TS100/160/250
SS800/50/9	9 pole 800A 50kA single sided MCCB chassis	TS100/160/250
SS800/50/12	12 pole 800A 50kA single sided MCCB chassis	TS100/160/250
SS800/50/15	15 pole 800A 50kA single sided MCCB chassis	TS100/160/250
SS800/50/18	18 pole 800A 50kA single sided MCCB chassis	TS100/160/250
SS800/50/21	21 pole 800A 50kA single sided MCCB chassis	TS100/160/250
SS800/50/24	24 pole 800A 50kA single sided MCCB chassis	TS100/160/250
SS800/50/30	30 pole 800A 50kA single sided MCCB chassis	TS100/160/250
SS800/50/36	36 pole 800A 50kA single sided MCCB chassis	TS100/160/250
<i>Double Sided Units</i>		
DS800/50/6	6 pole 800A 50kA double sided MCCB chassis	TS100/160/250
DS800/50/12	12 pole 800A 50kA double sided MCCB chassis	TS100/160/250
DS800/50/18	18 pole 800A 50kA double sided MCCB chassis	TS100/160/250
DS800/50/24	24 pole 800A 50kA double sided MCCB chassis	TS100/160/250
DS800/50/30	30 pole 800A 50kA double sided MCCB chassis	TS100/160/250
DS800/50/36	36 pole 800A 50kA double sided MCCB chassis	TS100/160/250
DS800/50/42	42 pole 800A 50kA double sided MCCB chassis	TS100/160/250
DS800/50/48	48 pole 800A 50kA double sided MCCB chassis	TS100/160/250
DS800/50/60	60 pole 800A 50kA double sided MCCB chassis	TS100/160/250
DS800/50/72	72 pole 800A 50kA double sided MCCB chassis	TS100/160/250

Double Sided Units

DS800/50/6	6 pole 800A 50kA double sided MCCB chassis	TS100/160/250
DS800/50/12	12 pole 800A 50kA double sided MCCB chassis	TS100/160/250
DS800/50/18	18 pole 800A 50kA double sided MCCB chassis	TS100/160/250
DS800/50/24	24 pole 800A 50kA double sided MCCB chassis	TS100/160/250
DS800/50/30	30 pole 800A 50kA double sided MCCB chassis	TS100/160/250
DS800/50/36	36 pole 800A 50kA double sided MCCB chassis	TS100/160/250
DS800/50/42	42 pole 800A 50kA double sided MCCB chassis	TS100/160/250
DS800/50/48	48 pole 800A 50kA double sided MCCB chassis	TS100/160/250
DS800/50/60	60 pole 800A 50kA double sided MCCB chassis	TS100/160/250
DS800/50/72	72 pole 800A 50kA double sided MCCB chassis	TS100/160/250

Please enquire for escutcheon cut-out and mounting details

Please enquire for:

- 1 Pole MCCB to 160A
- 4 Pole Units
- Double sided MCCB Chassis
- Air Circuit Breakers to 5000A
- MCCB Units from 800A-1600A
- Higher kA MCCB Units
- 800A MCCB Chassis
- Automatic Transfer and Changeover Switches

LS Metasol Contactors, Overloads & Phoenix Surge Diverters

LS Metasol- Contactors Standard Frame

Part no	415V Kw rating	AC3 rating at 415V	AC1 rating at 415V	Auxiliary contacts
MC-9B(...V)	5	9	25	1 N/O 1 N/C
MC-12B(...V)	5.5	12	25	1 N/O 1 N/C
MC-18B(...V)	7.5	18	32	1 N/O 1 N/C
MC-22B(...V)	11	22	40	1 N/O 1 N/C
MC-32A(...V)	15	32	50	2 N/O 2 N/C
MC-40A(...V)	18.5	40	60	2 N/O 2 N/C
MC-50A(...V)	22	50	70	2 N/O 2 N/C
MC-65A(...V)	30	65	100	2 N/O 2 N/C
MC-75A(...V)	37	75	110	2 N/O 2 N/C
MC-100A(...V)	55	105	160	2 N/O 2 N/C
MC-150A(...V)	75	150	210	2 N/O 2 N/C
MC-185A(...V)	90	185	230	2 N/O 2 N/C
MC-225A(...V)	132	225	275	2 N/O 2 N/C
MC-330A(...V)	160	330	350	2 N/O 2 N/C

Please enquire for availability on some larger A contactors

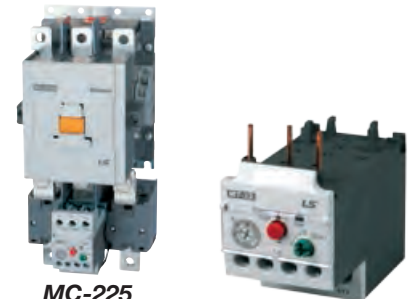
Metasol



MC-22 MC-40 MC-65



MC-100 MC-150



MC-225 MT-32



MT-63 MT-95

LS Metasol- Overloads

Part no.	Suits contactor	Setting range A	Part no.	Suits contactor	Setting range A
MT-32-0.16	MC-9B to MC-40A	0.1 - 0.16	MT-32-18	MC-9B to MC-40A	12 - 18
MT-32-0.25	MC-9B to MC-40A	0.16 - 0.25	MT-32-22	MC-9B to MC-40A	16 - 22
MT-32-0.4	MC-9B to MC-40A	0.25 - 0.4	MT-32-25	MC-9B to MC-40A	18 - 25
MT-32-0.63	MC-9B to MC-40A	0.4 - 0.63	MT-32-32	MC-9B to MC-40A	22 - 32
MT-32-1	MC-9B to MC-40A	0.63 - 1	MT-32-40	MC-9B to MC-40A	32 - 40
MT-32-1.6	MC-9B to MC-40A	1 - 1.6	MT-63-36	MC-50A to MC-65A	24 - 36
MT-32-2.5	MC-9B to MC-40A	1.6 - 2.5	MT-63-40	MC-50A to MC-65A	28 - 40
MT-32-4	MC-9B to MC-40A	2.5 - 4	MT-63-50	MC-50A to MC-65A	34 - 50
MT-32-6	MC-9B to MC-40A	4 - 6	MT-63-65	MC-50A to MC-65A	45 - 65
MT-32-8	MC-9B to MC-40A	5 - 8	MT-95-50	MC-75A to MC-100A	34 - 50
MT-32-9	MC-9B to MC-40A	6 - 9	MT-95-65	MC-75A to MC-100A	45 - 65
MT-32-10	MC-9B to MC-40A	7 - 10	MT-95-75	MC-75A to MC-100A	54 - 75
MT-32-13	MC-9B to MC-40A	9 - 13			

Phoenix Surge Protection Devices

Visible window to show status of unit, Din mount, Class 2, to EN 61643-11

NEW

Part no.	Description
XPC2839127	Type 2 surge arrester 20kA/40kA 1 module wide w/ replaceable plug
XPC2839130	Type 2 surge arrester 20kA/40kA 1 module wide w/ replaceable plug and remote indicator contact
XPC2859178	Type 2 surge arrester 20kA/40kA 3ph + N 4 module wide w/ replaceable plug
XPC2859181	Type 2 surge arrester 20kA/40kA 3ph + N 4 module wide w/ replaceable plug and remote indicator contact
XPC2804380	Type 2 surge arrester 20kA/40kA 1ph + N + E 2 module wide w/ replaceable plug
XPC2798844	Replaceable plug in module to suit all units with visible trip window to suit all 20kA/40kA units
XPC2920890	Type 2 surge arrester 65kA 3ph + N + E 4 module wide w/ replaceable plug and remote indicator contact
XPC2920887	Type 2 surge arrester 65kA 3ph + N + E 4 module wide w/ replaceable plug
XPC2920968	Type 2 surge arrester 80kA 3ph + N + E 4 module wide w/ replaceable plug and remote indicator contact
XPC2920971	Type 2 surge arrester 80kA 3ph + N + E 4 module wide w/ replaceable plug
XPC2921242	Type 2 surge arrester 65kA 1ph + N + E 2 module wide w/ replaceable plug and remote indicator contact
XPC2921255	Type 2 surge arrester 65kA 1ph + N + E 2 module wide w/ replaceable plug
XPC2921284	Type 2 surge arrester 80kA 1ph + N + E 2 module wide w/ replaceable plug and remote indicator contact
XPC2921297	Type 2 surge arrester 80kA 1ph + N + E 2 module wide w/ replaceable plug
XPC2920308	Replaceable plug in module to suit all units with visible trip window to suit all 65kA units
XPC2920353	Replaceable plug in module to suit all units with visible trip window to suit all 80kA units

* Units can be installed in TT and TN type earthing connection.

PHOENIX CONTACT



XPC2839130



XPC2798844

Please contact your distributor for pricing details.



Current Transformers - Solid Core Units

Part no.	Ratio Amps	Class 0.5 VA	Class 1 VA	Part no.	Ratio Amps	Class 0.5 VA	Class 1 VA
RCT1/30	30/05		1	RCT2/200	200/5	3.75	5
RCT1/40	40/5		1	RCT2/250	250/5	5	7.5
RCT1/50	50/5		1.5	RCT2/300	300/5	5	7.5
RCT1/60	60/5		1.5	RCT3/300	300/5	5	7.5
RCT1/75	75/5		1.5	RCT3/400	400/5	10	12.5
RCT1/80	80/5		2	RCT3/500	500/5	10	12.5
RCT1/100	100/5	1.5	2.5	RCT3/600	600/5	15	15
RCT1/120	120/5	2.5	3.75	RCT4/600	600/5	7.5	12.5
RCT1/125	125/5	2.5	3.75	RCT4/750	750/5	10	15
RCT1/150	150/5	3.75	5				

Plastic Load Centres IP42

8, 12, 18, 24 and 36 pole. 1 Unprotected and 2 protected neutral bars. Surface mount or flush mount. IP42 protection. Transparent or white covers. Top, bottom and rear entry.

Surface and flush mount with transparent cover



EUR12-ST E&N



EUR24-ST E&N

Part no.	Description
EUR8-FT E&N	8 Pole f/mount transparent MCB load centre
EUR8-ST E&N	8 Pole s/mount transparent MCB load centre
EUR12-ST E&N	12 Pole s/mount transparent MCB load centre
EUR18-ST E&N	18 Pole s/mount transparent MCB load centre
EUR24-ST E&N	24 Pole s/mount transparent MCB load centre
EUR36-ST E&N	36 Pole s/mount transparent MCB load centre

Surface and flush mount with white cover

Part no.	Description
EUR8-FW E&N	8 Pole f/mount white MCB load centre
EUR8-SW E&N	8 Pole s/mount white MCB load centre
EUR12-SW E&N	12 Pole s/mount white MCB load centre
EUR18-SW E&N	18 Pole s/mount white MCB load centre
EUR24-SW E&N	24 Pole s/mount white MCB load centre
EUR36-SW E&N	36 Pole s/mount white MCB load centre



EUR18FT-M BASE

Metal Back Flush Load Centre - New Model Mid 2015

The Eureka range of plastic load centers now come complete with a metal base in the flush mounted units.

With 100mm overhang above the base to help protect in coming cables, this load centre does away with the need to mount a separate metal backing plate to the flush mount enclosure.

Part no.	Description
EUR12FW-M E&N	12 pole f/mount white door, metal base MCB load centre
EUR18FW-M E&N	18 pole f/mount white door, metal base MCB load centre
EUR24FW-M E&N	24 pole f/mount white door, metal base MCB load centre
EUR36FW-M E&N	36 pole f/mount white door, metal base MCB load centre



EUR-STL

Plastic Load Centre Accessories

Part no.	Description
EUR-STL	Load centre padlocking kit complete with padlock & 2 keys

Eureka Metal Load Centres

Metal type with screw on escutcheon c/w Earth and Neutral bar arrangements IP42, colour RAL 7032. From 16 to 96 pole

Ideal for C-BUS relays or similar products. Custom made load centres available Each row holds a maximum of 6 x 3 pole mcb's



CM116

Part no.	Height	Width	Depth	No. of rows
CM116	320	440	120	1
CM232	470	440	120	2
CM348	630	440	120	3
CM464	790	440	120	4
CM580	950	440	120	5
CM696	1110	440	120	6

Please contact your distributor for pricing details.

Terminals & Slotted Duct

Economy Terminals

From 2.5 to 70mm. Includes earth terminals, Jumper bars. Din rail mount. Grey, red and blue in 4mm



Terminals

Part no.	Description
ATB-2.5	2.5mm terminal
ATB-4	4mm terminal
ATB-4R	4mm red terminal
ATB-4B	4mm blue terminal
ATB-6	6mm terminal
ATB-10	10mm terminal
ATB-16	16mm terminal
ATB-35	35mm terminal
ATB-70	70mm terminal

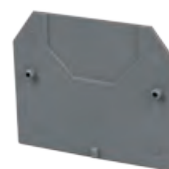
* 70mm Terminal is double sided protected (does not require end cap)



ATE-4

Earth Terminals

Part no.	Description
ATE-4	4mm earth terminal
ATE-6	6mm earth terminal
ATE-10	10mm earth terminal
ATE-16	16mm earth terminal



EC4

Terminal End Caps

Part no.	Description
EC4	2.5mm and 4mm end plate
EC6	6mm end plate
EC10	10mm end plate
EC16	16mm end plate
EC35	35mm end plate



EC16

Terminal End Clamps

Part no.	Description
ESI	Din and G rail clamp
2005.2	Din rail clamp

Bi Metal Terminals

Suitable for joining between copper and aluminium cables. Compact in size, pre-greased with anti-oxidation compound, can be din mounted and or base mounted. Great to use as incoming terminal block to avoid using Bi metal lugs. Nominal voltage rating at 750V and amps 160A-425A

Part No.	Description
KE61.03	3 pole bi metal terminal block suits CU 2.5 to 50mm, AL 6 to 50mm
KE61	1 pole bi metal terminal block suits CU 2.5 to 50mm, AL 6 to 50mm
KE62	1 pole bi metal terminal block suits CU / AL 16 to 95mm
KE63	1 pole bi metal terminal block suits CU / AL 35 to 150mm
KE64	1 pole bi metal terminal block suits CU/ AL 35 to 240mm



KE61.03

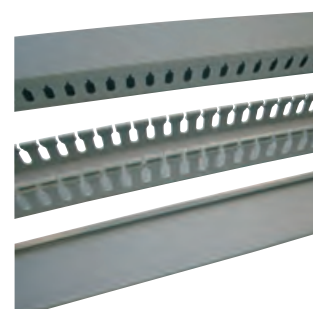


KE61

Slotted Duct

Supplied in 2 m lengths. Open slotted. Grey in colour. Pre-scored for easy snap off.

Part no.	W x H (mm)	Box Qty.	Part no.	W x H (mm)	Box Qty.
CSD 2525	25 x 25	12	CSD 6040	60 x 40	12
CSD 2530	25 x 30	12	CSD 6060	60 x 60	12
CSD 2540	25 x 40	12	CSD 7575	75 x 75	12
CSD 2550	25 x 50	12	CSD 70100	70 x 100	12
CSD 2560	25 x 60	12	CSD 6080	60 x 80	12
CSD 2575	25 x 75	12	CSD 8060	80 x 60	12
CSD 2580	25 x 80	12	CSD 8080	80 x 80	8
CSD 4040	40 x 40	12	CSD 80100	80 x 100	8
CSD 4060	40 x 60	12	CSD 10060	100 x 60	8
CSD 4080	40 x 80	12	CSD 10080	100 x 80	8
CSD 5050	50 x 50	12	CSD 100100	100 x 100	8
CSD 5075	50 x 75	12			



Please contact your distributor for pricing details.



TLY2



TMY4



NDSQ-14



EUR-1-SN



EUR-08-E



EUR-TLM-20



PL22/...

Square & Flat Pin With Led & Test Button

2 pole 10A, 4 pole 5A, bases are DIN rail mounted.

Available in 12VAC, 12VDC, 24VAC, 24VDC, 110VAC & 240VAC

Part no.	Description	No. of Pins
TLY2-12VACLT	2 pole 10A 12 VAC	8
TLY2-12VDCLT	2 pole 10A 12 VDC	8
TLY2-24VACLT	2 pole 10A 24 VAC	8
TLY2-24VDCLT	2 pole 10A 24 VDC	8
TLY2-110VACLT	2 pole 10A 110 VAC	8
TLY2-240VACLT	2 pole 10A 240 VAC	8
TMY4-12VACLT	4 pole 5A 12 VAC	14
TMY4-12VDCLT	4 pole 5A 12 VDC	14
TMY4-24VACLT	4 pole 5A 24 VAC	14
TMY4-24VDCLT	4 pole 5A 24 VDC	14
TMY4-110VACLT	4 pole 5A 110 VAC	14
TMY4-240VACLT	4 pole 5A 240 VAC	14

Bases To Suit Square & Flat Pin Relays

Part no.	Description	No. of Pins
PTF-08I	2 pole 10A (IZUMI)	8
NDSQ-14	4 pole 5A (IZUMI)	14

Slimline Relays

1 pole 10A and 2 pole 5A. Bases are din rail mounted

Part no.	Coil	Pole	Contacts	A Rating
EUR-1-SN	240VAC	1	SPDT	10A
EUR-1-SN	110VAC	1	SPDT	10A
EUR-1-SN	24VAC	1	SPDT	10A
EUR-1-SN	24VDC	1	SPDT	10A
EUR-1-SN	12VDC	1	SPDT	10A
EUR-2-SN	240VAC	2	DPDT	5A
EUR-2-SN	110VAC	2	DPDT	5A
EUR-2-SN	24VAC	2	DPDT	5A
EUR-2-SN	24VDC	2	DPDT	5A
EUR-2-SN	12VDC	2	DPDT	5A

Slimline Relay Bases

Part no.	Description
EUR-05-E	base to suit EUR-1-SN
EUR-08-E	base to suit EUR-2-SN

Lamp Test Diode Blocks

Part no.	Description
EUR-TLM-20	Diode block for testing maximum of 20 lamps

Economy LED Indicator Lights

24VAC/DC or 240VAC. Also available in 12VAC/DC. Operational temperature -25° to 55° C. Cluster type LED illumination. Red, green, blue, amber, white. Life - 60,000hrs plus. 22mm. Insulation resistance > 2 M ohm. IP65

Part no.	Colour	Voltage	Size
PL22/24R	red	24VAC/DC	22mm
PL22/24G	green	24VAC/DC	22mm
PL22/24B	blue	24VAC/DC	22mm
PL22/24A	amber	24VAC/DC	22mm
PL22/24W	white	24VAC/DC	22mm
PL22/240R	red	240V AC	22mm
PL22/240G	green	240V AC	22mm
PL22/240B	blue	240V AC	22mm
PL22/240A	amber	240V AC	22mm
PL22/240W	white	240V AC	22mm

Current Sensing Relays, Cam Switches & Transformers

Current Sensing Relays

Monitors current from 0.25A - 50A. Output range: from 1A relay analogue outputs of 0-5VDC, 0-10VDC and 4-20mA. Other models available.

Part no.	Description
SEN C 1200	Mini solid core go/no go 0.25A-50A range. 1A at 30VAC/DC man N/O.
SEN C 1203	Mini solid core analogue 0A-15A fixed range. 0-5VDC

Cam Switches

Special purpose switches available on request. Angled terminals allow for easy fit-off. Individual front plates made to order.

Please enquire for other mounting styles.

On / Off Main Switches IP65

Part no.	Description
T0-1-8200/E	1 pole, 20A panel mount on/off
T0-2-1/E	3 pole, 20A panel mount on/off
P1-32/E	3 pole, 32A panel mount on/off
T0-1-8200/EZ	1 pole, 20A centre mount on/off
T0-2-1/EZ	3 pole, 20A centre mount on/off
P1-32/EZ	3 pole, 32A centre mount on/off

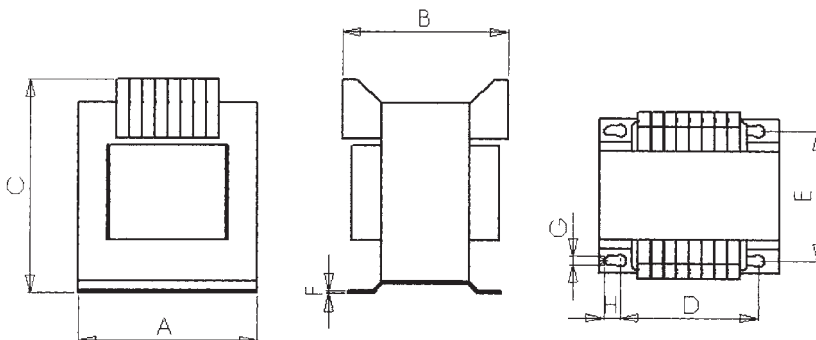
Change Over Switches with Centre Off Position IP65

Part no.	Description
T0-1-8210/E	1 pole, 20A panel mount auto-off-manual
T0-3-8212/E	3 pole, 20A panel mount auto-off-manual
T0-1-8210/EZ	1 pole, 20A centre mount auto-off-manual
T0-3-8212/EZ	3 pole, 20A centre mount auto-off-manual

Standard Transformers

Manufactured to AS / NZS 61558. Input voltage 240VAC +/- 5%. Output voltage 24VAC Frequency 50/60Hz. Rating 20VA - 800VA. Temperature rise 60 deg C +5% / -5% voltage compensation on primary terminals, eg: 228V / 240V / 252V. All transformers supplied in a cardboard box with foam inserts for transporting.

Part no.	VA Rating	A	B	C	D	E	F	G	H	Kg
T20-240-24	20	78	72	95	56	46	1.2	4.6	8	1.4
T40-240-24	40	78	72	95	56	46	1.2	4.6	8	1.4
T63-240-24	63	78	72	95	56	46	1.2	4.6	8	1.5
T100-240-24	100	85	75	98	64	62	1.5	4.6	8	1.9
T160-240-24	160	96	92	110	84	74	1.5	5.8	10	2.5
T250-240-24	250	96	100	110	84	85	1.5	5.8	10	3.4
T400-240-24	400	120	100	130	90	85	2	5.8	10	5.6
T630-240-24	630	120	110	155	122	90	2	7	14	8.4
T800-240-24	800	120	130	155	122	105	2	7	14	9.5



Eureka*



SEN C 1200



E STYLE



EZ STYLE



T250-240-24

Please contact your distributor for pricing details.

Cascading (Back-up) at 415VAC

In accordance with the requirements of **AS/NZ3000:2007** the following table provides the *Ka* value of a downstream breaker or breakers when applied to a circuit with the stated upstream breaker value. The upstream breaker limits the current to the downstream breaker(s) in the event of a short circuit to ensure that the downstream breaker operates normally. The values are based on both calculations for known thermal stress capability of the individual breakers as well as verification by testing.

Upstream			Susol	TS100N	TS100H	TS100L	TS160N	TS160H	TS160L
Rated breaking capacity Ka				50	85	150	50	85	150
Downstream			Rated brk. cap. Ka	Enhanced breaking capacity Ka					
LS Din	BKN up to 63A	6	30	30	30	30	30	30	30
	BKNb (< = 40A)	10	30	30	30	30	30	30	30
	BKNb (50-63A)	10	40	50	50	50	50	50	50
	BKH (63-125A)	10	25	25	25	25	25	25	25
LS Susol	TS100N	50		85	150			85	150
	TS100H	85			150				150
	TS160N	50					85	150	
	TS160H	85							150
Upstream			Susol	TS250N	TS250H	TS250L	TS400N	TS400H	TS400L
Rated breaking capacity Ka				50	85	150	50	85	150
Downstream			Rated brk. cap. Ka	Enhanced breaking capacity Ka					
LS Din	BKN up to 63A	6	30	30	30				
	BKNb (< = 40A)	10	40	40	40				
	BKNb (50-63A)	10	30	30	30				
	BKH (63-125A)	10	25	25	25				
LS Susol	TS100N	50		85	150		65	85	150
	TS100H	85			150				150
	TS160N	50		85	150		65	85	150
	TS160H	85			150				150
	TS250N	50		85	150		65	85	150
	TS250H	85			150				150
	TS400N	65					85	150	
	TS400H	85							150
Upstream			Susol	TS630N	TS630H	TS630L	TS800N	TS800H	TS800L
Rated breaking capacity Ka				65	85	150	65	100	150
Downstream			Rated brk. cap. Ka	Enhanced breaking capacity Ka					
LS Susol	TS100N	50	65	85	150		65	100	150
	TS100H	85			150			100	150
	TS160N	50	65	85	150		65	100	150
	TS160H	85			150			100	150
	TS250N	50	65	85	150		65	100	150
	TS250H	85			150			100	150
	TS400N	65		85	150			100	150
	TS400H	85			150			100	150
	TS630N	65		85	150			100	150
	TS630H	85			150			100	150
	TS800N	65						100	150
	TS800H	100							150

Information in the above aforementioned tables has been developed in conjunction with LSIS.

Cascading (Back-up) & Enhanced Discrimination at 415VAC

The following table details the K_a takeover value (left hand side value) of the upstream circuit breaker when applied in a circuit with the stated downstream breaker in the event of a short circuit. The right hand value is the enhanced downstream breaker capacity when backed up by the stated upstream breaker. Total discrimination can be expected in the event of a short circuit for all combinations in the shaded columns. That is the downstream breaker should clear the fault without tripping the upstream breaker up to the enhanced breaking capacity.

Enhanced take over value \longrightarrow 15/30 \longleftarrow Downstream breaker enhanced breaking capacity

Upstream circuit breaker : Susol TS160 to TS250. Downstream circuit breaker : LS BK din series

Upstream		TS160N/H/L				TS250/N/H/L		
		50/85/150kA		TM-FMU		50/85/150kA		TM-ATU
Downstream	Trip Unit Rating	80	100	125	160	160	200	250
BKN 6kA	< = 16	30/30	30/30	30/30	30/30	30/30	30/30	30/30
	20-25	30/30	30/30	30/30	30/30	30/30	30/30	30/30
	32-40	15/30	30/30	30/30	30/30	30/30	30/30	30/30
	50	15/30	30/30	30/30	30/30	30/30	30/30	30/30
	63		30/30	30/30	30/30	30/30	30/30	30/30
BKN-B 10kA	< = 16	50/50	50/50	50/50	50/50	40/40	40/40	40/40
	20-25	50/50	50/50	50/50	50/50	40/40	40/40	40/40
	32-40	15/50	50/50	50/50	50/50	40/40	40/40	40/40
	50	15/40	40/40	40/40	40/40	30/30	30/30	30/30
	63		40/40	40/40	40/40	30/30	30/30	30/30
BKH 10kA	63		2.5/25	2.5/25	2.5/25	25/25	25/25	25/25
	80		2.5/25	2.5/25	2.5/25	25/25	25/25	25/25
	100				2.5/25	25/25	25/25	25/25
	125					25/25	25/25	25/25
		Electronic ETS						
Downstream	Trip Unit Rating	100	160		250			
BKN 6kA	< = 2.5	40/40	40/40		40/40			
	32-40	6/40	40/40		40/40			
	50-63		40/40		40/40			
BKN-B 10kA	< = 25	40/40	50/50		40/40			
	32-40	10/40	50/50		40/40			
	50-63		50/50		40/40			
BKH 10kA	63		2.5/25		25/25			
	80		2.5/25		25/25			
	100				10/25			
	125							

Information in the above aforementioned tables has been developed in conjunction with LSIS.



ABC Series Products

The FR and CS range of special application sensors are designed to solve specific installation issues found in today's modern buildings. These products are especially designed with the installation team in mind - with each product being made for ease of installation and commissioning. All FR and CS series products can be customised by you on site or at the design stage for your specific application. Please call your local distributor to discuss your site specific requirements.

ABC FR3

Current monitor & timer

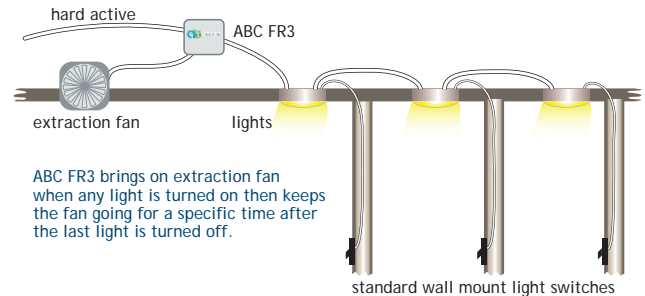
The ABC FR3, an Australian designed and made product, is a very versatile current sensor, delay off timer (10 minutes maximum adjustable) and 5 Amp (inductive) power relay in one small unit. It is designed to monitor the current (amps) used on a 240V AC circuit and operates the internal 5 Amp (ind) power relay when the monitored circuit draws current, initialising a 0-10min adjustable off-delay timer.

ABC FR3 options

Other versions are available on request to suit your needs. Call us to discuss your requirements and we can recommend the best alternative for the situation or, in some instances, create a new one.

ABC FR3 Specifications

- Operation voltage 220 to 240 VACMax
- Total Load current 10 Amps Max
- Relay switching current 10 Amps (res) 5 Amp (ind)-AC3
- Timer range ABC FR3 0 to 10 min adjustable



ABC FR3 brings on extraction fan when any light is turned on then keeps the fan going for a specific time after the last light is turned off.

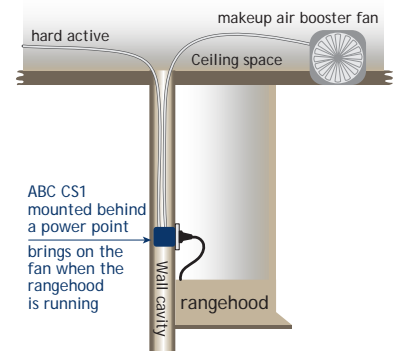


ABC-CS1 Series

Current monitoring relay

This new range of compact current sensors have many varied uses. They will monitor a 240vac load and switch a second load when current is detected. Because it doesn't need the timing facility of the FR3 series, its small size makes it easier to install than ever before.

The ABC CS1 can be purchased as a standalone PCB, small enough to mount in a standard electrical Jbox or in a pre-wired enclosure as shown.



ABC CS1 mounted behind a power point brings on the fan when the rangehood is running

Please contact your local distributor for pricing and any technical details or requirements.



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