



**REPAIR STICKS**

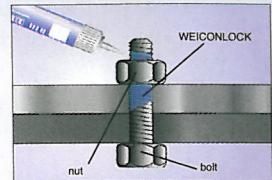
Code	WST-ST*	WST-AQ*	WST-PL*	WST-WO*
	*Add to code: 57 57g stick 115 115g stick	*Add to code: 57 57g stick 115 115g stick	*Add to code: 57 57g stick 115 115g stick	*Add to code: 28 28g stick 56 56g stick
	Preferably used for quick and high-strength repairs and bonds of metal parts. Patches and seals cracks, holes, leakages and surface damages on: <ul style="list-style-type: none"> <li>• machine parts.</li> <li>• tanks and conduit pipes.</li> <li>• vessels, pumps and housings.</li> <li>• balcony grids.</li> <li>• stair railings.</li> <li>• stripped threads.</li> </ul> Suitable as a universal repair compound in the whole D.I.Y. and household sector	Ideal for quick repairs on damp and wet surfaces and for underwater applications. Patches and seals cracks, holes, leakages and surface damages on: <ul style="list-style-type: none"> <li>• fuel and water tanks.</li> <li>• radiators.</li> <li>• electrical switchboards.</li> <li>• sanitary installations.</li> <li>• swimming pools.</li> <li>• and in the marine sector.</li> </ul>	Especially for durable repairs of plastic parts* and fibre-reinforced materials (GFRP, CFRP, fibre-glass) with residual elasticity as well as for bonding of metal parts. <ul style="list-style-type: none"> <li>• pipes and pipe elbows.</li> <li>• fittings and flanges.</li> <li>• water tanks.</li> <li>• window and door frames.</li> <li>• pumps and pump housings.</li> <li>• coverings and bumpers.</li> </ul> *except for plastics such as PE, PTFE, etc.	For permanent and elastic, non-shrink repairs of wooden parts, seals, gaps on: <ul style="list-style-type: none"> <li>• timber boards and planks.</li> <li>• veneers</li> <li>• window and door frames.</li> <li>• model making (airplanes, ships, etc.)</li> <li>• wooden toys.</li> </ul> Suitable as a universal repair compound in the household and hobby sector.



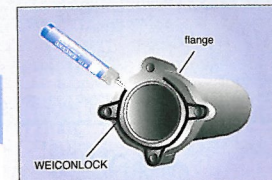
**THREADLOCKING & SEALING**

Code	Application	Viscosity at +25°C in mPa's Brookfield	Gap filling capacity in mm max.	For threaded joints up to	Colour	Temp. resistance	Available as
WSA-302-43	Threadlocking	2.000 - 7.000mt	0.25	M 36	blue	-60°C to +150°C	50ml
WSA-302-62	Threadlocking	1.500 - 6.500 mt	0.25	M 36	red	-60°C to +150°C	50ml
WSA-302-71	Locking of threads and stud bolts	500lt	0.15	M 20 R 3/4"	red	-60°C to +150°C	50ml
WSA-302-72	Pipe and flange sealing	17.000 - 50.000ht	0.40	M 80 R 3"	white	-60°C to +150°C	50ml
WSA-306-38	Retaining cylindrical assemblies	2.500mt	0.20	M 36	green	-60°C to +150°C	50ml

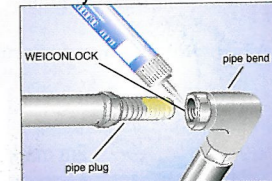
Field of application: **Threadlocking**  
• Screws & nuts  
• Stud bolts



Field of application: **Flange sealing, gasketing**  
• Flanges  
• Casings  
• Lids



Field of application: **Sealing of threaded pipes and fittings**  
• Threaded connections  
• Hydraulic and pneumatic systems  
• Cooler and compressed air systems



**ELASTIC ONE-COMPONENT ADHESIVES AND SEALANTS**

Code	WST-310CL-*	WST-310SUP	WST-AF-*
	*Add colour to code: WH (White), BK (Black), G (Grey)		*Add colour to code: WH (White), BK (Black), G (Grey)
	Elastic one-component adhesive and sealant on an MS polymer basis. It does not contain solvents, isocyanate, or substances that hinder the coating of lacquer (eg. silicone). Flex 310 M Classic can be sanded and painted over* and has excellent adhesion on almost all materials. <ul style="list-style-type: none"> <li>• Free of silicone, and halogen.</li> <li>• Can be painted over immediately* (wet in wet).</li> <li>• Very good adhesion without primer on most surfaces.</li> <li>• Excellent aging stability.</li> <li>• Good UV stability.</li> <li>• Resistance to salt water.</li> <li>• Solvent-free, odour-free.</li> </ul> Advantages of Flex 310 M Classic:	Elastic one-component adhesive and sealant with fast development of adhesive strength, on an MS polymer basis. It contains no substances that hinder the coating of lacquer (eg. silicone), no solvents, and no isocyanate. Flex 310 M Super-Tack has a very high initial adhesive strength and also enables adhesive bonds on vertical surfaces indoors and outdoors. <ul style="list-style-type: none"> <li>• Broad range of adhesion, even on moist surfaces.</li> <li>• Colourfast and resistant to weathering and UV.</li> <li>• Free of silicone, isocyanate and halogen.</li> <li>• Solvent-free, odour-free, non-corrosive.</li> <li>• Can be painted over immediately* (wet in wet).</li> <li>• Sandable (after hardening).</li> </ul> Advantages of Flex 310 M Super-Tack:	Special adhesive and sealant for a variety of applications, also on wet and humid surfaces. Aqua-Flex is gap-filling and cures practically without shrinkage to a permanently elastic material. WEICON Aqua-Flex adheres to almost all materials and is especially suitable for: <ul style="list-style-type: none"> <li>• sealing tubes and water pipes.</li> <li>• the repair of tiles and joints, even under water**.</li> <li>• bonding decoration elements in gardens, PVC foils, etc.</li> <li>• sealings in humid areas and in the sanitary sector**.</li> <li>• bondings and repairs in the maritime sector.</li> <li>• repair of roof leakages**</li> </ul> *1 not suitable for applications in chloric water. ** bacterial infestation possible. ** not compatible on bituminous surfaces.

**ANTI-SEIZE HIGH-PERFORMANCE ASSEMBLY PASTES**

Code	WST-AS*	WST-HT*
	*Add to code: 120 - 120g tub, 450 - 450g tub	*Add to code: 120 - 120g tub, 450 - 450g tub
	Anti-Seize Standard Grade consists of selected, finely ground, metallic solid lubricants and a high-quality synthetic oil mixture. Properties: <ul style="list-style-type: none"> <li>• Temperature range: -180°C to +1 200°C</li> <li>• Colour: anthracite</li> <li>• Basic oil: synthetic oil mixture</li> <li>• Solid lubricants: various metallic powders</li> <li>• NLGI Class: 1</li> <li>• Corresponds to MIL 907 D</li> </ul>	Anti-Seize High-Tech is metal-free and can be used with any material. Anti-Seize High-Tech is particularly suited if: <ul style="list-style-type: none"> <li>• metalliferous pastes could cause electrolytic reactions.</li> <li>• nickeliferous products should not or may not be used for health reasons.</li> <li>• dark, metalliferous products should not or may not be used for optical reasons.</li> </ul>

**CYANOACRYLATE ADHESIVES**

Contact Cyanoacrylate Adhesives are cold-curing one-component adhesives, free of solvents. They quickly polymerise by reacting with moisture both on the surfaces to be bonded and from the air, and cure under light pressure. They will bond within seconds almost all materials to and among each other, such as: **metals, plastics, glass, ceramics, wood, leather and natural & synthetic rubber.**

Code	WSA-VA100-12	WSA-VA100-30	WSA-VA8312-12	WSA-VA8312-30	WSA-VA1500-12	WSA-VA1500-30
	Available as: 12g and 30g		Available as: 12g and 30g		Available as: 12g and 30g	
	• Medium viscosity 60-120 mPa's. • Somewhat longer curing. • Universal type for bonding metals, plastics and rubber to and among each other. • The ideal adhesive for the D.I.Y. sector.		• Low viscosity, 20-40mPa's. • Very fast curing. • For bonding of numerous rubber materials (eg. solid rubber or cellular rubber) and plastics. • Especially suitable for bonding EPDM elastomers. • Also suitable for bonding polyolefins (PE-Polyethylene, PP Polypropylene) in combination with WEICON CA-Primer.		• High viscosity, 1000-1500 mPa's. • Slow curing. • For bonding rubber and plastics • Suitable for absorbent and porous materials such as wood, cork, leather and ceramic.	

WIRING ACCESSORIES

WIRING ACCESSORIES

**ADEMARK CABLE MARKERS**

**NEW RANGE**



SAKITC

**Cable Markers (Tags)**

The Ademark marking system allows control panel components to be marked quickly and uniformly. Ademark cables are standardized and may be put together and inserted in various types of tag carriers. The oval cable markers with holding tabs come on adhesive strips and may be peeled off and slipped into the tag carriers rapidly.

Code	Description	Pack Qty
ST2W0*	Numbers from 0 - 9 *Add number required to code (0-9)	1000pcs
ST2WL*	* Add letters required to code (A-Z)	1000pcs
ST2WSP	+	1000pcs
ST2WSM	-	1000pcs
ST2WSE	=	1000pcs
ST2WSD	:	1000pcs
ST2WST	.	1000pcs
ST2WSB	/	1000pcs

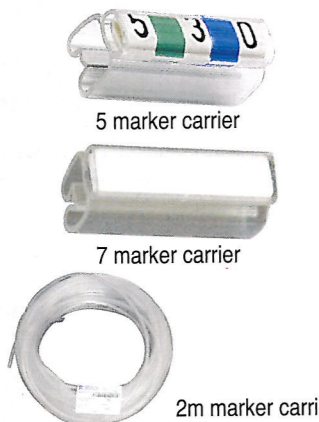


**Cable Marker Kit**

**SAKITC** This complete kit consists of 1 Beech Case, 1 Tool, 1 Hook, and 1000 Cable Markers (with numbers 0-9 and letters ABCRSTUVWXYZ+ - Earth)

**Tag Carriers**

Ademark tag carriers are made of transparent PVC. Due to their special tubular shape, they fit on cables of various diameters, thus cutting down on stock requirements. There are seven types of carrier cables with outside diameters of 1.3mm to 24mm.



5 marker carrier

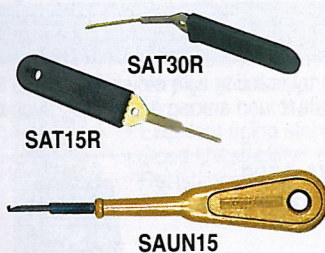
7 marker carrier

2m marker carrier

Model	Outside Ø	Wire Size (mm <sup>2</sup> )	Code 12mm = 5 markers	Pack Qty	Code 18mm = 7 markers	Pack Qty	Precut Length 2m
0	1.3/ 2.0mm	0.22/ 0.5	SA0012	2000	SA0018	2000	SA00MT
1	1.8/ 2.5mm	0.50/ 1.5	SA0112	2000	SA0118	2000	SA01MT
2	2.5/ 4.0mm	0.75/ 5.5	SA0212	2000	SA0218	2000	SA02MT
3	4.0/ 6.5mm	2.50/ 6.0	SA0312	1000	SA0318	1000	SA03MT
4	6.0/ 10.0mm	10.0/ 35.0	SA0412	1000	SA0418	1000	SA04MT
5	9.0/ 15.0mm	25.0/ 70.0	SA0512	1000	SA0518	750	SA05MT
6	15.0/ 24.0mm	35.0/ 120.0	SA0612	500	SA0618	500	SA06MT

**Carrier Tools**

Ademark is made of burnished steel with a special shape for putting the tags together and inserting them into the carriers. Ademark hook is for extracting tags which need changing.



SAT30R

SAT15R

SAUN15

Code	Description	Qty
SAT15R	15mm long with plastic coated handle, Insertion tool	1
SAT30R	30mm long with plastic coated handle, Insertion tool	1
SAUN15	Hook for extracting tags	1

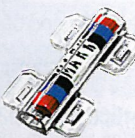
**Adhesive Tag Carriers**

Code	Size	Max. No. of Tags	Pack Qty
SATA12	9 x 12mm	5	1000Pcs
SATA18	9 x 18mm	7	1000Pcs
SATA25	9 x 25mm	10	1000Pcs



**Cable Tie Tag Carriers**

Code	Size	Max. No. of Tags	Pack Qty
SA1018	18mm Long/1 Tie	7	1000Pcs
SA1028	28mm Long/1 Tie	10	1000Pcs
SA1036	36mm Long/2 Ties	14	1000Pcs



**Label Holder Rail 25mm - Natural Anodised**

Code	Description
LH-A/1	Aluminium label holder 1m length. Size of label 20mm
LH-A/2	Aluminium label holder 2m length. Size of label 20mm



**CABLE ID PRINTER**

**NEW RANGE**

Canon Printers



Code	MK2100	MK1100
<b>Print Media</b>	<ul style="list-style-type: none"> <li>High precision print by 1.3mm font and 2mm print pitch</li> <li>High speed and fast output rate 35pcs/min*</li> <li>Bright backlight LCD display</li> <li>Ink ribbon type and remaining amount display</li> <li>USB interface (full speed) PC linkage</li> <li>* 20mm tube, 5 full size character, consecutive print mode, fast cutting</li> </ul>	<ul style="list-style-type: none"> <li>Bright back light LCD display</li> <li>Standard output rate 21pcs/min*</li> <li>Ink ribbon type and remaining amount display</li> <li>* 20mm tube, 5 full size character, consecutive print mode, fast cutting</li> </ul>
<b>Tube</b>	PVC tube, Ø2.5-6.5mm, 0.5mm thick Tube attachment option is required (other tubes should be tested for printing)	PVC tube, Ø2.5-5.2mm, 0.5mm thick Tube attachment option is required (other tubes should be tested for printing)
<b>Label Tape</b>	Exclusive cassettes (White, Yellow, Silver) Widths: 6mm, 9mm, 12mm Length: 30m (silver: 27m) Segment length can be set to 2mm through 150mm.*	Exclusive cassettes (White, Yellow, Silver) Widths: 6mm, 9mm, 12mm Length: 30m (silver: 27m) Segment length can be set to 8mm through 150mm
<b>Wrap Around Tape</b>	Exclusive cassettes Print area only: White, Other areas: Transparent Take-up length: 8m, Length: 33mm Width: 6-150mm (depends on cut setting)	Exclusive cassettes Print area only: White, Other areas: Transparent Take-up length: 8m, Length: 33mm Width: 8-150mm (depends on cut setting)
<b>Marking Strip</b>	Specified Thickness: 0.5mm Plates of other thickness should be tested for printing Width: 8mm, 5.5mm, 9mm, 9.5mm, 10mm Plate attachment option is required Exclusive ribbon cassette is required Manual cut only	-
<b>Heat Shrink Tube</b>	Exclusive cassettes (White, Yellow) Shrink ratio: 3:1, Ø3mm, Ø6mm, Length: 5m Shrink ratio: 2:1, Ø3.2mm, 4.8mm, 6.4mm, Length: 5m	-
<b>4mm ID strip</b>	4mm ID strip Exclusive cassette (White, Yellow) Length: 5mm	-

\* If 1.3mm full-width or 2mm half-width character is specified for segment length of less than 3mm, text might be printed crossing over cutting line

**Consumables**

Code	Description
OI-LT306W	Label tape Cassette 6mm x 30m (White)
OI-LT309W	Label tape Cassette 9mm x 30m (White)
OI-LT312W	Label tape Cassette 12mm x 30m (White)
OI-LT306Y	Label tape Cassette 6mm x 30m (Yellow)
OI-LT309Y	Label tape Cassette 9mm x 30m (Yellow)
OI-LT312Y	Label tape Cassette 12mm x 30m (Yellow)
3476A068	Label tape Cassette 6mm x 27m (Silver) (Pack of 3)
3476A069	Label tape Cassette 9mm x 27m (Silver) (Pack of 3)
3476A070	Label tape Cassette 12mm x 27m (Silver) (Pack of 3)
3476A075	Wrap Around Tape 33mm x 8m (White) (Pack of 3)
3476A035	4mm ID Strip 4mm x 5m (White)
3476A072	4mm ID Strip 4mm x 5m (Yellow)
HS-TU20*	Heat Shrink Tube - 200m/ roll, Ø2mm
HS-TU30*	Heat Shrink Tube - 200m/ roll, Ø3mm
HS-TU40*	Heat Shrink Tube - 200m/ roll, Ø4mm
HS-TU50*	Heat Shrink Tube - 100m/ roll, Ø5mm
HS-TU60*	Heat Shrink Tube - 100m/ roll, Ø6mm
HS-TU70*	Heat Shrink Tube - 100m/ roll, Ø7mm

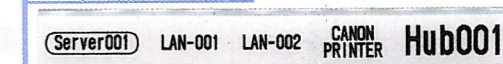
\*Add colour to code: ○ W (White), ● Y (Yellow)

3476A042	Cutter Set
3476A043	Cleaner Set for Tube Attachment and Tube Feeder
3476A078	Cleaner Set for Plate Attachment
3476A071	Cleaner Set for Tube Warmer
3604B001	Ribbon Cassette Black (100m) (Pack of 5)
3606B001	Ribbon Cassette Black for Marking Strip (40m) (Pack of 5)

**Label Tape**



**Wrap Around Tape**



**4mm ID Strip**



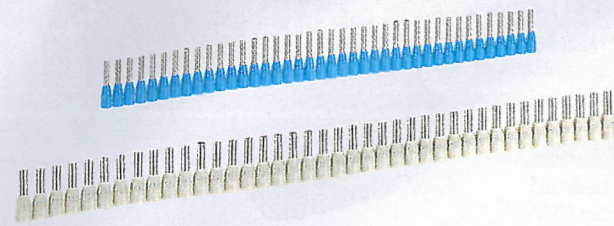
**Heat Shrink Tube**



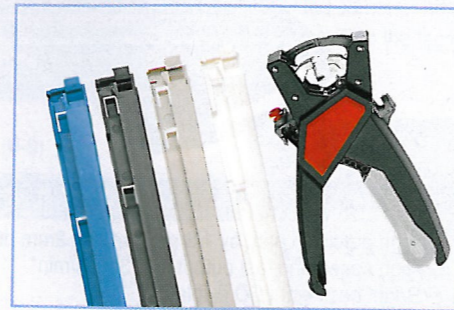
**Optional Extras**

Code	Description	Compatible Printer
3471A026	Tube warmer set	MK2100/ MK1100
3471A027	Tube feeder set	MK2100
3471A031	Wrap around tape guide	MK2100/ MK1100
4013B001	Hard case	MK2100/ MK1100
3476A044	Soft case	MK2100/ MK1100
3471A033	Plate attachment	MK2100
3476A046	Tube attachment	MK2100/ MK1100

## STARFIX FERRULES & CRIMPING TOOLS



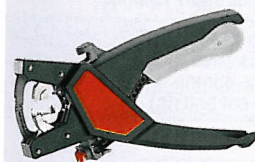
### Starfix™ Starfix dispensing and crimping tools



37653 37655 37656 37652 37697

Pack Size	Pack Code	For cables cross section (mm <sup>2</sup> )	Colour	Length of conductor (mm)
<b>Insulated Ferrules</b>				
480	37661	0.5	White	7.7
480	37662	0.75	Blue	7.7
1000	37663	1	Red	7.7
1000	37664	1.5	Black	8
1000	37666	2.5	Grey	8
250	37667	4	Orange	12
250	37668	6	Green	12

### Starfix S multi-purpose application tool

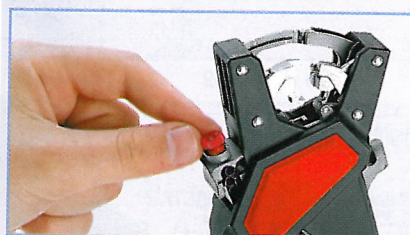


For ferrules of 0.5 to 2.5mm<sup>2</sup>  
4 point crimping  
Cuts, strips, twists, crimps (see below)  
Supplied complete with colour-coded applicators, for dispensing strips  
For simultaneously separating and crimping the ferrules

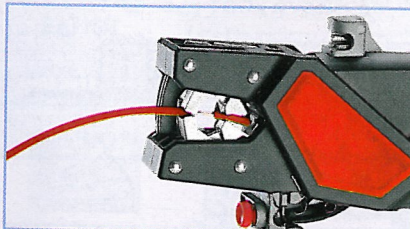
#### Code

37697

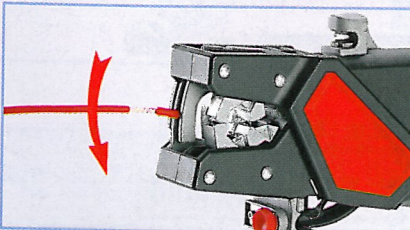
Cross-sections 0.5 - 0.75 - 1 - 1.5 and 2.5mm<sup>2</sup>  
(supplied complete with 5 empty applicators)



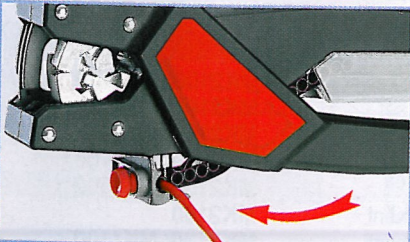
- Set the wheel to the wire cross-section:  
Position I-0.5 to 1mm<sup>2</sup>  
Position II-1.5 to 2.5mm<sup>2</sup>



- Strip the wire:  
Automatic adjustment to the wire cross-section



- Twist the wire:  
Tighten the tool while pulling the wire to remove the insulation.



- Crimp:  
Push the Starfix ferrule against the wire and tighten.

### Crimping Tools

For dispensing the ferrule terminals and simultaneously separating and crimping the ferrules.

Pack Size	Pack Code	Description
1	37609	For 0.5-0.75-1, 1.5 and 2.5mm <sup>2</sup> ferrules (supplied complete with 5 empty applicators)
1	37651	For 4 and 6mm <sup>2</sup> ferrules (supplied complete with 2 empty applicators)

Cutting edge and crimping face: Stainless steel

### Starfix™ applicators

For dispensing colour-coded strips of ferrules, supplied individually.  
Polyamide 6/6

Pack Size	Code	For Ferrules cross-section (mm <sup>2</sup> )	Colour
1	37652	0.5	White
1	37653	0.75	Blue
1	37654	1	Red
1	37655	1.5	Black
1	37656	2.5	Grey
1	37657	4	Orange
1	37658	6	Green

### Assorted Kit

Code	Comprising
37659	1 Starfix™ tool Cat.No 37609 5 applicators, empty 120 x 0.5mm <sup>2</sup> ferrules 120 x 0.75mm <sup>2</sup> ferrules 240 x 1mm <sup>2</sup> ferrules 320 x 1.5mm <sup>2</sup> ferrules 200 x 2.5mm <sup>2</sup> ferrules



## FIREMANS EMERGENCY SWITCHES

### For Illuminated Signs – weatherproof – IP65

38042	Double pole 16A 250V (ACI) Red Size: 143 x 100 x 65(D) mm
38052	Four Pole 16A 250V (ACI) Grey Size: 172 x 101 x 73(D)mm

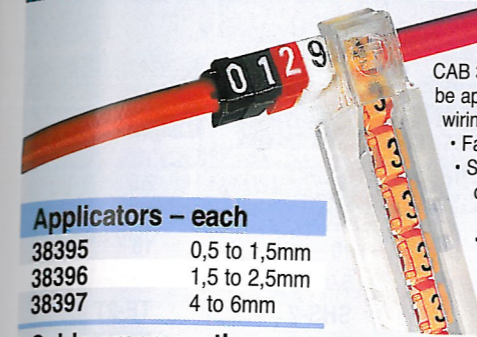
**Safety Features**

- Circuit breaking possible using fireman's baton, or similar object.
- Box impossible to open when power is on
- Automatic locking device in "off" position to prevent accidental switching on
- Plastic enclosure, glow wire tested in accordance with IEC 60 695-2-1.1

38052

38042

## CAB3 CABLE MARKERS



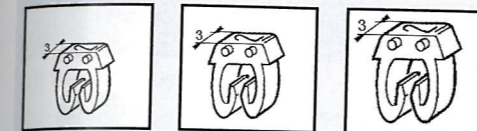
CAB 3 markers can be applied at any time, even after wiring has been completed:

- Fast fitting onto 0.5 to 6mm<sup>2</sup>
- Side clipping design ensures precise alignment
- Fixes tightly to the cable
- International colour code

### Applicators – each

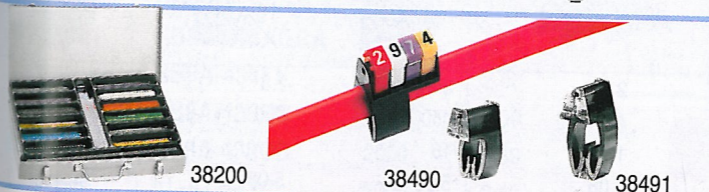
38395	0,5 to 1,5mm
38396	1,5 to 2,5mm
38397	4 to 6mm

### Cable cross section



0,5 to 1,5mm <sup>2</sup> 1200/Pack Code	1,5 to 2,5mm <sup>2</sup> 1200/Pack Code	4 to 6mm <sup>2</sup> 800/Pack Code	Numbers	Colour
38210	38220	38230	0	Black
38211	38221	38231	1	Brown
38212	38222	38232	2	Red
38213	38223	38233	3	Orange
38214	38224	38234	4	Yellow
38215	38225	38235	5	Green
38216	38226	38236	6	Blue
38217	38227	38237	7	Violet
38218	38228	38238	8	Grey
38219	38229	38239	9	White

300/Pack Code	300/Pack Code	300/Pack Code	Conventional symbols Black on yellow background
38270	38280	38290	/
38271	38281	38291	.
38272	38282	38292	+
38273	38283	38293	-
38274	38284	38294	~
38275	38285	38295	≡
38276	38286	38296	↓



0,5 to 1,5mm <sup>2</sup> 300/Pack Code	1,5 to 2,5mm <sup>2</sup> 300/Pack Code	4 to 6mm <sup>2</sup> 300/Pack Code	Letters Black on yellow background
38300	38330	38360	A
38301	38331	38361	B
38302	38332	38362	C
38303	38333	38363	D
38304	38334	38364	E
38305	38335	38365	F
38306	38336	38366	G
38307	38337	38367	H
38308	38338	38368	I
38309	38339	38369	J
38310	38340	38370	K
38311	38341	38371	L
38312	38342	38372	M
38313	38343	38373	N
38314	38344	38374	O
38315	38345	38375	P
38316	38346	38376	Q
38317	38347	38377	R
38318	38348	38378	S
38319	38349	38379	T
38320	38350	38380	U
38321	38351	38381	V
38322	38352	38382	W
38323	38353	38383	X
38324	38354	38384	Y
38325	38355	38385	Z

Description	Code
<b>CAB 3 Starter Pack</b>	
0.5-1.5mm <sup>2</sup> : 3000 markers (250 each 0-9) + 10 applicators	38202
1.5-2.5mm <sup>2</sup> : 3000 markers (250 each 0-9) + 10 applicators	38203
4-6mm <sup>2</sup> : 2000 markers (200 each 0-9) + 10 applicators	38204
Carry case only for CAB3 and Starfix	38200

Description	Code
<b>Label Holders (for large cables)</b>	
For cable size 10 to 16mm <sup>2</sup> : Pack size 100	38490
For cable size 25 to 35mm <sup>2</sup> : Pack size 50	38491

## DUPLIX CABLE MARKERS

### Legrand Duplix Markers

Numerals	Colour	800/Pack Code	Letters & Symbols – Yellow – 600 Pack	Code	Code	Code
0	Black	38400	A	38410	L	38421
1	Brown	38401	B	38411	M	38422
2	Red	38402	C	38412	N	38423
3	Orange	38403	D	38413	O	38424
4	Yellow	38404	E	38414	P	38425
5	Green	38405	F	38415	Q	38426
6	Blue	38406	G	38416	R	38427
7	Violet	38407	H	38417	S	38428
8	Grey	38408	I	38418	T	38429
9	White	38409	J	38419	U	38430
			K	38420	V	38431
						W
						X
						Y
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### Carrier Strips (pairs)

Colour	7 Markers 100 Pack Code	14 Markers 100 Pack Code
Black	38450	38460
Red	38452	38462

**P.C.B. TERMINALS**

Description	Plug Female	Hor. Male	Ver. Male	Strips	Plug	
Wire Size (mm)	2.5	2.5	2.5	-	1.5	2.5
Voltage V	450	450	450	250	250	500
AMPS A	16	16	16	10	10	16
Pin spacing (mm)	5.08	5.08	5.08	5.00	5.00	10
2 Pole	SH-02	PV-02	PH-02	-	SHS-2	TE-2T
3 Pole	SH-03	PV-03	PH-03	-	SHS-3	TE-3T
4 Pole	SH-04	PV-04	PH-04	-	-	TE-4T
5 Pole	SH-05	PV-05	PH-05	-	-	-
6 Pole	SH-06	PV-06	PH-06	-	-	-
7 Pole	SH-07	PV-07	PH-07	-	-	-
8 Pole	SH-08	PV-08	PH-08	-	-	-
10 Pole	SH-10	PV-10	PH-10	PVS-10	-	-
12 Pole	SH-12	PV-12	PH-12	-	-	-
14 Pole	SH-14	PV-14	PH-14	-	-	-

Description	Vertical							
Wire Size (mm)	1.5	2.5	2.5	2.5	2.5	4.0	4.0	10.0
Voltage V	450	450	450	750	450	750	750	750
AMPS A	17.5	16	16	16	25	25	25	57
Pin spacing (mm)	5.00	5.00	5.08	7.5	6.35	9.52	10.16	
2 Pole	PA-02	MVE-152	MVE-252	MV-252	MV-272	MV-462	MV-492	MV-102
3 Pole	PA-03	MVE-153	MVE-253	MV-253	MV-273	MV-463	MV-493	MV-103

Description	Horizontal	35° Angled	Vertical Double Deck		Triple Deck
Wire Size (mm)	2.5	2.5	2.5	2.5	2.5
Voltage V	450	500	450	450	450
AMPS A	16	16	16	16	16
Pin spacing (mm)	5.08	7.5	5.08	5.08	5.08
2 Pole	MH-252	MH-272	MI-252	MVD-252	MVDK-252
3 Pole	MH-253	MH-273	MI-253	MVD-253	MVDK-253

Description	Spring Vertical	Dual Pin Terminal
Wire Size (mm)	1.0	2 x 2.5mm <sup>2</sup>
Voltage V	250	500
AMPS A	10	25
Pin spacing (mm)	5.00	10.00
2 Pole	MVEM-502	MT-2102
3 Pole	MVEM-503	MT-2103

**DIN Rail Mount Housing 17.5mm wide**

Code: CEM17 Description

- Width 17.5mm
- Terminals to be ordered separately 4 x 3 way P.C.B Mount Terminal Blocks fitting 2.5mm<sup>2</sup> wire size
- Dimensions (mm): 98 (L) x 17.5 (W) x 56.4 (H)

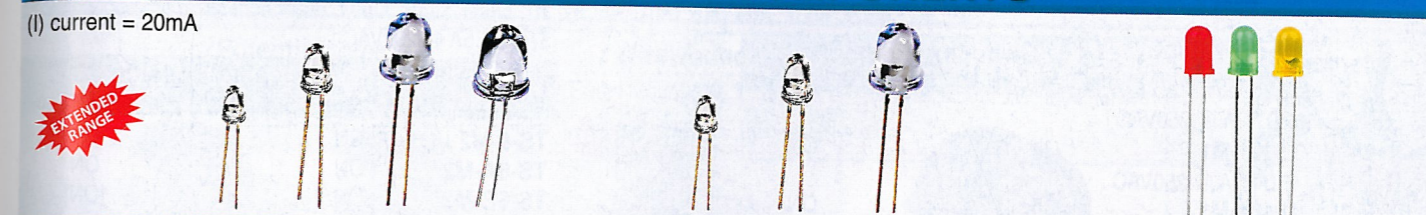
**Terminal**

- ML253-L 3 Way (2.5mm<sup>2</sup>) with pins to the left
- ML253-R 3 Way (2.5mm<sup>2</sup>) with pins to the right
- CEM17 ML253-R Terminals to be ordered separately

**CHASSIS MOUNT TERMINALS**

Code	MAT-275 (1P)	CMR-752 (2P) CMR-753 (3P)	MPT410-D-GY	MPT1010-D-GY	MPT1612-GY	MPT2515-GY
Wire Size (mm <sup>2</sup> )	2.5	-	4.0	10.0	16.0	25.0
Volts	450V	-	450V	750V	450V	750V
Amps	25A	-	32A	57A	76A	101A
Spacing (mm)	7.5	-	10	10	12.1	15.1

**ELECTRONIC COMPONENTS**



(I) current = 20mA

Colour	Ultra Bright Code	mcd	Typical V	Super Bright Code	mcd	Typical V	Diffused Code	mcd	Typical V
● Red	HB3B-445AOR	2800	2.00	L3-224HRC-3	120	2.40	L3-224HD	1.6	2.80
● Green	HB3B-433AGCA	5500	3.50	L3-224VGC	100	2.80	L3-224GD	6	2.80
● Yellow	HB3B-444FY	6500	2.00	L3-224VYC	100	2.80	L3-224YD	6	2.80
● Amber	HB3B-447FA	2500	2.00	-	-	-	-	-	-
● Blue	HB3B-448ABCA	2600	3.50	-	-	-	L3-224UBD-4	-	2.80
○ White	HB3B-449AWD	2400	3.60	-	-	-	-	-	-

**5mm LED's**

Colour	Code	mcd	Typical V	Code	mcd	Typical V	Code	mcd	Typical V
● Red	HB5-435AOR	4500	2.00	L5-333HRC-3	300	2.40	L5-333HD	300	2.80
● Green	AL-513TRC	10000	2.00	L5-333VGC	120	2.80	L5-333GD	120	2.80
● Yellow	HB5-433AGCA	10000	3.50	L5-333VYC	120	2.80	L5-333YD	120	2.80
● Amber	HB5-434FY	4000	2.00	-	-	-	-	-	-
● Blue	HB5-437FA	4000	2.00	-	-	-	-	-	-
● Blue	HB5-438ABCA	3500	3.50	L5-333UBC-1	-	2.80	L5-333UBD-4	-	2.80
○ White	HB5-439AWD	11000	3.60	L5-333UWC-2	-	2.80	L5-333UWW-4	-	2.80

**8mm LED's**

Colour	Code	mcd	Typical V	Code	mcd	Typical V
● Red	HB8A-436ARA	4000	1.86	L2X5-523HD	0.8	2.80
● Green	HB8A-433AGCA	9000	3.50	L2X5-523GD	2.2	2.80
● Yellow	HB8A-434FY	3600	2.00	L2X5-523YD	2.2	2.80
● Amber	HB8A-435FO	10000	2.00	-	-	-
● Blue	HB8A-438CB	2000	3.50	-	-	-
○ White	AL-813W2C	5000	2.40	-	-	-

**Rectangle LED's 2 x 5mm**

Colour	Code	mcd	Typical V
● Red	L2X5-523HD	0.8	2.80
● Green	L2X5-523GD	2.2	2.80
● Yellow	L2X5-523YD	2.2	2.80

**Flashing 5mm LED's**

Colour	Code	mcd	Typical V
● Red	L5-FR	1.6	2.80
● Green	L5-FG	6	2.80

**10mm LED's**

Colour	Code	mcd	Typical V	Code	mcd	Typical V
● Red	HB10B-436ARA	10000	1.86	-	-	-
● Green	HB10B-433AGCA	9000	3.50	-	-	-
● Yellow	HB10B-434FY	9000	2.00	-	-	-
● Amber	HB10B-435FO	10000	2.00	-	-	-
● Blue	HB10B-438CB	2000	3.50	-	-	-
○ White	AL-103W2C	5000	2.40	-	-	-

**Xenon Flash Tubes**

Code	Cathode Voltage (V) Rated Max	Anode Voltage (V) Min	Rated Power (W)	Flash Interval Times (S)	Trigger Voltage	Flash Times	Dimensions (mm) H h e d
XTU2010	300	400	200	2	0.3	≥ 6	≥ 1x10 <sup>6</sup> 40 20 10 5
XTU3210	300	400	200	2	0.3	≥ 6	≥ 1x10 <sup>6</sup> 65 32 10 5
XTU4417	300	400	200	4	0.3	≥ 6	≥ 1x10 <sup>6</sup> 75 44 17 6
XTU4427	400	500	200	6	0.3	≥ 6	≥ 1x10 <sup>6</sup> 75 44 27 6

**MINIATURE SWITCHES**

**Solder Tag/Panel Mount**

SPDT 2A @ 250VAC

Code	Switching Position		
8013-M1	ON	-	ON
8014-M1	ON	OFF	ON
8013A-M1	ON	-	[ON]

**PCB Mount**

SPDT 2A @ 250VAC

Code	Switching Position		
8013-M2	ON	-	ON
8014-M2	ON	OFF	ON
8013A-M2	ON	-	[ON]

DPDT 2A @ 250VAC

Code	Switching Position		
8011-M1	ON	-	ON
8012-M1	ON	OFF	ON
8011A-M1	ON	-	[ON]

DPDT 2A @ 250VAC

Code	Switching Position		
8011-M2	ON	-	ON
8012-M2	ON	OFF	ON
8011A-M2	ON	-	[ON]

**Code** **Switching Position**

Code	Switching Position		
3PDT 2A @ 250VAC	ON	-	ON
T8301-M1	ON	-	ON
4PDT 2A @ 250VAC	ON	-	ON
T8401-M1	ON	-	ON

SPDT 1.5A @ 250VAC

Code	Switching Position		
TS-6-M2	ON	-	ON
TS-6A-M2	ON	OFF	ON
TS-6B-M2	ON	-	[ON]

**Code** **Switching Position**

Code	Switching Position		
TS-13C-M1	ON	-	ON
TS-14C-M1	ON	OFF	ON

**Code** **Switching Position**

Code	Switching Position		
TS-13C-M2	ON	-	ON
TS-14C-M2	ON	OFF	ON

**HEATSINKS – BLACK ANODISED ALUMINIUM**

<b>Code</b>	35S1	35S2	28S1	BK-T220-37-03	BK-T220-42-02	BK-T220-66-01	BK-T330-1
<b>Thermal Resistance</b>	20kW	20kW	25kW	30kW	20kW	18kW	20kW
<b>Code</b>	BK-T220-42-02	BK-T220-60-3	BK-ALU-19-1	BK-T220-01-45	BK-T220-01-51	HS-007	
<b>Thermal Resistance</b>	14kW	18kW	20kW	45m – 10kW	51m – 9kW	6kW	

**POTENTIOMETERS**

Resistance tolerance ±10% • Cermet/Industrial sealed

**Multi Turn – 25 Turns – P.C.B. Mount**

<b>Code</b>	3296W-*	3296X-*	3296Y-*	3296Z-*	3006P-*

**Single Turn – P.C.B. Mount**

<b>Code</b>	3323P-*	3386H-*

\*Add to Code the resistance value: 100Ω, 200Ω, 500Ω, 1K, 2K, 5K, 10K, 20K, 50K, 100K, 200K, 1M, 2M

Potentiometers		Wirewound	Potentiometer
Panel Mount	P.C.B. Mount	Panel Mount 5W, 1 Turn	Panel Mount 2W, Multi-turn
<b>Code</b>	12mm Ø 12M1HGB-A* 16mm Ø 16M1HB-A*	WW24M1HB-A*	WXD3590-*
*Add resistance value: 500Ω, 1K, 2K, 5K, 10K, 20K, 50K, 100K, 500K, 1M • Power Rating: 1K-5K (0.08W) • Resistance Tolerance: 20% • Rotating Angle: 300° • 6mm Steel Shaft 20mm long • 12mm Ø body for 12M1HGB-A • 20mm Ø body for 16M1HB-A		*Add resistance value: 500Ω, 1K, 2K, 5K • Power Rating: 5W • Resistance Tolerance: 20% • Rotating Angle: 300° • 6mm Steel Shaft, 20mm long • 24mm Ø body	*Add resistance value: 100Ω, 200Ω, 500Ω, 1K, 2K, 5K, 10K, 20K, 50K, 100K • Power Rating: 2W max. 500V • Resistance Tolerance: 5% • Multi turn • 6mm Plastic Shaft • Operating Temp. -55°C to 125°C • 22mm Ø body
		<b>PNZ15EAU*</b>	For shaft fitting
			*Add resistance value: 100Ω, 200Ω, 500Ω, 1K, 2K, 5K, 10K, 22K, 50K, 100K, 200K, 470K, 1M • Power Rating: 0.25W/in; 0.12W no lin • Tolerance: ≤1MΩ±20%; >1MΩ±30% • Rotating Angle: 265° ± 5°

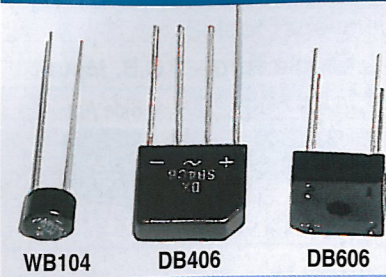
**CONTROL KNOBS**

<b>Code</b>	JK-905-*	JK-901D	JK-902B
	*Add colour Cap: R, Y, B, G eg: JK-905-B	Outside Ø: 19.8mm	Outside Ø: 24mm
			15 Turn Outside Ø: 22mm

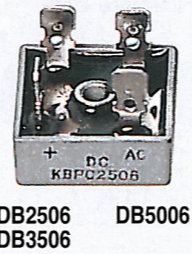
**TERMINAL POSTS**

<b>Code</b>	SP1301-BK/R/W/B/G	SP1300-BK/R/G	SP1302-BK/R/G	SP1303-BK/R/W/B/G	FN07-R/B/G	FN08-R/FN08-B	FN09-R/FN09-B
<b>AMPS (A)</b>	16A	16A	16A	80A	150A	200A	
<b>Bolt size</b>	Solder tag	4mm	4mm	4mm	6mm	8mm	10mm
<b>Accepts Banana Plug</b>	yes 4mm	yes 4mm	yes 4mm	yes 4mm	-	-	-
<b>Hole sizes</b>	10mm	8mm	10mm	10mm	10mm	14mm	16mm

**ELECTRONIC COMPONENTS**



Code	Description	Code	Description
<b>Bridge Rectifiers</b>			
WB104	1Amp 400V	DB2506	25Amp 600V
DB406	4Amp 600V	DB3506	35Amp 600V
DB606	6Amp 600V	DB5006	50Amp 600V



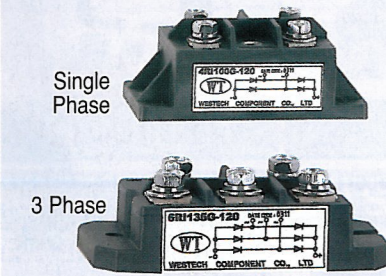
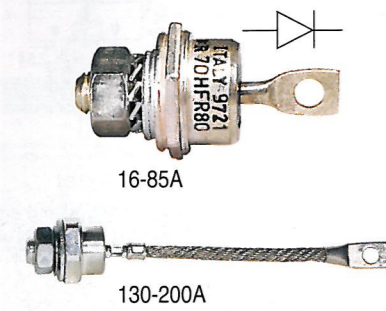
DB2506 DB5006  
DB3506

**Diodes – Stud Type**

Amps	Max Voltage	Cathode to Stud	Anode to Stud
16A	1200V	16F120	16FR120
25A	1200V	25F120	25FR120
70A	800V	70HF080	70HFR080
70A	1200V	70HF120	70HFR120
85A	800V	85HF080	85HFR080
130A	1200V	130HF120	130HFR120
150A	800V	45L080	45LR080
250A	800V	70L080	70LR080

**Diodes – Lead Type**

Code	Description
IN4007	1Amp 1000V
IN5408	3Amp 1000V



**Bridge Rectifiers**

Single Phase Code	Amps	Volts VRRM	Volts VRSM	3 Phase Code
-	35A	1200	1320	MDS 35/12
MDQ 50/12	50A	1200	1320	MDS 50/12
MDQ 100/12	100A	1200	1320	MDS 100/12
MDQ 135/12	135A	1200	1320	MDS 135/12
MDQ 160/12	160A	1200	1320	MDS 160/12
-	200A	1200	1320	MDS 200/12

**CLAMPS & TEST LEADS**



Type	Battery Clamps	Battery Clamp Sets	Alligator Clips	2 x 5 Colour Leads
Code	SP1231-BK/R(20A) SP1232-BK/R(50A)	SP1221-BK/R 100A	SP51200S 200A SP51400B 400A	SP1226-BK/R
	20A, L = 81mm 50A, L = 95mm	100A, L = 155mm	L = 135mm L = 175mm	L = 47mm
			SP1212-BK/R(10A) SP1214-BK/R(30A)	SP1236
			10A, L = 53mm 30A, L = 70mm	Double ended, 400mm

**DIP SWITCHES**

**Code: DS-N\*-R**

\*Add No of way: 02, 03, 04, 05, 06, 07, 08, 09, 10 or 12

**Code: DP-L\*-R**

\*Add No of way: 02, 03, 04, 05, 06, 08, 09, 10 or 12

**APPLIANCE PLUGS & SOCKETS**

**EXTENDED RANGE**

	Power Inlet/Outlet				
Rating 10A @250VAC					
Type	Male Socket 2.5A @ 250VAC	Male Socket 2.5A @ 250VAC	2.5A 250VAC 1.5m Cable	230V 3A/115V 6A Switch	2 in 1 Rocker Switch with Circuit Breaker
Code	JR-201-1	JR-201S	RP-22E	AS-2208	SS-001* 5A, 10A, 15A

	Power Inlet/Outlet Plug & Sockets					
Rating: 10A @ 250VAC						
Type	Socket C/W 5 x 20 Fuse Holder	Male Socket Inlet	Female Socket Outlet	M/F Socket Inlet + Outlet	Plug - Female	Plug - Male
Code	JR-101-1F	JR-101	JR-121	JR-3012	JA-2232	JA-2233

	American/Euro Plugs and Sockets					
Type	10A Plug & Socket with 2m cable	10A 2 Pin Male Euro Plug	Socket	Socket	Adaptor 230V / 110V Round to Flat	Adaptor 110V / 230V Flat to Round
Code	RP-24E	RP-25	JR-141	JR-161	JR-1157	JR-1157R1

	16A 400V 150°C Disconnectable Plugs • Polyamide							
Type	2 Pole Socket	2 Pole Plug	3 Pole Socket	3 Pole Plug	5 Pole Socket	5 Pole Plug	3 Pole Distribution Block Fits 3 x Sockets & 1 x Plug	
Code (brown/black)	BMM9024	BMM9023	BMM9034	BMM9033	BMM9054	BMM9053	BMM9039	
Code (white)	BMB9024	BMB9023	BMB9034	BMB9033	BMB9054	BMB9053	BMB9039	

Cable Connectors		Chassis Mount Connectors				
No. of Poles	Amps	Volts	Chassis Mount Connector Male	Cable Connector Male	Chassis Mount Connector Female	Cable Connector Female
2 Pole	8A	250V	PX041202P	PX041002P	PX041202S	PX041002S
3 Pole	8A	250V	PX041203P	PX041003P	PX041203S	PX041003S
4 Pole	5A	125V	PX041204P	PX041004P	PX041204S	PX041004S
6 Pole	5A	125V	PX041206P	PX041006P	PX041206S	PX041006S
8 Pole	5A	125V	PX041208P	PX041008P	PX041208S	PX041008S
10 Pole	1A	50V	PX041210P	PX041010P	PX041210S	PX041010S
12 Pole	1A	50V	PX041212P	PX041012P	PX041212S	PX041012S

Code	Description
PX0480	Sealing cap for PX0412
PX0481	Sealing cap for PX0410

Code	Description
SA13027	Tool for 1A Pins
SA13027/1	Tool for 5A Pins
SA13027/2	Tool for 8A Pins

ELECTRONICS

ELECTRONICS

PERANO ENCLOSURE FITTINGS

Panel Locks

Panel Lock 6mm ■ key			Panel Lock 8mm ▲ key			Handwheel Panel Lock			Coin Slot Panel Lock			Padlockable Panel Lock 6mm ■ key		
Dia.	Depth†	Code	Depth†	Code	Code	Dia.	Depth†	Code	Dia.	Depth†	Code	Dia.	Depth†	Code
16	25-32	16-1401-*	-	-	-	8	13-28	8-5271-*	16	25-32	16-3401-*			
16	39-44	16-1531-*	-	-	-	8	23-38	8-5371-*	16	39-44	16-3531-*			
20	23-28	20-1351-*	23-32	20-1373-*	19-26			20-6331-*						
20	41-49	20-1531-*	41-44	20-1603-*	42-49			20-6561-*						

\*Add Tongue required: 01, 02, 03, 05, 06. †Depth will depend on type of tongue used

Lever Locks

Padlockable Lever Lock			Heavy duty steel pad- lockable Lever Lock			Mini Lever Lock			Wing Nut padlockable			
Dia.	Depth†	Code	Dia.	Depth	Locking Facility	Code	Dia.	Depth†	Code	Dia.	Depth	Code
● 16	30-42	16-4431-*										
● 16	48-65	16-4611-*										
○ 16	30-47	16-4432-*	17mm	28.5-32mm	3	B-24B02	20	19-26	20-7331-*	24	23-27	24-4421-*
○ 16	48-65	16-4612-*							20	42-49		20-7561-*

\*Add Tongue required: 01, 02, 03, 05, 06. †Depth will depend on type of tongue used

Panel Lock IP65

6mm ■ key			25-65-401			25-65-402			25-65-403			25-65-404-*					
Dia.	Depth	Code	Dia.	Depth†	Key	Body	Code	Dia.	Depth†	Key	Body	Code	Dia.	Depth†	Key	Body	Code
25	20	25-5201-04MS	25	25-41	6mm ■ square key	Plastic	25-65-401-*	25	25-41	8mm ■ square key	Die Cast	25-65-402-*	25	25-41	8mm ▲ tri-angular key	Die Cast	25-65-403-*
25	25	25-5251-04MS	25	25-41	8mm ■ square key	Die Cast	25-65-402-*	25	25-41	8mm ▲ tri-angular key	Die Cast	25-65-403-*	25	25-41	8.3mm ● DIN key	Die Cast	25-65-404-*
25	28	25-5281-04MS	25	25-41	8mm ▲ tri-angular key	Die Cast	25-65-403-*	25	25-41	8.3mm ● DIN key	Die Cast	25-65-404-*					

\*Add Tongue required: 01, 02, 03, 05, 06. †Depth will depend on type of tongue used



Dia.	Depth	Key	Code
25mm	23mm	6mm	B-26311
25mm	20mm	6mm	B-2601A
25mm	23mm	6mm	B-26011

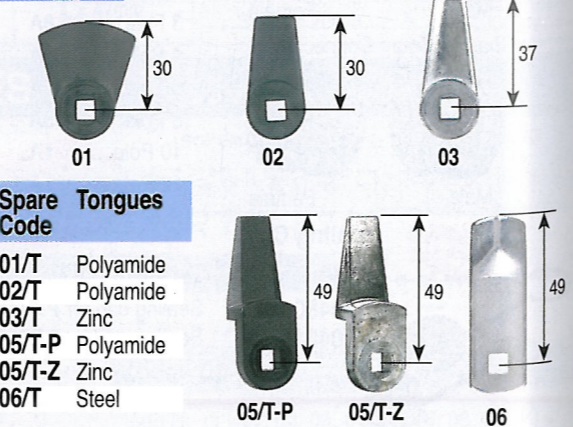


Dia.	Depth†	Code
20.5	40-47	20-8521-*

\*Add Tongue required: 01, 02, 03, 05, 06. †Depth will depend on type of tongue used

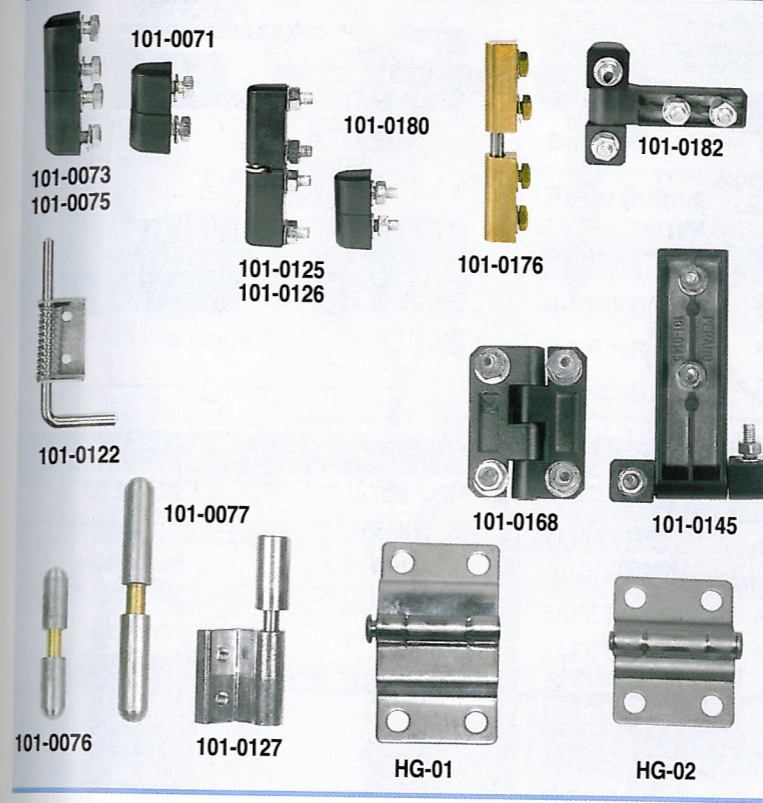
Tongues and Parts of Locks

Tongues



Spare Tongues Code	Description
01/T	Polyamide
02/T	Polyamide
03/T	Zinc
05/T-P	Polyamide
05/T-Z	Zinc
06/T	Steel

PERANO ENCLOSURE FITTINGS



Hinges (black powder coated)

Fixing	Hinge Length	Code
1 x M5 bolt	30mm	101-0071
2 x M5 bolts	50mm	101-0073
4 x M5 bolts	70mm	101-0075
1 x M6 stud	36mm	101-0180
2 x M5 studs	60mm	101-0126
2 x M6 studs	75mm	101-0125
4 x M6 studs	T-Hinge 50mm	101-0182
4 x M6 studs	T-Hinge 104mm	101-0145
4 x M6 studs	Butt Hinge	101-0168
4 x M8 bolts	100mm Brass Hinge	101-0176

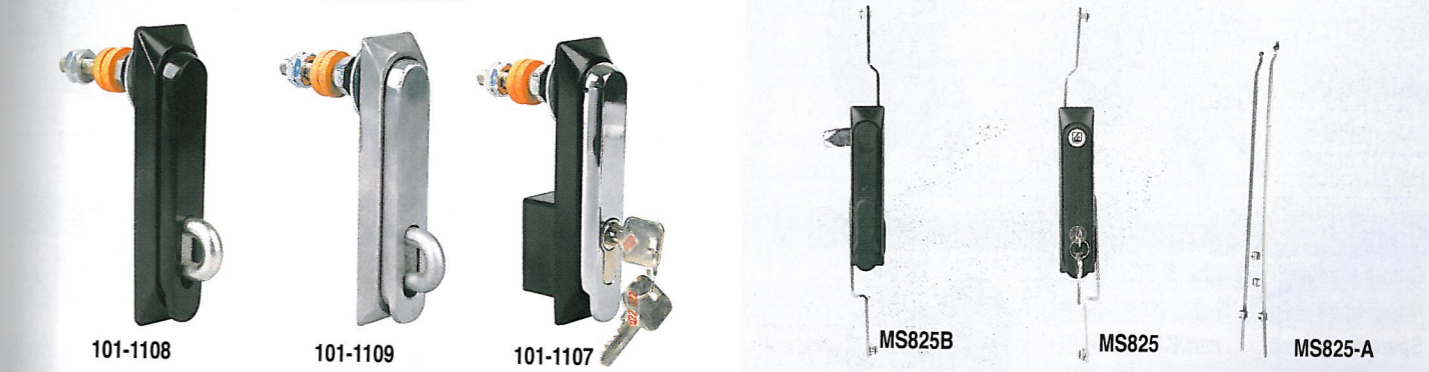
Hinges (mild steel body brass hinge pin)

Fixing	Hinge Length	Code
44mm x 9.5 Ø	Pin type	101-0076
75mm x 9.5 Ø	Pin type	101-0077
57mm x 12 Ø	Concealed hinge	101-0127
5mm Ø	Spring activated hinge	101-0122

Hinges (stainless steel)

Fixing	Hinge Length	Code
4 x M4 Ø	43 x 25mm	HG-01
4 x M4 Ø	32 x 25mm	HG-02

Padlockable or Key Swing Handles

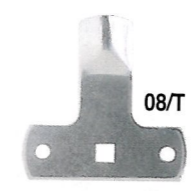


Dia.	Description	Code	Code	Description
20.5mm	Lockable Swing Handle Die Cast	101-1108	MS825B	Lockable Swing Handle
20.5mm	Lockable Swing Handle Stainless Steel	101-1109	MS825	Key Operated Swing Handle
20.5mm	Key Operated Swing Handle Die Cast	101-1107	MS825-A	2 x 1m Locking Rods

Lockable swing handles suitable for use with 3-point locking rod sets, see below for rod sets.

Kit comprises:

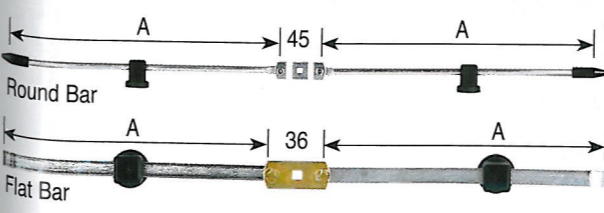
Kit comprises:	Spares
2 x rods	-
2 x rod end tips	100-0111
2 x rod guide	100-0114
1 x double lever plate	100-0136



3 Point Square Drive Lock System

For use with all combinations of locks and tongues.

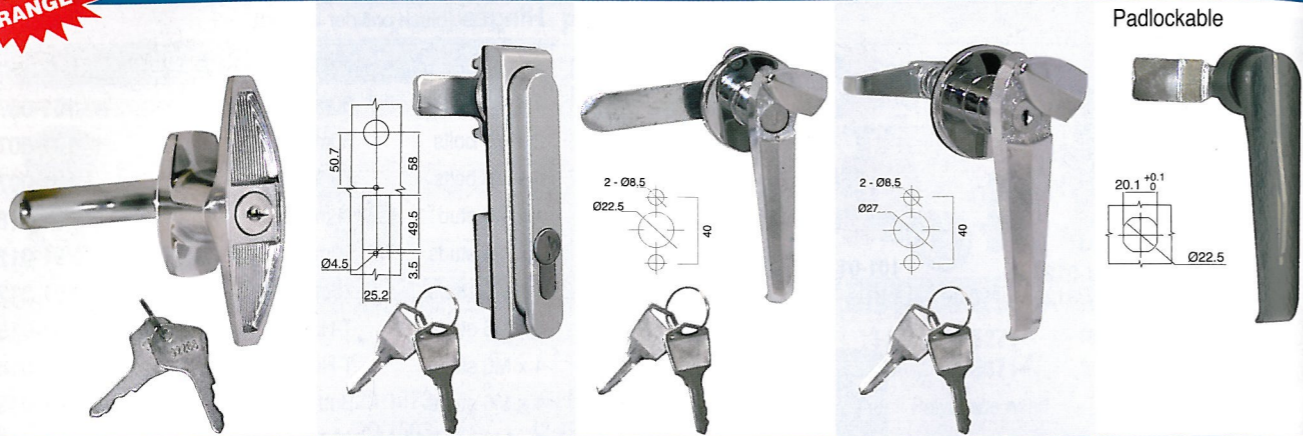
Length 'A'	Kit Code Round Bar	Length 'A'	Kit Code Flat Bar
200mm	101-0130	203mm	101-0110
320mm	101-0131	253mm	101-0111
450mm	101-0132	303mm	101-0112
520mm	101-0133	353mm	101-0113
720mm	101-0134	450mm	101-0114
1000mm	101-0135	553mm	101-0115



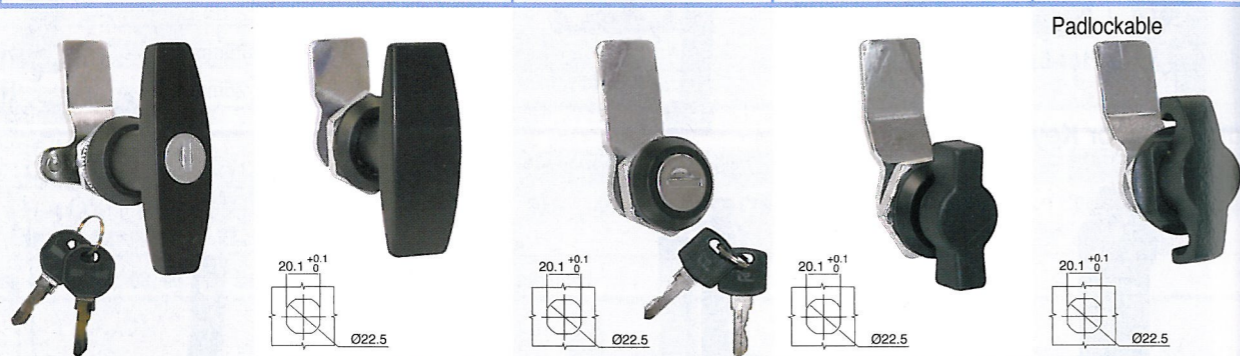
Code: 08/T Tongue to convert 2 way locking system to a 3 way lock system

## ENCLOSURE FITTINGS

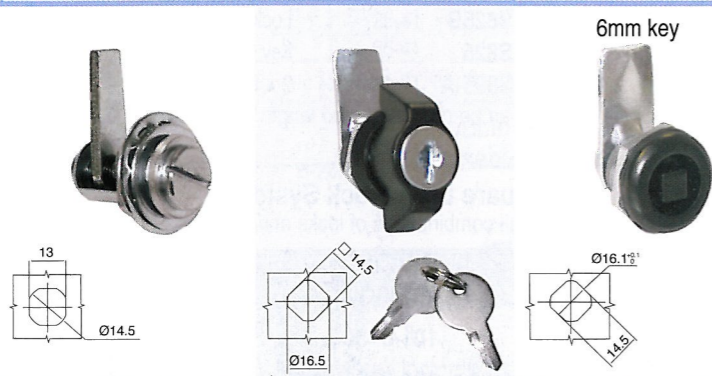
**NEW RANGE**



Code	MS316	MS863	MS306-2-1	MS807-1	MS842
Cutout (mm)	22.50	29 x 140	22.50	Ø27	20 x 22.50
Depth (mm)	-	31	15.5	45-58	19
Spare Keys	<b>K28</b>	<b>K14</b>	<b>K0200</b>	<b>K05</b>	Padlockable
Handle Length (mm)	100	142	130	148	115
Material	Zinc Alloy	Zinc Alloy	Zinc Alloy	Zinc Alloy	Zinc Alloy
Finish	Chrome Plated	Grey Chrome Plated	Bright Chrome Plated	Bright Chrome Plated	Black Powder Coated

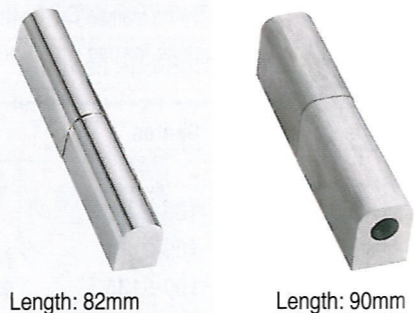


Code	MS101-1-1	MS705-3U	MS705-3E	MS714-2	MS714-3
Cutout (mm)	22.50	22.50	22.50	22.50	22.50
Depth (mm)	20	18	18	25	25
Spare Keys	<b>K333</b>	-	<b>K14</b>	-	-
Handle Length (mm)	78	60	270	40	50
Material	Zinc Alloy	Zinc Alloy	Zinc Alloy	Zinc Alloy	Zinc Alloy
Finish	Black Powder Coated	Black Powder Coated	Black Powder Coated	Black Powder Coated	Black Powder Coated



Code	MS811-4	MS815-2	MS845-1
Cutout (mm)	14.50	16.50	16.50
Depth (mm)	10-17	13	13.5
Spare Keys	-	<b>K17</b>	<b>KEY-P6</b>
Handle Length (mm)	20.70	30	200
Material	Zinc Alloy	Zinc Alloy	Zinc Alloy
Finish	-	Black Powder Coated	Black Powder Coated

### Stainless Steel Hinges

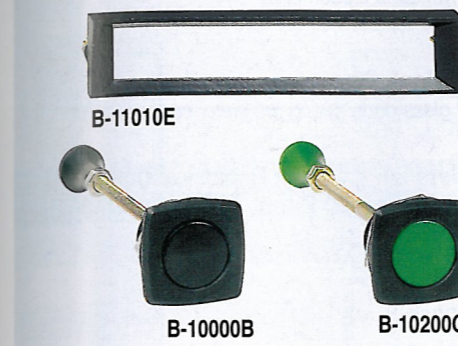


Code	CL204-3A	CL204-3S
Length	82mm	90mm
Mounting	4 x M6	4 x M6
Material	Stainless Steel	Stainless Steel
Finish	Mirror Polish	Satin Finish

Padlockable

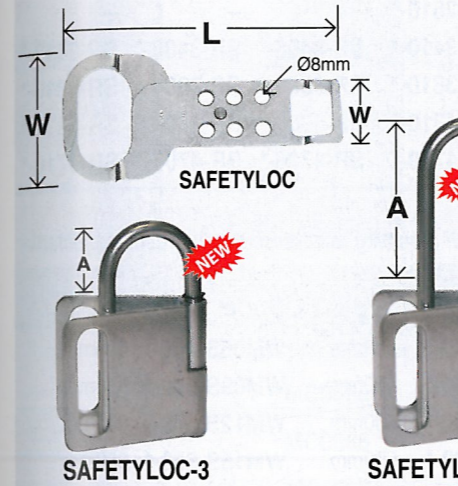
Padlockable

## ENCLOSURE FITTINGS



Code	Description	Label Size	Holder Size
B-11010E	Label holder	125 x 25	138 x 31
B-11014E	Label holder	76 x 12.5	88 x 19

### Reset Button



Code	Description	Size	Mounting Hole Ø
B-10000B	Black Pushbutton	Adj. from 36 to 140mm	30.5 mm
B-10500R	Red Pushbutton	Adj. from 36 to 140mm	30.5mm
B-10200G	Green Pushbutton	Adj. from 36 to 140mm	30.5mm

### Safety Lockout Attachment

Code	No. of locks	Dimensions	Jaws
SAFETYLOC	Accepts 6 padlocks	150(L) x 70(W) x 35(W)	30 x 50 + 20 x 25mm (Internal)
SAFETYLOC-3	Accepts 3 Padlocks	8mm Ø Clasp	A=40mm
SAFETYLOC-6	Accepts 3 Padlocks	8mm Ø Clasp	A=65mm

### Plastic Spring Lock

Code	Description
MS7331-1-BK	Spring lock 28.2 x 39.5mm. Black.
MS7331-1-W	Spring lock 28.2 x 39.5mm. White.

### Key Lock

Dia.	Depth	Code
20.5	20	101-0106-20-*
20.5	30	101-0106-30-*
12	16	C1091-*

### Lockable Handle

Dia	Depth	Code
22	12	101-0102

Body: Zinc die cast with mild steel tongue  
Finish: Chrome plated

### Knurled Hand-Wheel

Code	Hole Dia.	Wheel Dia.
KHW5	5mm	20mm
KHW6	6mm	24mm

### Handwheel Screw Fastener

Code	Thread Length	Wheel Dia.
HSF6-16	10mm	6mm 24mm
HSF6-30	30mm	6mm 24mm
HSF8-30	30mm	8mm 30mm
HSF8-40	40mm	8mm 30mm

### Panel Keys

Code	KEY-P6	61-12-1	82-135-1	83-135-1	9-414-1	KEY-P4	KEY-P5
Material	Polycarbonate	Die Cast	Die Cast	Die Cast	Die Cast	Die Cast	Die Cast
Key	6mm Square	6mm Square	8mm Square	8mm Triangular	8.8mm Din	6mm 8mm 8.8mm Din 8mm	6mm 8mm 8.8mm Din 8mm

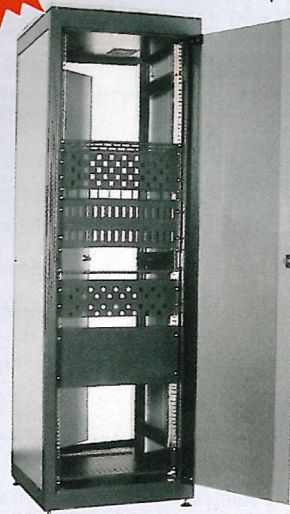
### Handles

Code	Length x Height x Ø	Material	Code
101-0120-B	50 x 30 x 6	Steel	101-0041
101-0120-G	75 x 30 x 6	Steel	101-0042
101-0041/45	100 x 40 x 10	Steel	101-0043
	115 x 46 x 12	Steel	101-0044
	200 x 60 x 12	Steel	101-0045
	50 x 116	Grey Plastic	101-0120-G
	50 x 116	Black Plastic	101-0120-B

## 19" CABINETS

**NEW 1000D**

- DIN 41490.
- IP40.
- For loads up to 600kg.



- Frame: extruded aluminium alloy, powder coated. Textured Ocean Grey.
- Doors, sides and top plate mild steel, powder coated. Textured Goose Grey.
- Tempered glass lockable door – grey tinted.

### Standard Floor Standing Cabinet 19" & Slack Racks

Cabinet comprises, frame, side and rear door, front glass door, raised top plate, two mounting rails and adjustable feet.

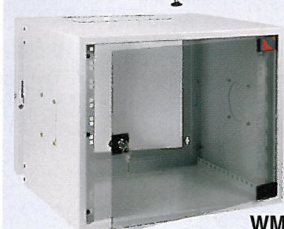
Rack Capacity	Height mm	Cabinets - 600mm wide			Slack Racks - 300mm wide		
		600 Deep	800 Deep	1000 Deep	600 Deep	800 Deep	1000 Deep
12U	730	AL-1206*	AL-1208*	AL-1210*	-	-	-
15U	870	AL-1506*	AL-1508*	AL-1510*	-	-	-
20U	1090	AL-2006*	AL-2008*	AL-2010*	-	-	-
25U	1310	AL-2506*	AL-2508*	AL-2510*	-	-	-
34U	1710	AL-3406*	AL-3408*	AL-3410*	SR-3406*	SR-3408*	SR-3410*
38U	1890	AL-3806*	AL-3808*	AL-3810*	SR-3806*	SR-3808*	SR-3810*
43U	2110	AL-4306*	AL-4308*	AL-4310*	SR-4306*	SR-4308*	SR-4310*
47U	2290	AL-4706*	AL-4708*	AL-4710*	SR-4706*	SR-4708*	SR-4710*

### 19" Wall Mounting Enclosures

Comprising housing, lockable glass door and 2 x 19" mounting rails which are fully depth adjustable.

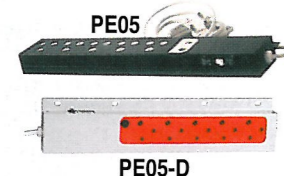
Cabinet	Height	Width	Fixed		Hinged	
			Code	Depth	Code	Depth
6U	327	560	WM06-300*	300mm	WM06S-400*	400mm
9U	460	560	WM09-450*	450mm	WM09S-550*	550mm
12U	593	560	WM12-500*	500mm	WM12S-600*	600mm
15U	726	560	WM15-500*	500mm	WM15S-550*	550mm

\*Add colour to code: ● G (Grey), ● BK (Black)



WM06S-400

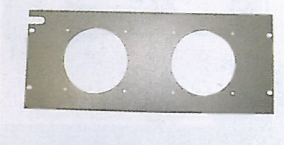
### Accessories



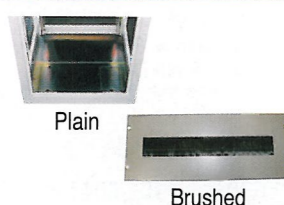
Description	Code
<b>Extension Plugs 15A</b> c/w circuit breaker protection	
5 way 350mm	PE05
10 way 700mm	PE10
5 way dedicated plug	PE05-D
10 way dedicated plug	PE10-D



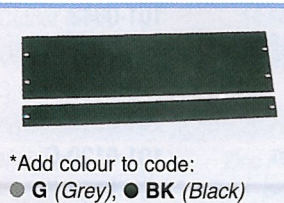
Description	Code
<b>Fan Trays</b> (fans excluded*) – two halves. *For fan size 120 x 120 see page 412.	
600 x 600 2 fans	FT6062
600 x 600 4 fans	FT6064
600 x 800 2 fans	FT6082
600 x 800 4 fans	FT6084
600 x 1000 2 fans	FT6102
600 x 1000 4 fans	FT6104



Description	Code	
<b>Gland Plates</b> (consists of two halves)		
	Brushed	Plain
600D	BGP606	GP606
800D	BGP608	GP608
1000D	BGP610	GP610



Description	Code
<b>19" Blanking Plates</b>	
43.6h 1U	UP-01U*
88.6h 2U	UP-02U*
132.6h 3U	UP-03U*
177.0h 4U	UP-04U*
265.9h 6U	UP-06U*
443.7h 10U	UP-10U*



Description	Code
<b>Support Shelves – front &amp; rear mount</b> (Requires 4 mounting rails in cabinet) Only for Floor standing AL range	
330d 15h	SS330*
450d 15h	SS450*

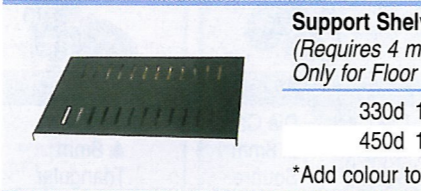
\*Add colour to code:  
● G (Grey), ● BK (Black)

### 19" Mounting Rails Left & Right

Cabinet	Code	Cabinet	Code
535h 12U	MR12	1513h 34U	MR34
665h 15U	MR15	1691h 38U	MR38
891h 20U	MR20	1913h 43U	MR43
1113h 25U	MR25	2091h 47U	MR47

### Network Patch Panels

No. of Way	Code CAT5E	Code CAT6UPT
18 Way	GMCA50	GMCA618
24 Way	GMCA51	GMCA624

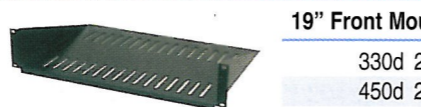


### Keyboard Tray Telescopic Sliding Tray



### Circuit Breaker Box (excluding C/B's DIN Mount)

20 way	3U	CB20
12 way	3U	CB12



Description	Code
<b>19" Front Mount Shelves</b>	
330d 2U	MS330*
450d 2U	MS450*



Description	Code
<b>Cage Nut set</b> Cage Nut set c/w screw and plastic washer	CNS-1



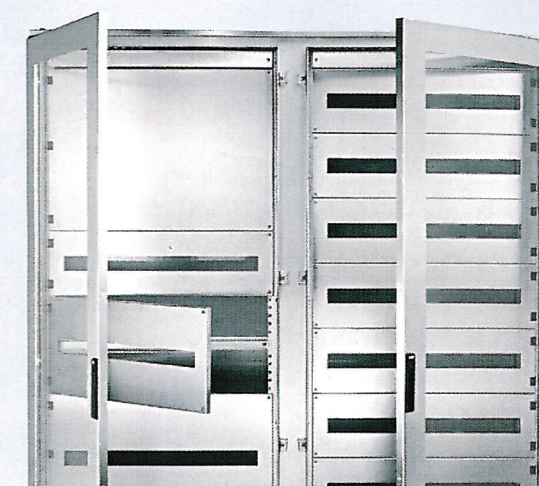
With 50mm rear plate

## STAINLESS STEEL (304) FLOOR STANDING ENCLOSURES IP65



- Outer Finish: Fine Satin
- Chassis Plate: Galvanised Mild Steel, to be ordered separately
- Side panels, removable and bolted, to be ordered separately
- 4 point door closing, twin-comb door lock
- Stainless Steel hinges, polyurethane seals
- Modular design
- Doors supplied with all accessories

Material gauge:  
1.5mm Side and Back  
2mm Frame and Door



*Enclosure Code	Dimensions H x W x D	Chassis Plate		Side Panels	Plinth 100mm Deep
		Code	Size H x W		
MC0686	1815 x 605 x 615	P10517	1696 x 497	MC86	ZA06106
MC0886	1815 x 805 x 615	P10717	1696 x 697	MC86	ZA08106
MC1086	1815 x 1005 x 615	P10917	1696 x 897	MC86	ZA10106

\*Enclosure without side panels and chassis plate. To be ordered separately.

### Accessories

Enclosure Type	Outer Glass Door	Full Inner Door	DIN Covers 200mm H	No. of DIN Modules	Total DIN Mod	Blank Covers		Uprights for DIN & Blank Covers	Partition Plates
						200mm H	400mm H		
MC0686	PV0618	CP0618	PMF0620	22	(9 x 22) 192	PMC0620	PMC0640	TM0618	ST686
MC0886	PV0818	CP0818	PMF0820	33	(9 x 33) 297	PMC0820	PMC0840	TM0818	ST686
MC1086	PV1018	CP1018	PMF1020	44	(9 x 44) 396	PMC1020	PMC1040	TM1018	ST686

Blank cover 200mm (H)

DIN cover 200mm (H)



Code	Description
SB209333/M10	Galvanised Eye Bolt. See page 289 for more options

## 19" RACK ACCESSORIES

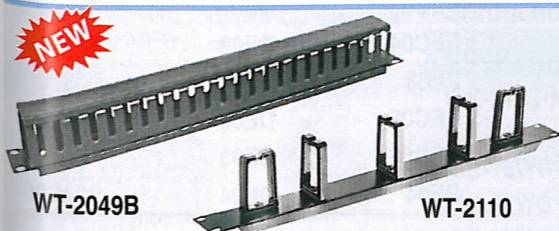
**NEW**



WT-2143A

### 19" Power Panel with IEC Socket - c/w 1.8m power cable

Code	Description
WT-2143A	9 Way socket with ON/ OFF switch
WT-2143B	8 Way socket with ON/ OFF switch, overload protection and light



WT-2049B

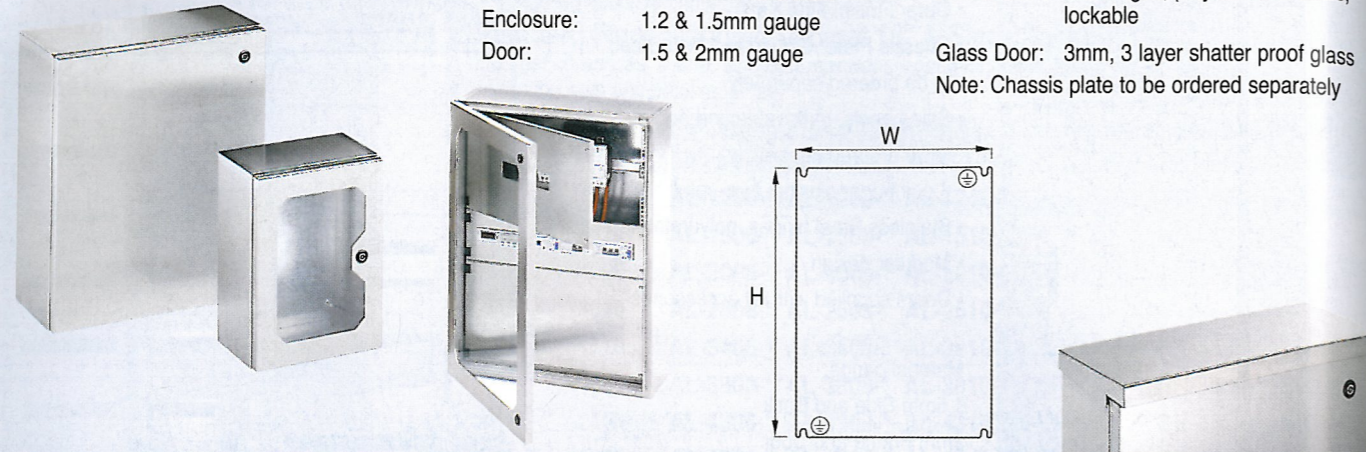
WT-2110

### 19" Cable Manager

Code	Description
WT-2049B	with plastic cover
WT-2110	with 5pc plastic rings

## STAINLESS STEEL (304) WALL MOUNTING MODULAR ENCLOSURES

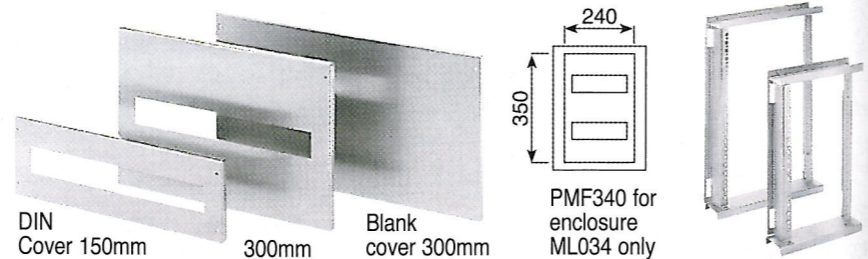
Outer finish: Fine Satin  
 Chassis Plate: Galvanised mild steel  
 Enclosure: 1.2 & 1.5mm gauge  
 Door: 1.5 & 2mm gauge  
 Protection: IP66  
 Features: S/S hinges, polyurethane seals, lockable  
 Glass Door: 3mm, 3 layer shatter proof glass  
 Note: Chassis plate to be ordered separately



Enclosure H x W x D x Gauge	Plain Door Code	Door Gauge	Glass Door Code	Galv. Chassis Plate Code	Chassis Plate H x W x Gauge	Canopy Code
400 x 300 x 200 x 1.2	ML034	1.5mm	MV034	PM034	345 x 250 x 2.5	TP934
500 x 400 x 200 x 1.2	ML045	1.5mm	MV045	PM045	445 x 350 x 2.5	TP945
650 x 500 x 250 x 1.2	ML056	1.5mm	MV056	PM056	595 x 450 x 2.5	TP956
800 x 600 x 250 x 1.5	ML068	2mm	MV068	PM068	745 x 550 x 2.5	TP960
950 x 600 x 300 x 1.5	ML610	2mm	MV610	PM610	895 x 550 x 2.5	TP9610

- Chassis plate to be ordered separately
- Inner frame required when internal DIN and blank covers are used
- DIN covers are supplied with adjustable depth DIN rails
- Covers are supplied with screw locks on both sides
- Inner frames S/S 2mm

Enclosure	No. of modules	DIN Cover 350mm high	Inner Frame
ML034	11 + 11	PMF340	*TM034



Enclosure	No. of modules	Total DIN mod	DIN Cover 150mm high	Blank Cover 150mm high	DIN Cover 300mm High	Total DIN mod	Blank Cover 300mm High	Inner Frame
ML034	11	(2 x 11) 22	PMF315	PMC340	PMF340	(1 x 15) 15	PMC340	*TM034
ML045	15	(2 x 15) 30	PMF415	PMC415	PMF430	(1 x 15) 15	PMC430	*TM045
ML056	20	(3 x 20) 60	PMF515	PMC515	PMF530	(2 x 20) 40	PMC530	*TM056
ML068	26	(4 x 26) 104	PMF615	PMC615	PMF630	(2 x 26) 52	PMC630	*TM068
ML610	26	(6 x 26) 156	PMF615	PMC615	PMF630	(3 x 26) 78	PMC630	*TM610

\*Order frame to install covers separately

### 304 Stainless Steel Pushbutton Control Station Enclosures IP66

Dimension H x W x D	Holes	For 22mm Devices	Plain Cover	Chassis Plate
80 x 80 x 85	1	PE01	DE01	-
140 x 80 x 85	2	PE02	DE02	-
140 x 80 x 85	3	PEC03	DE02	-
140 x 80 x 85	4	PEC04	DE02	-
200 x 80 x 85	3	PE03	DE03	P03
200 x 80 x 85	5	PEC05	DE03	P03
200 x 80 x 85	6 (3 x 2)	PEC06V	DE03	P03
130 x 150 x 85	4 (2 x 2)	PE04	DE04	P04C06

Chassis plate to be ordered separately

## STEEL DISTRIBUTION & METERING BOARDS



### Outdoor Distribution Kiosk IP55

- Approved by Eskom, manufactured to the latest standards.
- Pitched roof with sliding door. Insulators with 250A busbar included.
- Option for gland plate or unistrut cable termination available.
- Spare key TDUV-04.
- Unique lock and key, padlock option available.
- Hinged door option available.
- Finished in textured epoxy powder coat. Standard colours B22 Orange and RAL7032 Grey. Other colours manufactured to order.

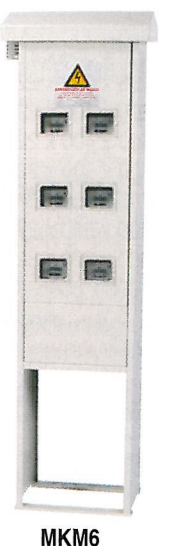
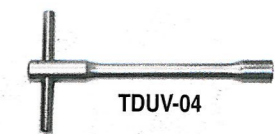
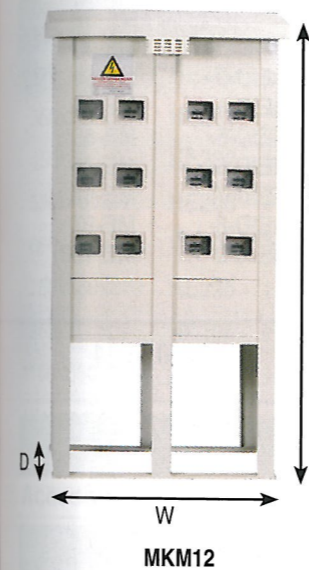
	3 CR12		Mild Steel		No. of Way	W x D (mm)
	Orange	Grey	Orange	Grey		
DKS3	DKS3G	DKM3	DKM3G	3	250 x 350	
DKS6	DKS6G	DKM6	DKM6G	6	250 x 350	
DKS9	DKS9G	DKM9	DKM9G	9	250 x 350	
DKS12	DKS12G	DKM12	DKM12G	12	460 x 350	
DKS18	DKS18G	DKM18	DKM18G	18	460 x 350	
DKS24	DKS24G	DKM24	DKM24G	24	460 x 350	

### Outdoor Metering Kiosks IP55

	3 CR12		Mild Steel		No. of Meters Single Phase	No. of Meters 3 Phase	W x D (mm)
	Orange	Grey	Orange	Grey			
MKS3	MKS3G	MKM3	MKM3G	3		300 x 350	
MKS6	MKS6G	MKM6	MKM6G	6		390 x 350	
MKS9	MKS9G	MKM9	MKM9G	9		540 x 350	
MKS12	MKS12G	MKM12	MKM12G	12		690 x 350	
MKS18	MKS18G	MKM18	MKM18G	18		800 x 400	
MKS24	MKS24G	MKM24	MKM24G	24		950 x 400	
MKS6-3	MKS6-3G	MKM6-3	MKM6-3G		6	540 x 450	
MKS9-3	MKS9-3G	MKM9-3	MKM9-3G		9	680 x 450	
MKS12-3	MKS12-3G	MKM12-3	MKM12-3G		12	850 x 450	

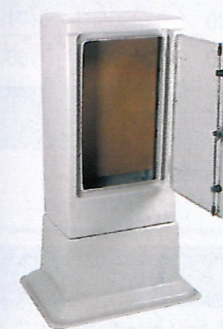
### Features

- Pitched roof with 2 x sliding lid door (hinged doors optional extra)
- Polycarb reading windows (UV resistant)
- Insulators and busbars included (250A)
- Unique lock with key (padlockable optional)
- Spare key TDUV-04.
- Consumers Circuit Breakers can be mounted internally or be made accessible by a separate door



## FIBREGLASS METERING & DISTRIBUTION KIOSKS IP54

All Kiosks supplied with masonite chassis and gland plate



1 or 2 door type GLA/GLB

1 Door	2 Door	No. of Meter	Spare Mounting Board Masonite	Spare Gland Plate	Size (mm) H x W x D
GLA-2WG-*	GLB-2WG-*	2	ISK-2BB	GP-2B	1110 x 360 x 400
GLA-4WG-*	GLB-4WG-*	4	ISK-4BB	GP-4B	1110 x 530 x 400
GLA-6WG-*	GLB-6WG-*	6	ISK-6BB	GP-6B	1330 x 530 x 400
GLA-9WG-*	GLB-9WG-*	9	ISK 9BB	GP-9B	1330 x 700 x 400
GLA-12WG-*	GLB-12WG-*	12	ISK-12BB	GP-12B	1490 x 700 x 400
GLA-24WG-*	GLB-24WG-*	24	ISK-24BB	GP-24B	1490 x 880 x 400

\*Add 'D' for Distribution or 'M' for Metering Kiosk

- To order Kiosks with viewing windows, add 'W' to code e.g. GLA-4WG-MW
- All Kiosks include Busbar, Uni-strut and Busbar cover, masonite chassis and gland plate
- All Kiosks mounted on matching fibreglass plinth • Manufactured to SABS 141
- Dimensions do not include plinth

### Shrouded Fibreglass Kiosks - No Door

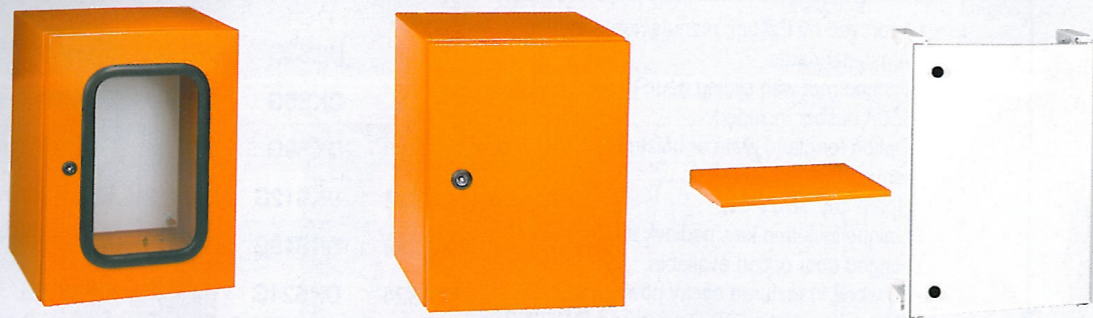
Code	Description	H x W x D (mm)
ISK-9WG-M	9 way metering kiosk	1000 x 580 x 390
ISK-15WG-D	15 way distribution kiosk	1000 x 580 x 390
ISK-15WG-M	15 way metering kiosk	1000 x 550 x 390
ISK-24WG-D	24 way distribution kiosk	1200 x 860 x 460
ISK-24MP	General Application kiosk	1340 x 980 x 550



No door type with lift off cover (shown below).

MEGA STAINLESS STEEL WALL MOUNTING ENCLOSURES (3CR12)

1.6mm Stainless Steel, finished in 60 micron polyester texture coated for high resistance to aggressive environments



Enclosure Size H x W x D	Glass Door <sup>(1)</sup> 3CR12		View	Plain Door <sup>(1)</sup>			Canopy <sup>(1)</sup> 3CR12	Inner Door Kit Mild Steel (White)	Spare Chassis Mild Steel (White) <sup>(2)</sup>	
	IP55	IP65 <sup>(3)</sup>		IP55	IP65 <sup>(3)</sup>	304 <sup>(4)</sup> IP65 <sup>(3)</sup>				316 <sup>(4)</sup> IP65 <sup>(3)</sup>
350 x 250 x 170	-	-	-	ME551	ME651	ME3041	ME3161	212-2084	-	ME-32
400 x 300 x 220	ME552GD	ME652GD	280x130	ME552	ME652	ME3042	ME3162	212-2085	-	ME-43
500 x 400 x 220	ME553GD	ME653GD	380x220	ME553	ME653	ME3043	ME3163	212-2087	MEID-3	ME-54
600 x 400 x 220	ME554GD	ME654GD	470x220	ME554	ME654	ME3044	ME3164	212-2087	MEID-4	ME-64
600 x 500 x 220	ME555GD	ME655GD	470x320	ME555	ME655	ME3045	ME3165	212-2114	MEID-5	ME-65
700 x 600 x 270	ME556GD	ME656GD	570x420	ME556	ME656	ME3046	ME3166	212-2116	MEID-6	ME-76
800 x 600 x 270	ME557GD	ME657GD	670x420	ME557	ME657	ME3047	ME3167	212-2116	MEID-7	ME-86
900 x 700 x 320	ME558GD	ME658GD	770x520	ME558	ME658	ME3048	ME3168	212-2118	MEID-8	ME-97
1000 x 800 x 320	ME559GD	ME659GD	870x620	ME559	ME659	ME3049	ME3169	212-2119	MEID-9	ME-108

(1) Codes are for Electric Orange (B26). For RAL 7032 Grey, add suffix 'G'.  
(2) Dimensions: Height = enclosure - 70. Width = enclosure - 70.

(3) IP65 - with removable gasketed gland plate.  
(4) For brush finish (extra cost) add suffix 'B'.

**Accessories:** Set of 4 304 ST/ST wall mounting brackets **212-0619** Pole mounting kit **ME\*-200-0684**  
\*Add size (1-9)

FLOOR STANDING ENCLOSURES

IP55, 2mm mild steel with 3 fixed sides, plain rigid door, bottom entry

- Includes:
- 100mm plinth
  - Adjustable depth chassis plate
  - Removable bottom entry gland plate
  - 6mm Sq key with 3 point lock



CB-864-4

Code B26 Orange	Code RAL 7032 Grey	Canopy <sup>(1)</sup>	Inner Door	Enclosure Dimensions			Chassis Dimensions
				Height*	Width	Depth	
CB-664-4	CB-664-4G	CBCA-664	CBID-664	1675	600	400	1455 x 490
CB-684-4	CB-684-4G	CBCA-684	CBID-684	1675	800	400	1455 x 690
CB-764-4	CB-764-4G	CBCA-764	CBID-764	1938	600	400	1718 x 490
CB-786-4	CB-786-4G	CBCA-786	CBID-786	1938	800	600	1718 x 690
CB-864-4	CB-864-4G	CBCA-864	CBID-864	2200	600	400	1980 x 490
CB-886-4	CB-886-4G	CBCA-886	CBID-886	2200	800	600	1980 x 690

\*Height includes 100mm plinth

Optional extras: glassdoor, inner door, louvres, side mounting chassis plates.

(1) Codes are for Electric Orange (B26). For RAL 7032 Grey, add suffix 'G'

CONTROL DESKS

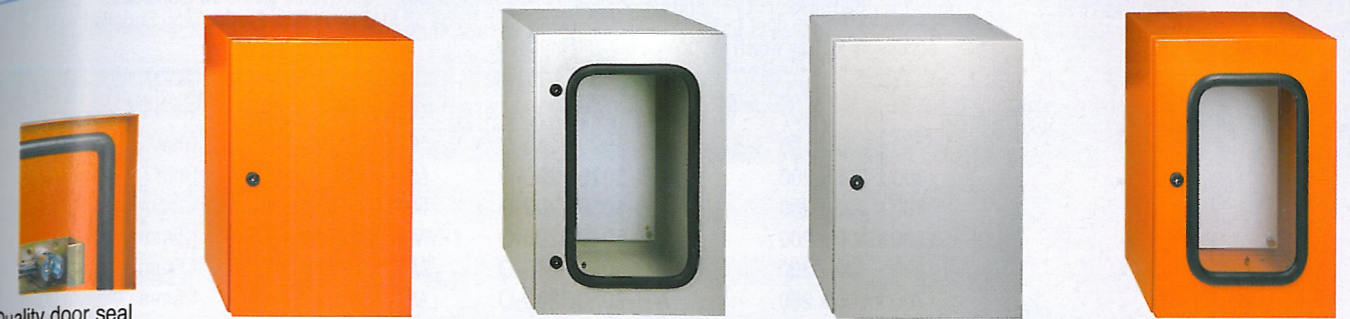
IP55, 2mm mild steel, top, front and bottom entry. Supplied complete with split gland plate, chassis plate and 100mm plinth

Code B26 Orange	Code RAL 7032 Grey	Overall Dimensions			Desktop Width	Angle	Lower Door(s)
		Height*	Length	Depth			
CD-6	CD-6G	983	600	400	505	20°	1
CD-9	CD-9G	983	1000	400	505	20°	1
CD-12	CD-12G	983	1200	400	505	20°	1

\*Excluding 100mm plinth

STEEL ENCLOSURES WALL MOUNTING

Perano Mild Steel Wall Mounting Enclosures - Dust and splash proof IP55 - with removable Gland Plate



Quality door seal

Series 200 - IP55

Supplied complete with chassis plate and 6mm sq. drive lock.

Series 100 - IP55 - with gland plate

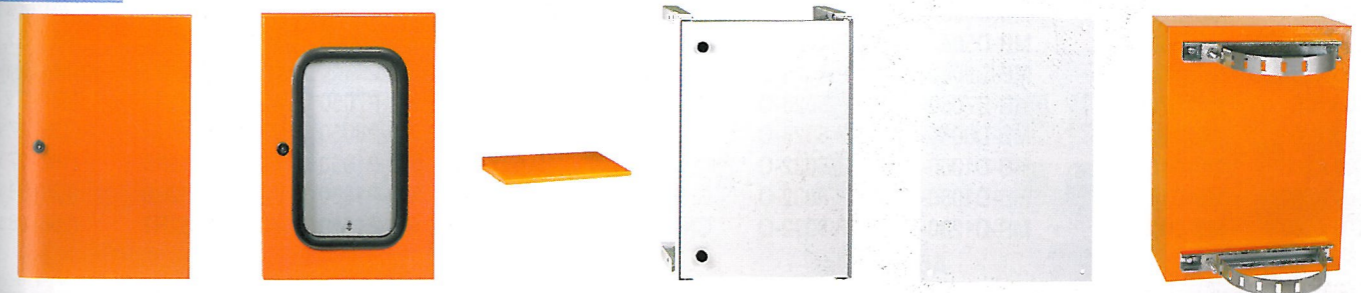
Supplied complete with chassis plate and 6mm sq. drive lock.

Enclosure Size H x W x D	Plain Door		Glass Door		320mm Deep <sup>1</sup>		Plain Door		Glass Door		Mass <sup>3</sup>
	Electric Orange	RAL 7032 Grey	Electric Orange	RAL 7032 Grey	Electric Plain	Fan <sup>2</sup>	Electric Orange	RAL 7032 Grey	Electric Orange	RAL 7032 Grey	
175x250x170	HE200	HE200G	-	-	-	-	-	-	-	-	3.5kg
350x250x170	HE201	HE201G	-	-	-	-	HE101	HE101G	-	-	7kg
450x300x220	HE202	HE202G	HE202/GD	HE202/GDG	-	-	HE102	HE102G	HE102GD	HE102GDG	11kg
550x400x220	HE203	HE203G	HE203/GD	HE203/GDG	-	-	HE103	HE103G	HE103GD	HE103GDG	16kg
650x450x270	HE204	HE204G	HE204/GD	HE204/GDG	HE204X	HE204XF	HE104	HE104G	HE104GD	HE104GDG	21kg
750x550x270	HE205	HE205G	HE205/GD	HE205/GDG	HE205X	HE205XF	HE105	HE105G	HE105GD	HE105GDG	28kg
950x700x270	HE206	HE206G	HE206/GD	HE206/GDG	HE206X	HE206XF	HE106	HE106G	HE106GD	HE106GDG	41kg
1150x850x270	HE207	HE207G	HE207/GD	HE207/GDG	HE207X	HE207XF	HE107	HE107G	HE107GD	HE107GDG	57kg

<sup>1</sup>Not compatible with standard canopy and inner door kit. <sup>2</sup>Supplied with 2 cutouts in each side wall for 120x120 fans (page 412).

<sup>3</sup>Valid for standard depth enclosures, 200 and 100 Series

Accessories



Enclosure HE Size	Plain Door <sup>(1)</sup>	Safety Glass Door <sup>(1)</sup>	Glass View	Canopy <sup>(1)</sup>	Inner Door Kit (white)	Chassis (White) Code	Dimensions	Pole Mounting Kit (galvanised)
200	HEDR-00	-	-	HECA-01	-	HECH-00	115 x 190	-
101/201	HEDR-01	-	-	HECA-01	-	HECH-01	190 x 290	HEPK-01
102/202	HEDR-02	HEGD-02	314 x 129	HECA-02	HEID-02	HECH-02	240 x 390	HEPK-02
103/203	HEDR-03	HEGD-03	364 x 214	HECA-03	HEID-03	HECH-03	340 x 490	HEPK-03
104/204	HEDR-04	HEGD-04	464 x 264	HECA-04	HEID-04	HECH-04	390 x 590	HEPK-04
105/205	HEDR-05	HEGD-05	564 x 364	HECA-05	HEID-05	HECH-05	490 x 690	HEPK-05
106/206	HEDR-06	HEGD-06	764 x 514	HECA-06	HEID-06	HECH-06	640 x 890	HEPK-06
107/207	HEDR-07	HEGD-07	964 x 664	HECA-07	HEID-07	HECH-07	790 x 1090	HEPK-07

(1) Order Codes are for Electric Orange (B26). For RAL7032 Grey, add suffix 'G'.



Wall mounting brackets (set of 4). Galvanised. Fit all HE enclosures

HE111

## STEEL ENCLOSURES WALL MOUNTING IP65

### AC/DC Steel Enclosures – Strong and beautifully finished

**IP65.** • 6mm<sup>2</sup> catches (25mm Ø mounting) • Concealed hinges • Removable gasketed gland plate • Chassis plate • Seamless door gasket • Reversible door (can hinge on LHS or RHS) • Earth studs. Supplied with accessory kit tray which includes mounting brackets.



Size H x W x D (mm)	Electric Orange B22	Grey RAL7032	Door Gauge	Mass
250 x 200 x 140	MB-2520D140-O	MB-2520D140-G	1mm	3kg
300 x 250 x 200	MB-3025D200-O	MB-3025D200-G	1mm	5kg
400 x 300 x 200	MB-4030D200-O	MB-4030D200-G	1.2mm	6kg
500 x 400 x 200	MB-5040D200-O	MB-5040D200-G	1.5mm	11kg
600 x 400 x 260	MB-6040D260-O	MB-6040D260-G	1.5mm	14kg
700 x 500 x 260	MB-7050D260-O	MB-7050D260-G	1.5mm	20kg
800 x 600 x 260	MB-8060D260-O	MB-8060D260-G	1.5mm	27kg
800 x 600 x 320	MB-8060D320-O	MB-8060D320-G	1.5mm	29kg
1000 x 600 x 320	MB-1060D320-O	MB-1060D320-G	1.5mm*	37kg
1000 x 800 x 320	MB-1080D320-O	MB-1080D320-G	1.5mm*	44kg
1200 x 800 x 320	MB-1280D320-O	MB-1280D320-G	1.5mm*	52kg

\*Stiffening lines in door

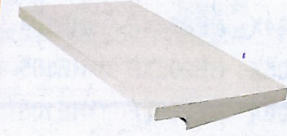
### Accessories



**FREE** accessory box with every enclosure including mounting brackets

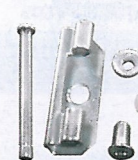


**NEW INNER DOORS & CANOPIES**

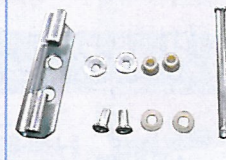


Enclosure H x W (mm)	Spare Door		Canopy		Inner Door Kit (white)	Chassis Code	MCB Distribution Module	No. of Way
	Orange	Grey	Orange	Grey				
250 x 200	MB-D2520-O	MB-D2520-G	CNP-2014-O	CNP-2014-G	MB-ID2520	MB-P2520	-	-
300 x 250	MB-D3025-O	MB-D3025-G	CNP-2520-O	CNP-2520-G	MB-ID3025	MB-P3025	MC3025D20R2	(18) 9 x 2
400 x 300	MB-D4030-O	MB-D4030-G	CNP-3020-O	CNP-3020-G	MB-ID4030	MB-P4030	MC4030D20R2	(24) 12 x 2
500 x 400	MB-D5040-O	MB-D5040-G	CNP-4020-O	CNP-4020-G	MB-ID5040	MB-P5040	MC5040D20R3	(48) 16 x 3
600 x 400	MB-D6040-O	MB-D6040-G	CNP-4026-O	CNP-4026-G	MB-ID6040	MB-P6040	MC6040D26R4	(64) 16 x 4
700 x 500	MB-D7050-O	MB-D7050-G	CNP-5026-O	CNP-5026-G	MB-ID7050	MB-P7050	MC7050D26R4	(88) 22 x 4
800 x 600	MB-D8060-O	MB-D8060-G	CNP-6026-O	CNP-6026-G	MB-ID8060	MB-P8060	MC8060D26R5	(135) 27 x 5
1000 x 600	MB-D1060-O	MB-D1060-G	CNP-6032-O	CNP-6032-G	MB-ID1060	MB-P1060	MC1060D32R6	(162) 27 x 6
1000 x 800	MB-D1080-O	MB-D1080-G	CNP-8032-O	CNP-8032-G	MB-ID1080	MB-P1080	MC1080D32R6	(228) 38 x 6
1200 x 800	MB-D1280-O	MB-D1280-G	CNP-8032-O	CNP-8032-G	MB-ID1280	MB-P1280	MC1280D32R7	(266) 38 x 7

### Accessories



MB-HINGE-1



MB-HINGE-2

Spare Hinge for encl. up to 500mm(H)

Spare Hinge for encl. 600mm(H) and above

Spare Plug for hinge mounting holes

Spare Polycarbonate 6mm<sup>2</sup> key

Stoppers for mounting holes / 4 pcs.

MB-HINGE-1

MB-HINGE-2

MB-PLUG/10

KEY-P6

MB-STOPPER



KEY-P6



MB-PLUG/10



MB-STOPPER

### Panel locks to fit MB-Box's 24.5mm Panel mount



MB-LOCK\*

■ 8mm square



MB-KEYLOCK\*

c/w 2 x keys



MB-WINGLOCK\*

For easy operation  
c/w Matching key



MB-DINLOCK\*

■ DIN  
c/w Matching key



MB-DINLOCK2\*

■ DIN  
Plastic body and tongue  
with die-cast mechanism



MB-DINLOCK3

■ DIN  
Steel body and tongue

\*Add colour to code: ● GR (Grey), ● BK (Black)

## POLYESTER METER BOXES IP43

URIARTE UE

### Meter Boxes – Padlockable IP43

Attractive finish. 180° opening door. Flush or surface mounting. Meter box hinged door with or without windows. IP43 with ventilation and drain facilities for outdoor use.

Polyester chassis plate



APM-0/1/2



APM-2/3ML

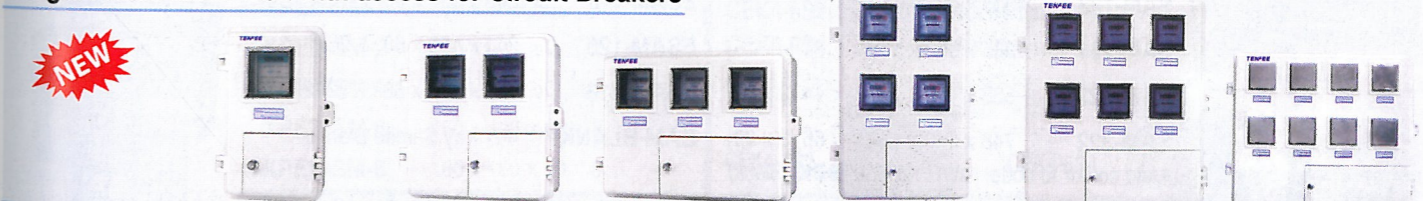
Enclosure Code	Meter Windows	Dimensions H x W x D (mm)	Chassis Plate Code
APM-0	-	330 x 450 x 210	PPM-0
APM-1	-	520 x 535 x 220	PPM-1
APM-2	-	520 x 700 x 220	PPM-2
Note: order chassis plate separately			
APM-0/2ML	2	330 x 450 x 210	PPM-0
APM-1/2ML	2	520 x 535 x 220	PPM-1
APM-2/2ML	2	520 x 700 x 220	PPM-2
APM-2/3ML	3	520 x 700 x 220	PPM-2
Note: order chassis plate separately			

### Single Phase Meter Box



Code	TFJ BX-D11	TFJ BX-W21	TFJ BX-D31	TFJ BX-W41	TFJ BX-W51	TFPCBX-3P2H
No. of Meters	1	2	3	4	5	1x 3 phase
Dimensions: H x W x D	310 x 210 x 150mm	310 x 340 x 150mm	310 x 490 x 150mm	550 x 340 x 150mm	550 x 490 x 150mm	600 x 470 x 175mm
Material:	Fibreglass reinforced polyester					Cover: Polycarbonate Base: ABS

### Single Phase Meter Box with access for Circuit Breakers



Code	TFJ BX-W13	TFJ BX-W23	TFJ BX-W33	TFJ BX-W43	TFJ BX-W63	TFJ BX-W83
No. of Meters	1	2	3	4	6	8
Dimensions: H x W x D	370 x 210 x 150mm	390 x 380 x 150mm	390 x 520 x 150mm	490 x 310 x 150mm	550 x 340 x 150mm	550 x 490 x 150mm
Material:	Fibreglass reinforced polyester					

## POLYESTER MANHOLE COVERS & WATER METER BOXES

URIARTE UE

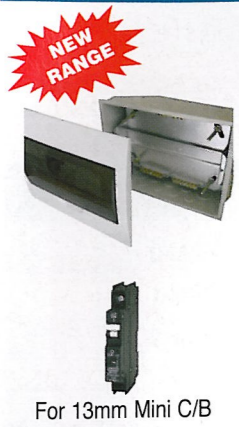
### Manholes & Water Meter Boxes

Lightweight, heavy duty, corrosion free, cannot be stolen for melting down.

Code	Description	Size
A-H20	Cover & Box for water meters	540 x 220 x 210D
TRM-25	Multi-purpose Cover and frame	250 x 250 x 20D
TRM-40	Multi-purpose Cover and frame	400 x 400 x 20D
Note: 1) Multi-purpose suitable for bearing light vehicles and supplied with neoprene gasket. 2) Water Meter box rated to withstand 12.5 tons.		

TRM-25 / 40

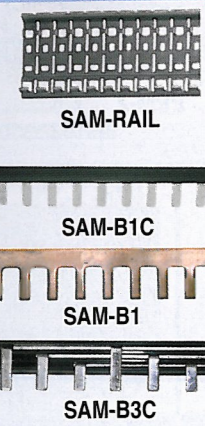
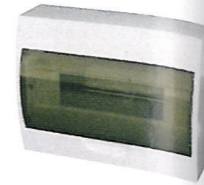
## DOMESTIC DISTRIBUTION BOARDS FOR 13mm MINI BREAKERS



**13mm Mini C/B Economy Type Distribution Board - White**  
Plastic front. Smokey lid. c/w Earth & Neutral bar.

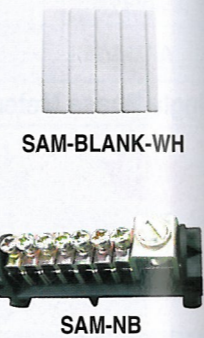
Flush Code	Size H x W x D	No. of Ways	Surface Code	Size H x W x D	No. of Ways
FDBESAM-11	222 x 207 x 87	11	SDBESAM-11	200 x 184 x 95	11
FDBESAM-16	222 x 279 x 87	16	SDBESAM-16	200 x 256 x 95	16
FDBESAM-20	222 x 334 x 87	20	SDBESAM-20	200 x 312 x 95	20
FDBESAM-24	251 x 398 x 94	24	SDBESAM-24	200 x 365 x 95	24
FDBESAM-32	345 x 300 x 93	32 (2 x 16)	SDBESAM-32	327 x 271 x 97	32 (2 x 16)
FDBESAM-48	484 x 300 x 93	48 (3 x 16)	SDBESAM-48	462 x 271 x 100	48 (3 x 16)

For 13mm Mini C/B Steel adjustable inner tray



### 13mm Mini C/B Accessories

Code	Description
SAM-RAIL	Mini Rail for circuit breakers 77 Way/1m
SAM-B1C	Copper busbar for 13mm mini rail breakers 750mm long 1 Pole black insulated
SAM-B1	Copper busbar for 13mm mini rail breakers 750mm long 1 Pole non-insulated
SAM-B3C	Copper busbar for 13mm mini rail breakers 750mm long 3 Pole black insulated
SAM-BLANK-WH	4½ way 13mm mini rail blanks, white
SAM-BLANK-BK	4½ Way 13mm mini rail blanks, black
SAM-NB	Neutral bar clip-in to rail Accommodates 16mm <sup>2</sup> x 2,5mm <sup>2</sup> x 7



### Indoor Steel 13mm Mini C/B Distribution Boards – Surface Mount (white)

For 13mm Mini Breakers only. Supplied c/w earth and neutral bars.



With Door Code	Size H x W x D	No of Modules	Without Door Code	Size H x W x D	No of Modules
SAM-116	335 x 398 x 150	16	ESAM-112	240 x 248 x 68	12
SAM-123	335 x 465 x 150	23	ESAM-116	240 x 300 x 68	16
SAM-131	335 x 590 x 150	31	ESAM-125	240 x 405 x 68	25
SAM-222	538 x 440 x 150	44 (2 x 22)	ESAM-216	450 x 300 x 68	32 (2 x 16)
SAM-322	748 x 440 x 150	66 (3 x 22)	SAM-BLANK-*	4½ way Samite Blanks	

\*Add colour to code: ○WH (White), ●BK (Black)



### Indoor Steel 13mm Mini Distribution Boards – Flush Mount (white)

For 13mm Mini Breakers only. Supplied with adjustable galvanised wall tray. Supplied c/w earth and neutral bars.



With Door Code	Size H x W x D	No of Modules	Without Door Code	Size H x W x D	No of Modules
FSAM-116	404 x 437 x 120	16	EFSAM-112	300 x 294 x 80	12
FSAM-123	404 x 526 x 120	23	EFSAM-116	300 x 348 x 80	16
FSAM-131	404 x 633 x 120	31	EFSAM-125	300 x 454 x 80	25
FSAM-222	614 x 508 x 120	44 (2 x 22)	EFSAM-216	500 x 348 x 80	32 (2 x 16)
FSAM-322	824 x 508 x 120	66 (3 x 22)	SAM-BLANK-*	4½ way Samite Blanks	

\*Add colour to code: ○WH (White), ●BK (Black)



### Eave Boxes IP40 For 13mm Mini Breakers

Padlockable top hinge, galvanised material then painted grey

Code	No. of Way	Size H x W x D
SAMEAB-6	6	240 x 155 x 120
SAMEAB-9	9	240 x 194 x 120

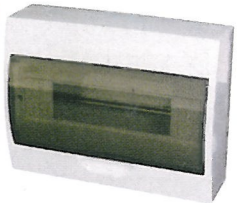
## DOMESTIC DISTRIBUTION BOARDS FOR DIN BREAKERS



**DIN Economy Type Distribution Board - White**  
Steel inner tray. Plastic front. Smokey lid. c/w earth & neutral bar.

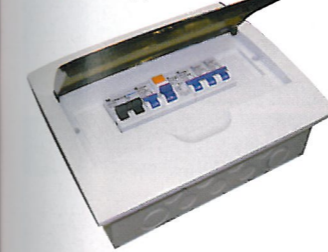
Flush Code	Size H x W x D	No. of Ways DIN	Surface Code	Size H x W x D	No. of Ways DIN
FDBEDIN-8	222 x 207 x 87	8	SDBEDIN-8	200 x 184 x 95	8
FDBEDIN-12	222 x 279 x 87	12	SDBEDIN-12	200 x 256 x 95	12
FDBEDIN-15	222 x 334 x 87	15	SDBEDIN-15	200 x 312 x 95	15
FDBEDIN-18	251 x 398 x 94	18	SDBEDIN-18	200 x 365 x 95	18
FDBEDIN-24	345 x 300 x 93	24 (2 x 12)	SDBEDIN-24	327 x 271 x 97	24 (2 x 12)
FDBEDIN-36	484 x 300 x 93	36 (3 x 12)	SDBEDIN-36	462 x 271 x 100	36 (3 x 12)

For DIN Breakers Steel adjustable inner tray



## PRE-ASSEMBLED DISTRIBUTION BOARDS

### Flush Type

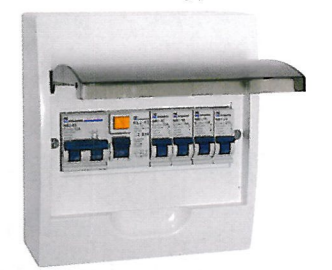


- Adjustable steel tray
- 20mm and 25mm knock outs
- Smokey, transparent lid
- 2 x Neutral bars, fitted,
- 1 x Earth bar

Populated with 3kA AC/DC Breakers. See page 109 for breakers

Surface	8 Way Pre Assembled Code	12 Way Pre Assembled Code
Flush	8 Way Pre Assembled Code FRB-3	12 Way Pre Assembled Code FRB-4
	1 x 63A 1P+N MCB (Mains)	1 x 63A 1P+N MCB (Mains)
	1 x 32A SP MCB (Stove)	1 x 32A SP MCB (Stove)
	1 x 16A SP MCB (Geyser)	1 x 16A SP MCB (Geyser)
	1 x 63A ELU 30mA	1 x 63A ELU 30mA
	1 x 10A SP MCB (Lights)	2 x 10A SP MCB (Lights)
	1 x 20A SP MCB (Plugs)	3 x 20A SP MCB (Plugs)

### Surface Type



- 20mm and 25mm knock outs
- Smokey, transparent lid
- 2 x Neutral bars, fitted,
- 1 x Earth bar

### White Surface Mounting Modular Distribution Boards DIN Rail

SM Series	Code	Size H x W x D	No. of Ways DIN
	XPED-SM-1	130 x 34 x 60	1
	XPED-SM-2	130 x 52 x 60	2
	XPED-SM-4	130 x 87 x 60	4
	XPED-SM-6	160 x 125 x 60	6
	XPED-SM-8	160 x 160 x 60	8
	XPED-SM-12	160 x 260 x 60	12

### Ready Boards for use with 3 x 3 Devices - empty

For complete boards, see below.

Code	Size H x W x D	No. of Modules DIN	No. of 3 x 3 Devices
CEK4-6S2	310 x 220 x 85mm	6	2
CEK4-6S4	210 x 388 x 90mm	6	4



## READY BOARDS FOR 3 x 3 DEVICES



### Ready Boards RB-332

- 1x 15A Switched Socket outlet
- 1x 16A SP On/Off Switch
- 1x 40A DP Earth Leakage
- 1x 20A SP Circuit breaker (Plug)
- 1x 10A SP Circuit breaker (Switch)

### Ready Boards RB-334

- 3x 15A Switched Socket outlets
- 1x 16A SP On/Off Switch
- 1x 63A DP Earth Leakage
- 2x 20A SP Circuit breaker (Plugs)
- 1x 10A SP Circuit breaker (Lights)

Code	Size H x W x D	Description
RB-332	310 x 220 x 85mm	No Bulkhead, with 40A DP earth leakage
RB-334	210 x 388 x 90mm	No Bulkhead, with 63A DP earth leakage
RB-332A	415 x 220 x 85mm	With Bulkhead, no lamp with 40A DP earth leakage
RB-334A	210 x 493 x 85mm	With Bulkhead, no lamp with 63A DP earth leakage

## INDOOR STEEL DISTRIBUTION BOARDS

**Indoor Steel DIN Distribution Boards – Surface Mount (white)** For DIN Breakers only  
Supplied c/w earth and neutral bars  
**IP44** with door

With Door Code	Size H x W x D	No of Modules	Without Door Code	Size H x W x D	No of Modules
SDB-112	335 x 398 x 150	12	ESDB-19	240 x 248 x 70	9
SDB-117	335 x 465 x 150	17	ESDB-112	240 x 300 x 70	12
SDB-123	335 x 590 x 150	23	ESDB-118	240 x 405 x 70	18
SDB-216	538 x 440 x 150	32 (2 x 16)	ESDB-212	450 x 300 70	24 (2 x 12)
SDB-316	748 x 440 x 150	48 (3 x 16)	SP-FB100	5 1/2 way DIN Blanks	



SDB-216



ESDB-112

**Indoor Steel DIN Distribution Boards – Flush Mount (white)** For DIN Breakers only

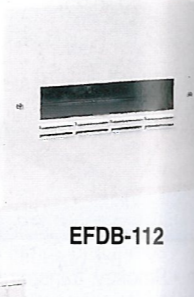
- Supplied with adjustable galvanised wall tray
- Supplied c/w earth and neutral bars

**IP44** with door

With Door Code	Size H x W x D	No of Modules	Without Door Code	Size H x W x D	No of Modules
FDB-112	404 x 437 x 120	12	EFDB-19	300 x 294 x 80	9
FDB-117	404 x 526 x 120	17	EFDB-112	300 x 348 x 80	12
FDB-123	404 x 633 x 120	23	EFDB-118	300 x 454 x 80	18
FDB-216	614 x 508 x 120	32 (2 x 16)	EFDB-212	500 x 348 x 80	24 (2 x 12)
FDB-316	824 x 508 x 120	48 (3 x 16)			



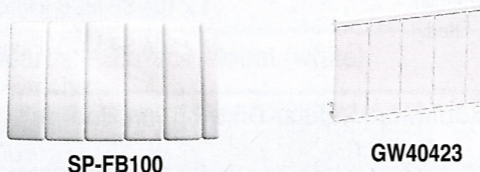
FDB-316



EFDB-112

### Accessories

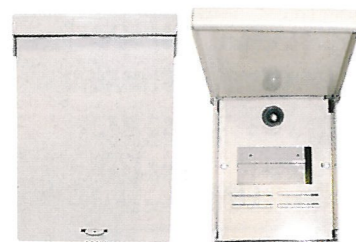
SP-FB100	5 1/2 way DIN Blanks
GW40423	4 1/2 way DIN Blanks



SP-FB100

GW40423

**NEW**



**Eave Boxes IP40** for DIN breakers only  
Padlockable top hinge, galvanised material then painted grey

Code DIN Type	No. of Way	Size (mm) H x W x D
EAB-5	5	216 x 158 x 120
EAB-9	9	216 x 230 x 120

## DOUBLE DOOR STEEL ENCLOSURES

**NEW**



- c/w 2mm mounting plate white
- 2 x gland plates
- Textured finish

**Double Door Type - STD Series IP54**

Code	Height	Width	Depth	Panel Gauge
STD8-625-*	600	800	250	1.2m
STD10-630-*	600	1000	300	1.5m
STD12-630-*	600	1200	300	1.5m
STD12-830-*	800	1200	300	1.5m
STD10-1030-*	1000	1000	300	1.5m
STD10-1230-*	1200	1000	300	1.5m
STD12-1230-*	1200	1200	300	1.5m
STD10-1430-*	1400	1000	300	1.5m

\* Add colour to code: ● G (Grey), ● O (Orange)

SM2

## INDUSTRIAL STEEL SURFACE DISTRIBUTION BOARDS

**Single Door** (For DIN Breakers only) **IP54**

Code	No. of Way	Size H x W x D
SM6-16*	(16) 1 x 16	400 x 410 x 230
SM6-24*	(24) 2 x 12	700 x 350 x 230
SM6-36*	(36) 3 x 12	900 x 350 x 230
SM6-48*	(48) 3 x 16	900 x 410 x 230
SM6-72*	(72) 3 x 24	900 x 540 x 230
SM6-96*	(96) 4 x 24	1100 x 540 x 230
SM6-120*	(120) 4 x 30	1100 x 650 x 230

\*Order Code for B22 Electric Orange, for RAL7032 Grey add "G"

**Double Door** (For DIN Breakers and main breaker) **IP54**

Code	No. of Way	Main C/B		Size H x W x D
		Size (A)	Cutout Size	
SMD6-36*	(36) 3 x 12	< 250A	23 x 51(H)	900 x 710 x 230
SMD6-48*	(48) 3 x 16	< 250A	23 x 51(H)	900 x 810 x 230
SMD6-72*	(72) 3 x 24	< 600A	65 x 90(H)	900 x 940 x 230
SMD6-96*	(96) 4 x 24	< 600A	65 x 90(H)	1100 x 940 x 230
SMD6-120*	(120) 4 x 30	< 600A	65 x 90(H)	1100 x 1050 x 230

\*Order Code for B22 Electric Orange, for RAL7032 Grey add "G"



SM6



SMD6

## DOUBLE DOOR SURFACE/FLUSH D.B. BOARDS

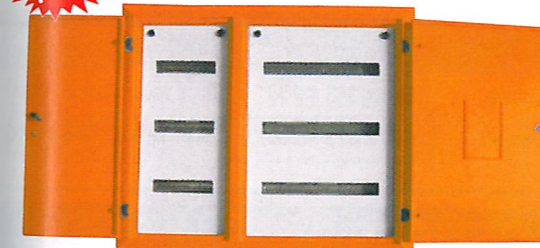
**Double Door** (For DIN Breakers on both sides)

Surface Code IP54	Size H x W x D	No. of Way	Flush Code IP40	Size H x W x D
SB2-38-312*	550 x 650 x 230	(60) 3x8 + 3x12	FSB2-38-312	650 x 700 x 170
SB2-312-316*	550 x 800 x 230	(84) 3x12 + 3x16	FSB2-312-316	650 x 800 x 170
SB2-312-324*	550 x 950 x 230	(108) 3x12 + 3x24	FSB2-312-324	650 x 950 x 170

\*Order Code for B22 Electric Orange, for RAL7032 Grey add "G"

- Padlockable Handle
- Neutral & Earth Terminal Bar included
- Removable face plate with cut outs secured with catches
- Holders included on face plate, not labeled
- 1.6mm Mild Steel Powder Coated
- 4 Mounting Brackets included (Surface only)
- Legend card holder on inside of door
- Quality door seal included (Surface)

**NEW**



FSB2

## INDUSTRIAL FLUSH MOUNT DISTRIBUTION BOXES IP40



- Expanded mesh fixed to the back of wall tray to secure installation
- Fitted with face plate with coin-slot catch at the top
- Neutral and Earth terminal fitted
- Doors supplied with padlockable key locks
- Naming plate holders included on face plate
- Legend card and legend card holder fitted to inside of door

**Single Door** (1.6mm Mild Steel)

Code	No. of Way	Size H x W x D
FMD-16-*	(16) 1 x 16	500 x 450 x 110
FMD-24-*	(24) 2 x 12	700 x 380 x 110
FMD-36-*	(36) 3 x 12	900 x 380 x 110
FMD-48-*	(48) 3 x 16	900 x 450 x 110
FMD-64-*	(64) 4 x 16	1100 x 450 x 110
FMD-72-*	(72) 3 x 24	900 x 600 x 110
FMD-96-*	(96) 4 x 24	1100 x 600 x 110
FMD-120-*	(120) 5 x 24	1300 x 600 x 110

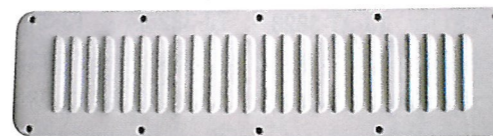
\*Add to code "O" for Electric Orange, "W" for White

## ENCLOSURE ACCESSORIES

**Louvered Plates for Enclosure Range**

Code	Length	Width	Plate Thickness	Holes
GP-1-*	207	88	1.2mm	6 x Ø5
GP-2-*	242	88	1.2mm	8 x Ø5
GP-3-*	344	88	1.2mm	10 x Ø5
GP-4-*	344	137	1.2mm	10 x Ø5

\*Add colour to code: ● G (Grey), ● O (Orange)



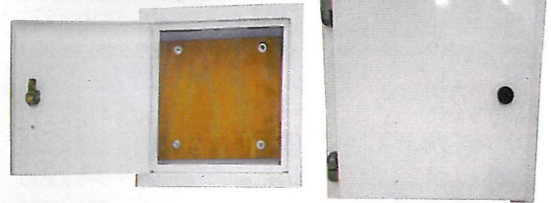
c/w Gasket and screws

**NEW**

SM2

## SURFACE MOUNT TELKOM BOARDS

**NEW**



Non-Weatherproof

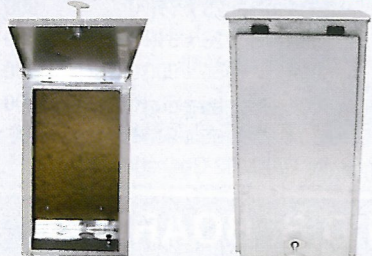
Weatherproof

Telkom Distribution Boards colour white  
Fitted with 6mm square key catch and wooden back panel

Non-weatherproof Code IP40	Type	Size (mm) H x W x D	Weatherproof Code IP54
TEL-S1	Telkom 1	305 x 305 x 170	WTEL-S1
TEL-S2	Telkom 2	380 x 380 x 170	WTEL-S2
TEL-S4	Telkom 4	460 x 460 x 170	WTEL-S4
TEL-S5	Telkom 5	610 x 610 x 170	WTEL-S5
TEL-S6	Telkom 6	800 x 800 x 170	WTEL-S6
TEL-S7	Telkom 7	1000 x 1000 x 170	WTEL-S7

## ESKOM METER BOXES

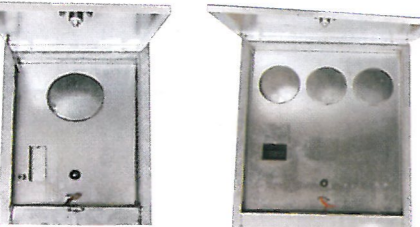
**NEW**



Eskom Meter Boards IP54  
Hot dipped galvanised. 1.2mm Sheet steel. Masonite Back Panel.

Code DIN Type	No. of Way	Size (mm) H x W x D	Lock Type
ESM-1P	Single phase	610 x 320 x 245	8mm Square lock
ESM-3P	Three phase	749 x 610 x 203	8mm Square lock

**NEW**

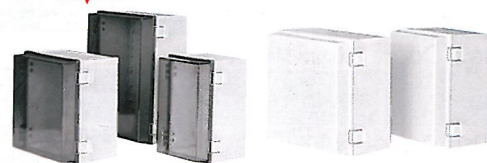


Hot Dipped Galvanised Meter Boards IP54  
Hot dipped galvanised. 1.2mm Sheet steel.

Code	No. of Way	Size (mm) H x W x D	Lock Type
MUN-1P	Single phase	510 x 343 x 203	8mm square lock + Padlock
MUN-3P	Three phase	690 x 572 x 230	8mm square lock + Padlock

## WATERPROOF PLASTIC ENCLOSURES IP65

**NEW**



TJ Series - Plastic Latch and Hinge Type

Grey Lid Code	Dimensions (mm) W x H x D	Clear Lid Code	Mounting Plate	Spare Latch	Spare Hinge
TJ-MG-2030	200 x 300 x 180	TJ-MT-2030	TJ-2030	WTK010	HG-PLASTIC
TJ-MG-3030	300 x 300 x 180	TJ-MT-3030	TJ-3030	WTK010	HG-PLASTIC
TJ-MG-4030	400 x 300 x 180	TJ-MT-4030	TJ-4030	WTK010	HG-PLASTIC

- Made from ABS/Polycarbonate
- Suitable as terminal box, junction box etc.
- Temp Range: -40°C to + 80 °C

TJ Series - Screw Type

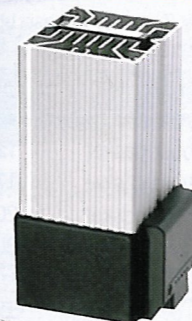
Grey Lid Code	Dimensions (mm) W x H x D	Clear Lid Code	Mounting Plate Plastic	Mounting Plate Metal	Spare Screw
TJ-AG-2819	280 x 190 x 130	TJ-AT-2819	TJ-2819P	TJ-2819	TJS-50
TJ-AG-2819-1	280 x 190 x 190	TJ-AT-2819-1	TJ-2819P	TJ-2819	TJCB-70
TJ-AG-2828	280 x 280 x 130	TJ-AT-2828	TJ-2828P	TJ-2828	TJS-50
TJ-AG-3428	340 x 280 x 130	TJ-AT-3428	TJ-3428P	TJ-3428	TJS-50
TJ-AG-3428-1	340 x 280 x 180	TJ-AT-3428-1	TJ-3428P	TJ-3428	TJCB-70
TJ-AG-3828	340 x 280 x 130	TJ-AT-3828	TJ-3828P	TJ-3828	TJS-50
TJ-AG-3828-1	280 x 380 x 180	TJ-AT-3828-1	TJ-3828P	TJ-3828	TJCB-70
TJ-AG-2828-1	280 x 280 x 180	TJ-AT-2828-1	TJ-2828P	TJ-2828	TJCB-70

- Made from ABS/Polycarbonate
- Suitable as terminal box, junction box etc.
- Temp Range: -40°C to + 80 °C

SM2

## ACCESSORIES

**NEW**



JRQ250



JRQ15 - JRQ75

Panel Heaters - DIN Rail Mounting

Code	Heating Capacity	Size H x W x D	Code	Heating Capacity	Size H x W x D
JRQ15	15W	104 x 70 x 60mm	JRQ100	100W	184 x 70 x 60mm
JRQ30	30W	104 x 70 x 60mm	JRQ150	150W	244 x 70 x 60mm
JRQ45	45W	104 x 70 x 60mm	JRQ250	250W	182 x 100 x 85mm
JRQ60	60W	104 x 70 x 60mm	JRQ400	400W	222 x 100 x 85mm
JRQ75	75W	104 x 70 x 60mm			

- Supply voltage: 120 - 250V AC/DC.
- Heater body: Extruded Aluminium profile, anodised.
- Heating elements with built in thermal protection.

For use in enclosures where damage from condensation must be prevented or where temperature may not fall below a minimum value.

JRQ15 - JRQ150 design causes a chimney effect to distribute heat evenly.  
JRQ250 - JRQ400 have high performance axial fan for air circulation.

**NEW**



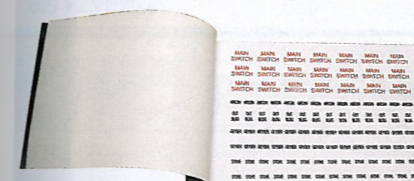
JWT6011F

JWT6011R

Thermostats for use in enclosures

Code	Contacts	Applications
JWT6011R	N/C 10A@250VAC	Thermostat for heaters
JWT6011F	N/O 10A@250VAC	Thermostat for fans & heat exchangers or for signal device

- DIN rail mounting
- Large setting range
- Compact
- Easy to mount



LB-BOOKLET

**WARNING/WAARSKUWING**  
IN CASE OF ACCIDENTAL CONTACT OR LEAKAGE, SWITCH OFF MAIN SWITCH IMMEDIATELY  
INGEVAL VAN TOEVALLIGE KONTAK OF LEKKASIE MOET HIERDIE HOOF-SKAKELAAR ONMIDDELLIK AFGESKAKEL WORD.

MAIN SWITCH	AIRCON	OUT BLDG
GEYSER	STOVE	PLUGS
EARTH LEAKAGE	LIGHTS	

Distribution Board Marking Label Booklet

Code	LB-BOOKLET
18 x Large warning label	11 x "Welding Plug" 21 x "Main Switch"
11 x "Bell"	14 x "Aircon" 11 x "Jacuzzi"
14 x "Out Building"	11 x "Shaver" 28 x "Geyser"
11 x "Pool"	28 x "Stove" 11 x "Timer"
21 x "Earth Leakage"	11 x "Mix Circuit" 84 x "Lights"
11 x "DED Circuit"	154 x "Plugs" 11 x "Sub DB"
21 x "Triangle" "N"	11 x "Transformer" 11 x "Fan"
11 x "Pump"	11 x "Underfloor Heating" 11 x "Motor"

**NEW**

IN CASE OF ACCIDENTAL CONTACT OR LEAKAGE SWITCH OFF THIS MAIN SWITCH IMMEDIATELY  
INGEVAL VAN TOEVALLIGE KONTAK OF LEKKASIE MOET HIERDIE HOOF-SKAKELAAR ONMIDDELLIK AFGESKAKEL WORD

LB MAIN SWITCH



LA DANGER



LA DANGER 1

Labels - sold individually

Code	Description
LA DANGER	Danger labels 35 x 35mm
LA DANGER 1	Danger labels 120 x 120mm
LB MAIN SWITCH	Main Switch label (red on white)



IF001-16X3/ 5/ 7

Adhesive Foam For Panels - 25m Roll

Code	Description
IF001-16X3	Adhesive foam for panels
IF001-16X5	Adhesive foam for panels
IF001-16X7	Adhesive foam for panels



WJ-1

Document Holder

Code	Description
WJ-1	Document holder - A4 (size: 263 x 233.5 x 32.5mm)



LZ-4138-10W



LS4315-500-1



LZ4315-100-1

Cabinet Lighting - 230VAC

Code	Description
LZ-4138-10W	Cabinet light (size: 425L x 50W x 117D mm)
LS4315-500-1	Door control limit switch, c/w 600mm cable
LZ4315-100-1	Power cable, c/w 3m cable

SM2