



H

Enclosures & Climate Control

Interactive Catalogue



Enclosures & Climate Control



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Plastic enclosures IP56/66



686.204



686.206



686.409



686.230



COMBI 308



Junction boxes for electrical installations (halogen free)

SCABOX series plastic boxes/enclosures are ideal for housing electrical accessories and terminals for household and fixed electrical installations and offer IP56 degree of protection.

- Max. operating temperature: 60°C
- Colour: RAL 7035 grey (*stabilised*)
- Material: Self extinguishing thermoplastic
- Reference standards: EN 60439-1, EN 60670-1, EN60670-22

type	IP rating	description	carton qty.	ext. dimension (mm)			price (ea)
				(H)	(W)	(D)	

Plastic housings

IP56

Shallow lid

686.204	IP56	PVC housing - opaque lid	40	100	100	50	58.00
686.205	IP56	PVC housing - opaque lid	42	120	80	50	60.00
686.206	IP56	PVC housing - opaque lid	48	150	110	70	90.00
686.207	IP56	PVC housing - opaque lid	30	190	140	70	173.00
686.208*	IP56	PVC housing - opaque lid	16	240	190	90	283.00
686.209*	IP56	PVC housing - opaque lid	8	300	220	120	515.00
686.210*	IP56	PVC housing - opaque lid	4	380	300	120	667.00
686.211*	IP56	PVC housing - opaque lid	1	450	370	130	1 170.00

Deep lid

686.404	IP56	PVC housing - opaque (<i>high</i>) lid	24	100	100	80	90.00
686.408*	IP56	PVC housing - opaque (<i>high</i>) lid	6	240	190	125	374.00
686.409*	IP56	PVC housing - opaque (<i>high</i>) lid	6	300	220	170	638.00
686.410*	IP56	PVC housing - opaque (<i>high</i>) lid	3	380	300	170	975.00
686.411*	IP56	PVC housing - opaque (<i>high</i>) lid	1	450	370	180	1 340.00

Transparent cover/ lid

Shallow lid

686.226	IP56	PVC housing - transparent lid	48	150	110	70	202.00
686.227	IP56	PVC housing - transparent lid	30	190	140	70	350.00
686.228*	IP56	PVC housing - transparent lid	16	240	190	90	545.00
686.229*	IP56	PVC housing - transparent lid	8	300	220	120	795.00
686.230*	IP56	PVC housing - transparent lid	4	380	300	120	1 280.00
686.231*	IP56	PVC housing - transparent lid	1	450	370	130	1 840.00

Deep lid

686.428*	IP56	PVC housing - transparent (<i>high</i>) lid	6	240	190	125	655.00
686.429*	IP56	PVC housing - transparent (<i>high</i>) lid	6	300	220	170	923.00
686.430*	IP56	PVC housing - transparent (<i>high</i>) lid	3	380	300	170	1 580.00
686.431*	IP56	PVC housing - transparent (<i>high</i>) lid	1	450	370	180	2 170.00

Accessories for above enclosures

Chassis plates (steel)

for enclosures

654.0787	—	chassis plate for enc.	686.207/227	190	140	—	108.00
654.0788	—	chassis plate for enc.	686.208/408/228/428	240	190	—	164.00
654.0789	—	chassis plate for enc.	686.209/409/229/429	300	220	—	237.00
654.0790	—	chassis plate for enc.	686.210/410/230/430	380	300	—	648.00
654.0791	—	chassis plate for enc.	686.211/411/231/431	460	380	—	777.00
654.0080	—	sealing caps for internal mounting holes				(12 pcs)	46.00
654.0085	—	kit to hinge the lid on enclosures				(1 pair)	117.00
654.0021	—	plastic wall mounting brackets				(set of 4)	63.00

* Enclosures which accept 654.0085 hinge kit

COMBI Junction boxes

IP66/67

Wiska COMBI junction boxes provide ultimate protection from environmental conditions in a compact, very attractive format, suitable for extreme outdoor installations.

- Weather proof, ultraviolet resistant, shatterproof, impact resistant, flame retardant and halogen free

type	cable entry sides	thread rear	Ø	description	colour	dimensions (mm)			price
						(H)	(W)	(D)	

COMBI 308 IP66/67 (captive - quick release lid screws)

10060400	8	—	M20	weatherproof junction box	grey	85	85	51	see Cat L for pricing.
10060581	8	—	M20	weatherproof junction box	black	85	85	51	

Insulated enclosures IP65/66/67

A - Motor control & drives



M1N



M24N



M3N



LPZ M6E8

Plastic enclosures

Lovato M series enclosures are high quality, extremely robust housings ideally suited to indoor or outdoor installations, offering IP65 protection for internally mounted components.

- Protection degree: IP65
- Operating temperature: -25...+60°C
- Material: Made of UV protected polycarbonate
- Colour: Black base and RAL7035 (light grey) cover

type	IP rating	cable entry	description	dimensions (mm) (H) (W) (D)			price
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M1 and M2 series - Plastic housings IP65 (light grey)

Slim, deep housings designed for compact but tall components such as contactors, timers, voltage, liquid level and phase failure relays etc. required to be housed in a protective enclosure without occupying much space.

- External mounting holes
- Incorporated earth terminal
- DIN-rail incorporated into internal base of enclosure for mounting electrical components
- Two M20 knock-outs on top and bottom of enclosure (to accommodate gland for cable entry)

M1N	IP65	M20	slim polycarbonate housing	202	88	135	
M2N	IP65	M20	slim polycarbonate housing	234	110	149	

M24 and M25 series - Plastic housings IP65 (light grey)

Robust, heavy duty enclosures for mounting a variety of electrical components.

- Incorporated earth terminal
- Mounting holes within the enclosure (outside the sealing gasket)
- Supplied complete with internal metal chassis plate (156 x 148 mm)
- Moulded (alpha and numeric) grid on internal door for ease of mounting control devices
- Two M25/M32 knock-outs on top and bottom of enclosure (to accommodate gland for cable entry)

M24N	IP65	M25/32	shallow polycarbonate housing	210	175	99	
M25N	IP65	M25/32	deep polycarbonate housing	210	175	165	

Accessories (spare chassis)

MX31	chassis	metal chassis/mounting plate	for M25N enclosures				
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M3 series - Plastic housings IP65 (light grey)

Robust, heavy duty enclosure with high impact resistance and incorporated hinge facility for mounting a variety of electrical components.

- Material: ABS plastic material
- Mounting holes within the enclosure (outside the sealing gasket)
- Internal ribbing in base for mounting components - DIN-rail etc.
- Plain base (no knockouts) for easy configuration of cable entry/exits
- Incorporated hinge facility (180° full opening) lid can be removed if required
- Moulded (alpha - numeric) grid on internal door for easy alignment of control devices

M3N	IP65	—	ABS housing without chassis plate	280	220	170	
MX30	chassis	metal chassis/mounting plate	for M3N enclosures				

Metallic enclosures (empty housings) IP66, IP67 (without any holes)

- The thickness of the enclosure is suitable for drilling
- Suitable for pushbuttons, selector switches and pilot lights
- Material: Aluminium alloy
- Colour: Light grey (base and cover)
- Protection: IEC/EN: IP66 and IP67
UL: Nema 4X
- Earth connection: On base and cover
- Ambient conditions: -25...+70°C
- Compliant: IEC/EN/BS 60947-5-1, cULus

type	cover	description	(H)	(W)	(D)	price
LPZ M1E8	grey	empty aluminium alloy housing only	80	80	73	676.00
LPZ M2E8	grey	empty aluminium alloy housing only	130	80	73	842.00
LPZ M3E8	grey	empty aluminium alloy housing only	170	80	73	1 010.00
LPZ M5E8	grey	empty aluminium alloy housing only	160	160	90	1 830.00
LPZ M6E8	grey	empty aluminium alloy housing only	170	190	90	2 000.00
LPZ M7E8	grey	empty aluminium alloy housing only	190	250	90	2 380.00

Surface & flush-mount distribution boards IP30/41



(Enclosure only)



GD106B



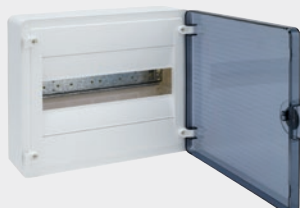
GP110T



GZ04E



GZ04N



VS118TJ



VF318TJ



VU24NE

Enclosures / Distribution boards

type	no. of ways	IP rating	description	dimensions (mm)			price
				(H)	(W)	(D)	

Mini gamma series - Surface shrouds 40A IP30

- Incorporated DIN profile and labelling facility
- Hinged transparent doors available (*IP40 with door*)
- Lead sealable housing

GD102B	2-way	IP30	surface mounting MCB shroud	160	55	82	86.00
GD104B	4 way	IP30	surface mounting MCB shroud	180	110	82	117.00
GD106B	6 way	IP30	surface mounting MCB shroud	180	146	82	136.00
GD110B	10 way	IP30	surface mounting MCB shroud	180	218	82	284.00

Accessories for above GD series boards

GP102T	door	—	transparent (<i>horizontally</i>) hinged door	for	GD102B	153.00
GP104T	door	—	transparent (<i>horizontally</i>) hinged door	for	GD104B	174.00
GP106T	door	—	transparent (<i>horizontally</i>) hinged door	for	GD106B	183.00
GP110T	door	—	transparent (<i>horizontally</i>) hinged door	for	GD110B	204.00

GZ104S	support	—	clip-in support for terminals GZ04E/N	for	GD104B	30.60
GZ106S	support	—	clip-in support for terminals GZ04E/N	for	GD106B	30.60
GZ110S	support	—	clip-in support for terminals GZ04E/N	for	GD110B	41.00

GZ04E	4 way	terminal	insulated "earth" terminal	(clips onto above supports)		56.00
GZ04N	4 way	terminal	insulated "neutral" terminal	(clips onto above supports)		56.00
JP002	24 way	blanking	blanking strip	(breakable sections)		78.00

Golf series - Surface and flush-mount distribution boards 63A

- Transparent door 180° opening (*hinged left or right*) / key-lock facility
- Internal cable tie fixing points / cable can be run behind breakers / optional cable retainer clips
- Supplied with earth / neutral terminals
- Colour: RAL9010 (*white*) / glow wire test to 650°C to UNE 60595-2-1

Golf VS series - Surface mounting enclosures - IP40 (*with door*)

- Pre-cut profiles for cable, conduit, trunking entry
- Enclosures can be joined together (*horizontally or vertically*)

VS104TJ	4 (1 x 4)	IP40	surface mounting distribution board	184	138	99	392.00
VS108TJ	8 (1 x 8)	IP40	surface mounting distribution board	184	210	99	440.00
VS112TJ	12 (1 x 12)	IP40	surface mounting distribution board	252	282	99	600.00
VS212TJ	24 (2 x 12)	IP40	surface mounting distribution board	377	282	99	820.00
VS118TJ	18 (1 x 18)	IP40	surface mounting distribution board	252	390	99	690.00
VS218TJ	36 (2 x 18)	IP40	surface mounting distribution board	377	390	99	1 090.00
VS318TJ	54 (3 x 18)	IP40	surface mounting distribution board	500	390	99	1 230.00

Golf VF series - Flush mounting enclosures - IP40 (*with door*)

- 72 mm installation depth, can be mounted into "hollow wall" with optional brackets

VF108TJ	8 (1 x 8)	IP40	flush mounting distribution board	225	275	98	501.00
VF112TJ	12 (1 x 12)	IP40	flush mounting distribution board	293	352	98	593.00
VF212TJ	24 (2 x 12)	IP40	flush mounting distribution board	418	352	98	795.00
VF118TJ	18 (1 x 18)	IP40	flush mounting distribution board	293	460	98	687.00
VF218TJ	36 (2 x 18)	IP40	flush mounting distribution board	418	460	98	1 040.00
VF318TJ	54 (3 x 18)	IP40	flush mounting distribution board	543	460	98	1 220.00

Accessories for Golf series (VS/VF) enclosures

VZ696N	bracket	hollow wall mounting brackets for flush enclosures				(4pcs)	283.00
VZ699N	retainer	cable retaining guides for all enclosures				(4pcs)	270.00
VZ786N	bracket	brick wall fixing brackets for flush enclosures				(4pcs)	104.00
VZ787N	label	spare transparent label holder for all enclosures				(5pcs)	283.00
VZ794N	key	key lock facility for all enclosures				(2pcs)	489.00

Volta series - "Exclusive" flush mounting boards IP41 (*class II*)

- Metallic front door and frame (*reversible - opening from left or right*)
- Integrated mini spirit level (*installation aid for alignment*)
- 30% more wiring space available
- Supplied with earth / neutral terminals
- Colour: RAL 9010 (*white*)
- IEC 60439-3

VU12NE	12 (1 x 12)	flush mount "exclusive" distribution board	356	348	96	1 220.00
VU24NE	24 (2 x 12)	flush mount "exclusive" distribution board	505	348	96	1 420.00
VU36NE	36 (3 x 12)	flush mount "exclusive" distribution board	630	348	96	1 730.00
VU48NE	48 (4 x 12)	flush mount "exclusive" distribution board	755	348	96	1 930.00

Surface-mount distribution boards IP55/65



(Enclosure only)

VE106L



Vector series - Surface mount enclosures class II

- Compliant: IEC 61439-3
- Colour: RAL 7035 (light grey)
- Adjustable DIN-rail depth (to fit products of different depth)
- Transparent hinged cover (2 - 10 way) or door (12 - 54 way)
- Rear adjustment screws for mounting on uneven / irregular wall surfaces (up to 3 mm)
- Premarked knock-outs for cable glands **M20, M25, M32, M40, M50** (size dependant)

type	number of ways		dimensions (mm)			price
			(H)	(W)	(D)	

Vector VE-L - Surface-mount distribution boards 63A

IP65

- IP rating: IP65
- Supplied with Earth/Neutral terminals
- 2 lateral knockouts for cable entry or coupling pieces
- Glow wire test to IEC 60695-2-10 and IEC 60 695-2-11: 750°C

VE103L	3 (1 x 3)	surface mounting distribution board	175	111	93	516.00
VE106L	6 (1 x 6)	surface mounting distribution board	190	165	113	595.00
VE110L	10 (1 x 10)	surface mounting distribution board	210	237	114	671.00
VE112L	12 (1 x 12)	surface mounting distribution board	302	310	151	945.00
VE212L	24 (2 x 12)	surface mounting distribution board	427	310	151	1 550.00
VE118L	18 (1 x 18)	surface mounting distribution board	302	418	151	1 380.00
VE218L	36 (2 x 18)	surface mounting distribution board	452	418	151	2 130.00
VE318L	54 (3 x 18)	surface mounting distribution board	602	418	151	2 700.00

Vector VE-SN - Surface-mount distribution boards 63A (for outdoor use) IP65

UV stabilised and IP65 surface mounting enclosure range designed specifically for outdoor use and **photovoltaic** applications.

- Protection: IP65
- Material: Polycarbonate
- Dimensional stability up to 100°C, resistant to frost down to -25°C
- Plain base (no knockouts) for easy configuration of cable entry/exits
- Earth and neutral terminals to be ordered separately (see below)
- Glow wire test to IEC 60695-2-10 and IEC 60 695-2-11: 750°C
- Resistant to ultraviolet radiation, immersion in water in accordance with UL746C

VE112SN	12 (1 x 12)	surface mounting distribution board	302	310	151	930.00
VE212SN	24 (2 x 12)	surface mounting distribution board	427	310	151	1 540.00
VE312SN	36 (3 x 12)	surface mounting distribution board	552	318	151	2 390.00

Earth/Neutral terminal set for above VE...SN boards

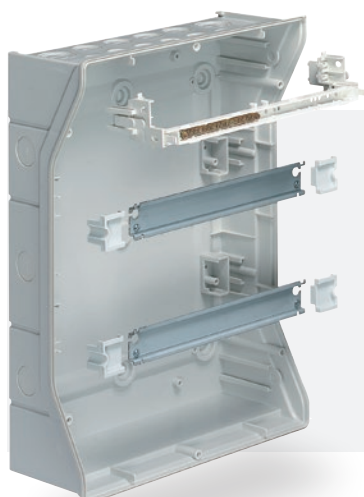
VZ522	E/Neutral	terminals each with: (1 x 25 mm ² + 5 x 16 mm ² + 7 x 10 mm ²)	259.00
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VE212SN



Vector waterproof boards



Vector VE-L



Technical characteristics

- Excellent waterproofing: IP55 / 65 - IK 07 and IK 08
- Plastic boxes, class II
- Capacity: 1 to 3 rows, 3 to 54 modules
- Depth adjustable DIN-rail
- 2 side knockouts (VE-L)

Surface & flush-mount distribution boards IP41


Vega D series - Surface and flush mounting distribution boards IP41 (with optional door fitted)

Vega D enclosures are suitable for installations in residential and commercial buildings for supplies up to 160A. Delivered in a ready-to-mount configuration. All enclosures have 24 module rows.

General features:

- Material: Metallic enclosure
- Colour: RAL 9010 (white)
- Integrated quick connect earth terminals
- Removable front frame for optimal access to internal installed devices
- Doors sheet metal plain or with transparent window (to be ordered separately)
- Protection class: IP30/IK07 (without door) - IP41/IK08 (with door) - class II totally insulated



Scan to watch video

type	number of modular ways	description	dimensions (mm)			price
			(H)	(W)	(D)	

Surface-mounting boards 48 to 168 way

- Removable top and bottom plates for easier cable entry

FD22DN	48	(2 x 24)	surface mounting distribution board	450	550	193	6 010.00
FD32DN	72	(3 x 24)	surface mounting distribution board	600	550	193	6 700.00
FD42DN	96	(4 x 24)	surface mounting distribution board	750	550	193	7 760.00
FD52DN	120	(5 x 24)	surface mounting distribution board	900	550	193	8 250.00
FD62DN	144	(6 x 24)	surface mounting distribution board	1050	550	193	9 780.00
FD72DN	168	(7 x 24)	surface mounting distribution board	1200	550	193	10 500.00

Partially equipped surface enclosures

FD42AN*	48	(2 x 24)	surface mounting distribution board	750	550	193	6 700.00
FD52AN*	72	(3 x 24)	surface mounting distribution board	900	550	193	7 610.00
FD62AN*	96	(4 x 24)	surface mounting distribution board	1050	550	193	8 060.00
FD72AN*	120	(5 x 24)	surface mounting distribution board	1200	550	193	8 520.00

Flush-mounting boards 48 to 168 way
General features:

- Metallic flush mounting tray (depth 110 mm with insulated cable entries top and bottom)
- Removable chassis with uprights accommodating modular devices
- Metallic (easily removable) finishing frame DN=40 / AN=72 mm depth

FU22DN	48	(2 x 24)	flush mounting distribution board	537	550	150	6 910.00
FU32DN	72	(3 x 24)	flush mounting distribution board	687	550	150	8 440.00
FU42DN	96	(4 x 24)	flush mounting distribution board	837	550	150	9 110.00
FU52DN	120	(5 x 24)	flush mounting distribution board	987	550	150	9 860.00
FU62DN	144	(6 x 24)	flush mounting distribution board	1137	550	150	10 400.00
FU72DN	168	(7 x 24)	flush mounting distribution board	1287	550	150	12 000.00

Partially equipped flush enclosures

FU42AN*	48	(2 x 24)	flush mounting distribution board	837	550	182	8 440.00
FU52AN*	72	(3 x 24)	flush mounting distribution board	987	550	182	9 550.00
FU62AN*	96	(4 x 24)	flush mounting distribution board	1137	550	182	10 100.00
FU72AN*	120	(5 x 24)	flush mounting distribution board	1287	550	182	10 600.00

* Supplied without top two rows, to be completed with internal modules of choice (below) to accept main switch MCCB (up to 160A) or two rows modular devices or chassis plate

Doors for Vega D enclosures (sheet metal)
Plain doors

(left or right hinged 135° opening)

FD22PN	plain	sheet metal door for enclosures	FD/FU22	350	500	—	1 200.00
FD32PN	plain	sheet metal door for enclosures	FD/FU32	500	500	—	1 400.00
FD42PN	plain	sheet metal door for enclosures	FD/FU42	650	500	—	1 600.00
FD52PN	plain	sheet metal door for enclosures	FD/FU52	800	500	—	1 700.00
FD62PN	plain	sheet metal door for enclosures	FD/FU62	950	500	—	1 800.00
FD72PN	plain	sheet metal door for enclosures	FD/FU72	1100	500	—	2 000.00

Transparent doors

(left or right hinged 135° opening)

FD22TN	transparent	sheet metal door for enclosures	FD/FU22	350	500	—	1 800.00
FD32TN	transparent	sheet metal door for enclosures	FD/FU32	500	500	—	1 900.00
FD42TN	transparent	sheet metal door for enclosures	FD/FU42	650	500	—	2 200.00
FD52TN	transparent	sheet metal door for enclosures	FD/FU52	800	500	—	2 400.00
FD62TN	transparent	sheet metal door for enclosures	FD/FU62	950	500	—	2 600.00
FD72TN	transparent	sheet metal door for enclosures	FD/FU72	1100	500	—	2 900.00

Internal modules (to fill upper 2 spaces on FD/FU42,52,62,72AN enclosures)

FD01A1	1 row 24 way	standard chassis with modular DIN cover	150	—	—	725.00
FD01A2	1 row adj.	DIN-rail kit for terminals with plain front cover	150	—	—	975.00
FD01K1	1 row	for 1x horizontally mounted 160A MCCB	150	—	—	1 710.00

See page H-6 for Vega D internal modules and accessories

Floor-standing distribution board system



FM109 / 209



FM549

Quadro 5 series - Floor standing distribution board system (IP55)

- Nominal insulation voltage: $U_i = 690 \text{ V}$
- Type tested nominal current: 630A, 35 kA
- Colour: RAL9010, (plinth RAL7042)
- Class of protection: IP55, IK10 (with door) to EN 60530

type	description	for enclosure	dimensions (mm)			price
			(H)	(W)	(D)	

Enclosures - Height: 1260 mm - Surface wall mount or (floor mount with optional plinth)

- Main frame with back plate, removable top and bottom plates and 4 lugs for wall mounting
- 1200 mm Internal height - accepts: - 8 rows (150 mm high) or 6 rows (200 mm high) 24 way

FM205	upright basic frame without plinth	(standard)	1260	700	260	10 200.00
FM405	pair of side plates (L and R) for enclosure	FM205	1260	—	260	2 010.00
FM450	plinth (optional) for floor mounting enclosure	FM205	150	700	260	3 380.00
FM535	plain sheet metal hinged door for	FM205	1260	685	—	3 910.00
FM545	transparent sheet metal hinged door for	FM205	1260	685	—	5 180.00

Enclosures - Height: 2010 mm (floor standing with back plate, removable top plate and plinth)

- Main frame with back plate, removable top plate and plinth with 2 wall securing lugs
- 1800 mm Internal height - accepts: - 12 rows (150 mm high) or 9 rows (200 mm high) 24 way

FM109	upright basic frame with back plate and plinth	(narrow)	2010	450	260	15 500.00
FM209	upright basic frame with back plate and plinth	(standard)	2010	700	260	16 100.00
FM409	pair of side plates (L and R) for enclosure	FM1/209	2010	—	260	2 800.00
FM519	plain sheet metal hinged door (narrow)	FM109	2010	435	—	4 970.00
FM539	plain sheet metal hinged door (standard)	FM209	2010	685	—	6 340.00
FM549	transparent sheet metal hinged door (standard)	FM209	2010	685	—	8 080.00

Equipment mounting kits - For Quadro 5 system

- Comprises: mounting rail + accessories and front covers for modular MCB and MCCB

For 700 mm wide (standard) panels

UC201	mounting kit for MCB (150 mm)	24 modules	FM205/9	150	600	—	1 040.00
UC205	mounting kit for MCB (200 mm)	24 modules	FM205/9	200	600	—	1 140.00
UC011H	mounting kit for MCCB	x160	FM205/9	300	600	—	1 560.00
UC021H	mounting kit for MCCB	x250	FM205/9	300	600	—	2 640.00
UC464P	kit for mounting 2 x MCCB	P630	FM205/9	300	600	—	2 170.00
UC464X	kit for mounting 2 x MCCB	x630	FM205/9	300	600	—	2 570.00
UC233EM	kit with knock-outs for 3 x 96 mm instruments		FM205/9	200	600	—	991.00

For 450 mm wide (narrow) panels

UC200	mounting kit for MCB	10 modules	FM109	150	350	—	701.00
UC010H	mounting kit for MCCB	x160	FM109	300	350	—	1 300.00
UC020H	mounting kit for MCCB	x250	FM109	300	350	—	2 200.00
UC434P	kit for mounting 1 x MCCB	P630	FM109	300	350	—	1 770.00
UC434X	kit for mounting 1 x MCCB	x630	FM109	300	350	—	1 960.00

Accessories for Quadro 5 enclosures - (other common accessories see page H-11)

FM484	chassis plates for standard enclosures	FM205/9	300	500	—	688.00
FM486	chassis plates for standard enclosures	FM205/9	600	500	—	1 150.00
FM635	horizontal joining kit (side by side mounting of frames)					952.00
FM653	screw-in lifting ring set for Quadro 5 enclosures				(2pcs)	265.00
UC915	clip-in cable trunking support (60 mm vertical / 40 mm horizontal)					76.00
JP024	blanking strip (24 modules wide) with breakable sections					82.00
FZ517	replacement square 6 x 6 mm key lock insert					86.00

(continued...) Vega D Internal modules

type	number of modular ways	description	dimensions (mm)			price
			(H)	(W)	(D)	
FD02A1	2 rows (24 way)	standard chassis with modular DIN cover	300	—	—	1 320.00
FD02K1	2 row	for 1 x vertically mounted 160A MCCB	300	—	—	1 410.00
FD02C2	2 row	perforated chassis plate + plain front cover	300	—	—	2 030.00
FD00C2	2 row	plain flat surface front cover for enclosures	300	—	—	639.00
FD00M2	2 row	chassis plate direct fixing on vert. supports	300	—	—	307.00

Accessories for Vega D enclosures

JP002	blanking strip	24 way blanking strip (breakable sections)			(ea)	78.00
FD00A1	label holder	24 way holder and paper strip for marking			(10 per pack)	512.00
FD00F1	bracket	for horizontal side by side mounting			(ea)	603.00
FD00F2	brackets	external wall mount for surface enclosures			(ea)	506.00
FZ794	pocket plan	self adhesive flexible A4 format pocket plan			(10 per pack)	477.00
FD00S1	key lock	key lock to replace original door latch			(ea)	413.00

Modular floor-standing distribution board system

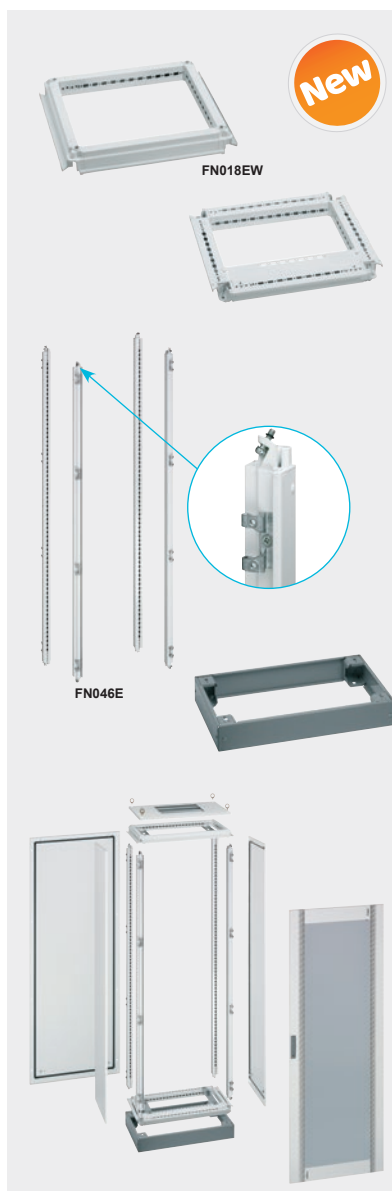
- Quick and easy to assemble
- IP55 (with door)
- Access from all sides
- Sheet metal class I

Dimension (mm)			1	2	3	4	5
height	width	depth	Top and bottom frame (set)	4 uprights	plinth (H=100 mm)	back panel	side panel
1900	450	400	FN018EW	FN046EW	FN438E	FN216E	FN356E
1900	450	600	FN020EW	FN046EW	FN440E	FN216E	FN366E
1900	450	800	FN022EW	FN046EW	FN442E	FN216E	FN376E
1900	700	400	FN021EW	FN046EW	FN441E	FN276E	FN356E
1900	700	600	FN029EW	FN046EW	FN451E	FN276E	FN366E
1900	700	800	FN013EW	FN046EW	FN433E	FN276E	FN376E
1900	900	400	FN023EW	FN046EW	FN443E	FN296E	FN356E
1900	900	600	FN031EW	FN046EW	FN453E	FN296E	FN366E
1900	900	800	FN017EW	FN046EW	FN437E	FN296E	FN376E
1900	1000	400	FN024EW	FN046EW	FN444E	FN246E	FN356E
1900	1000	600	FN032EW	FN046EW	FN454E	FN246E	FN366E
1900	1000	800	FN037EW	FN046EW	FN459E	FN246E	FN376E

Introducing more possibilities
quadro evo
The New Hager Main Distribution Board

Basic component requirement to assemble a single floor standing cabinet:

• Top and bottom frames • Four uprights • Plinth • Side panels • Back panel • Top and bottom plates • Door



type	description	dimensions (mm)			price
		(H)	(W)	(D)	
Top and bottom frame set - Connects to structural uprights FN046EW 1					
FN018EW	top and bottom frame set (connects to uprights)	—	450	400	5 230.00
FN020EW	top and bottom frame set (connects to uprights)	—	450	600	5 670.00
FN022EW	top and bottom frame set (connects to uprights)	—	450	800	6 060.00
FN021EW	top and bottom frame set (connects to uprights)	—	700	400	6 190.00
FN029EW	top and bottom frame set (connects to uprights)	—	700	600	6 410.00
FN013EW	top and bottom frame set (connects to uprights)	—	700	800	6 870.00
FN023EW	top and bottom frame set (connects to uprights)	—	900	400	6 750.00
FN031EW	top and bottom frame set (connects to uprights)	—	900	600	7 620.00
FN017EW	top and bottom frame set (connects to uprights)	—	900	800	8 520.00
FN024EW	top and bottom frame set (connects to uprights)	—	1000	400	7 560.00
FN032EW	top and bottom frame set (connects to uprights)	—	1000	600	8 390.00
FN037EW	top and bottom frame set (connects to uprights)	—	1000	800	9 230.00
Four structural uprights - Connects to top and bottom frames with single captive screw 2					
FN046EW	set of 4 uprights (connects to top and bottom frame)	1900	—	—	6 950.00
Plinth - Removable front and rear inspection plates 3					
FN438E	plinth with inspection plates (H) 100 mm	100	450	400	2 420.00
FN440E	plinth with inspection plates (H) 100 mm	100	450	600	2 660.00
FN442E	plinth with inspection plates (H) 100 mm	100	450	800	2 820.00
FN441E	plinth with inspection plates (H) 100 mm	100	700	400	2 700.00
FN451E	plinth with inspection plates (H) 100 mm	100	700	600	2 790.00
FN433E	plinth with inspection plates (H) 100 mm	100	700	800	3 010.00
FN443E	plinth with inspection plates (H) 100 mm	100	900	400	2 840.00
FN453E	plinth with inspection plates (H) 100 mm	100	900	600	2 940.00
FN437E	plinth with inspection plates (H) 100 mm	100	900	800	3 150.00
FN444E	plinth with inspection plates (H) 100 mm	100	1000	400	2 820.00
FN454E	plinth with inspection plates (H) 100 mm	100	1000	600	2 920.00
FN459E	plinth with inspection plates (H) 100 mm	100	1000	800	3 130.00
FN430E	Plinth connection kit to increase overall height by adding two or more plinths				111.00
Back panels - Removable 4					
FN216E	rear panel for Quadro enclosures (removable)	1900	450	—	2 200.00
FN276E	rear panel for Quadro enclosures (removable)	1900	700	—	3 240.00
FN296E	rear panel for Quadro enclosures (removable)	1900	900	—	4 210.00
FN246E	rear panel for Quadro enclosures (removable)	1900	1000	—	4 730.00
FN276EDW	ventilated rear panel for enclosures (louvered)	1900	700	—	5 510.00
FN296EDW	ventilated rear panel for enclosures (louvered)	1900	900	—	7 220.00
FN246EDW	ventilated rear panel for enclosures (louvered)	1900	1000	—	8 320.00
Side panels (supplied individually) 5					
FN356E	side panel for Quadro enclosures (removable)	1900	—	400	2 090.00
FN366E	side panel for Quadro enclosures (removable)	1900	—	600	2 590.00
FN376E	side panel for Quadro enclosures (removable)	1900	—	800	3 990.00

Modular floor-standing distribution board system

6		7		8		9	10
							
top and bottom cable entry plates		doors		chassis plate		functional uprights	
plain plate	cable entry	plain	transparent	full height			
FN078E	FN4540DREM	FN546E	FN510E	FN726E		UC1800FB	
FN080E	FN4560DREM	FN546E	FN510E	FN726E		UC1800FB	
FN082E	FN4580DREM	FN546E	FN510E	FN726E		UC1800FB	
FN081E	FN7040DREM	FN506E	FN516E	FN736E		UC1800FB	
FN089E	FN7060DREM	FN506E	FN516E	FN736E		UC1800FB	
FN073E	FN7080DREM	FN506E	FN516E	FN736E		UC1800FB	
FN083E	FN9040DREM	FN526E	FN536E	FN746E		UC1800FB	
FN091E	FN9060DREM	FN526E	FN536E	FN746E		UC1800FB	
FN077E	FN9080DREM	FN526E	FN536E	FN746E		UC1800FB	
FN084E	FN10040DREM	—	—	—		UC1800FB	
FN092E	FN10060DREM	—	—	—		UC1800FB	
FN121E	FN10080DREM	—	—	—		UC1800FB	

Scan Here

for How To
Tutorial Videos



FN089E



FN4540DREM



FN506E



FN516E

type	description			dimensions (mm)			price
				(H)	(W)	(D)	
Top and bottom cover plates (plain) 6							
FN078E	plain cover plate	top (or) bottom	(plain)	—	450	400	1 020.00
FN080E	plain cover plate	top (or) bottom	(plain)	—	450	600	1 230.00
FN082E	plain cover plate	top (or) bottom	(plain)	—	450	800	1 430.00
FN081E	plain cover plate	top (or) bottom	(plain)	—	700	400	1 280.00
FN089E	plain cover plate	top (or) bottom	(plain)	—	700	600	1 540.00
FN073E	plain cover plate	top (or) bottom	(plain)	—	700	800	2 160.00
FN083E	plain cover plate	top (or) bottom	(plain)	—	900	400	1 350.00
FN091E	plain cover plate	top (or) bottom	(plain)	—	900	600	1 760.00
FN077E	plain cover plate	top (or) bottom	(plain)	—	900	800	2 200.00
FN084E	plain cover plate	top (or) bottom	(plain)	—	1000	400	1 500.00
FN092E	plain cover plate	top (or) bottom	(plain)	—	1000	600	1 790.00
FN121E	plain cover plate	top (or) bottom	(plain)	—	1000	800	2 830.00
Top and bottom cable entry plates (frame + precut plate) 7							
FN4540DREM	cable entry plate	top (or) bottom	(precut)	—	450	400	1 469.00
FN4560DREM	cable entry plate	top (or) bottom	(precut)	—	450	600	1 964.00
FN4580DREM	cable entry plate	top (or) bottom	(precut)	—	450	800	2 207.00
FN7040DREM	cable entry plate	top (or) bottom	(precut)	—	700	400	2 025.00
FN7060DREM	cable entry plate	top (or) bottom	(precut)	—	700	600	2 569.00
FN7080DREM	cable entry plate	top (or) bottom	(precut)	—	700	800	3 130.00
FN9040DREM	cable entry plate	top (or) bottom	(precut)	—	900	400	2 460.00
FN9060DREM	cable entry plate	top (or) bottom	(precut)	—	900	600	3 130.00
FN9080DREM	cable entry plate	top (or) bottom	(precut)	—	900	800	3 740.00
FN10040DREM	cable entry plate	top (or) bottom	(precut)	—	1000	400	3 010.00
FN10060DREM	cable entry plate	top (or) bottom	(precut)	—	1000	600	3 550.00
FN10080DREM	cable entry plate	top (or) bottom	(precut)	—	1000	800	4 350.00
Cable entry plates - for (above) open cover plates							
FZ404	cable entry plain plastic plate without precuts					plain	263.00
FZ422	cable entry plain steel plate without precuts					plain	448.00
FZ402AL	aluminium cable entry plate					plain	435.00
FZ402	cable entry plate with flexible rubber pins			various entry diameters			283.00
FZ406M	cable entry plate with precuts for cable glands			13x M20 + 2x M25/20			262.00
FZ407M	cable entry plate with precuts for cable glands			6x M25 + 2x M32/25			263.00
FZ408M	cable entry plate with precuts for cable glands			2x M25/32 + 1x M50/63			263.00
FZ403WP	top ventilating cap for enclosures			(mounts onto open cover plates)			743.00
Doors - Supplied with hinges and rotary locks 8							
FN510E	door for Quadro system	(reversible)	(t/parent)	1900	450	—	4 900.00
FN516E	door for Quadro system	(reversible)	(t/parent)	1900	700	—	7 090.00
FN536E	door for Quadro system	(reversible)	(t/parent)	1900	900	—	8 190.00
FN546E	door for Quadro system	(reversible)	(plain)	1900	450	—	4 110.00
FN506E	door for Quadro system	(reversible)	(plain)	1900	700	—	5 150.00
FN526E	door for Quadro system	(reversible)	(plain)	1900	900	—	6 100.00
FN952	door stopper unit (to latch door in open position)			—	—	—	840.00

Modular floor-standing distribution board system


Equipment mounting kits (for Quadro Evo systems)

- Comprises: mounting accessories and front covers for MCB, MCCB and ACB

type	description	for components	dimensions (mm)		price
			(H)	(W)	

Functional uprights - Mandatory for mounting equipment kits in enclosures 10

UC1800FB	functional uprights	(to support mounting accessories)	1900	—	6 200.00
UC1600FB	functional uprights	(space for busbar in top section)	1600	—	6 260.00

Mounting kits for circuit breakers - Vertical mounting (terminals top/bottom)
For 450 (350) mm wide panels

UC1530MDN	kit for mounting MCB	10 modules	150	350	1 440.00
UC2035AMD*	terminal kit with mounting kit, DIN-rail and front cover		200	350	1 090.00
UC133X	kit for mounting 2 x MCCB	vertical	x160	300	1 920.00
UC233XH	kit for mounting 1 x MCCB	vertical	x250	300	2 000.00
UC434PN	kit for mounting 1 x MCCB	vertical	P630	400	2 180.00
UC434XN	kit for mounting 1 x MCCB	vertical	x630	400	2 170.00

For 700 (600) mm wide panels

UC1560MDN	kit for mounting MCB	24 modules	150	600	1 470.00
UC2060MDN	kit for mounting MCB	24 modules	200	600	1 500.00
UC2060AMD*	terminal kit with mounting kit, DIN-rail and front covercover plate		200	600	1 160.00
UC163X	kit for mounting 4 x MCCB	vertical	x160	300	2 100.00
UC263XH	kit for mounting 2 x MCCB	vertical	x250	300	1 740.00
UC464PN	kit for mounting 2 x MCCB	vertical	P630	400	2 950.00
UC464XN	kit for mounting 2 x MCCB	vertical	x630	400	3 110.00
UC566H	kit for mounting 1 x MCCB	vertical	h1000	600	3 950.00
UC666H	kit for mounting 1 x MCCB	vertical	h1600	600	4 650.00

Horizontal mounting (terminals left and right)

UC262XHR	kit for mounting 1 x MCCB	horizontal	x250	200	600	2 080.00
UC463XRN	kit for mounting 1 x MCCB	horizontal	x630	300	600	2 560.00
UC463PRN	kit for mounting 1 x MCCB	horizontal	P630	400	600	2 500.00
UC564H	kit for mounting 1 x MCCB	horizontal	h1000	400	600	3 750.00

Mounting kits for ACB - Vertically mounted (terminals top/bottom)

UC6040HW1	kit for mounting HW1 ACB	fixed-D/out	1600A	400	600	2 760.00
UC6060HW2	kit for mounting HW2 ACB	fixed-D/out	2500A	600	600	4 440.00

Other mounting kits - For 700mm wide cabinets

UC301	kit with knock-outs for up to	4 x 72 mm ²	instruments	200	600	667.00
UC233EM	kit with knock-outs for up to	3 x 96 mm ²	instruments	200	600	991.00

For 900 (800) mm wide panels

UC1580MDN	kit for mounting MCB	35 modules	150	800	1 840.00	
UC2080MDN	kit for mounting MCB	35 modules	200	800	1 900.00	
UC2080AMD*	terminal kit with mounting kit, DIN-rail and front cover			200	800	1 190.00
UC183X	kit for mounting 6 x MCCB	vertical	x160	300	800	1 700.00
UC283XH	kit for mounting 3 x MCCB	vertical	x250	300	800	1 980.00
UC484XDN	kit for mounting 3 x MCCB	vertical	x630	400	800	3 570.00
UC484PDN	kit for mounting 3 x MCCB	vertical	P630	400	800	3 540.00
UC586H	kit for mounting 1 x MCCB	vertical	h1000	600	800	4 120.00
UC686HD	kit for mounting 2 x MCCB	vertical	h1600	600	800	3 190.00

Horizontal mounting MCCB (terminals left and right)

UC282XHR	kit for mounting 1 x MCCB	horizontal	x250	200	800	2 390.00
UC483XRN	kit for mounting 1 x MCCB	horizontal	x630	300	800	2 880.00
UC483PRN	kit for mounting 1 x MCCB	horizontal	P630	400	800	2 940.00
UC584H	kit for mounting 1 x MCCB	horizontal	h1000	400	800	4 360.00

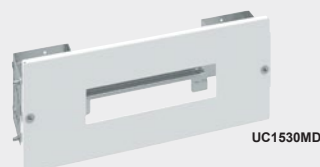
Mounting kits for ACB

UC8040HW1	kit for mounting HW1 ACB	fixed-D/out	1600A	400	800	3 160.00
UC8060HW2	kit for mounting HW2 ACB	fixed-D/out	2500A	600	800	4 870.00
UC8060FHW4	kit for mounting HW4 ACB	fixed	4000A	600	800	6 440.00
UC8060DHW4	kit for mounting HW4 ACB	D/out	4000A	600	800	6 440.00

Other mounting kits - For 900 mm wide cabinets

UC243EM	kit with knock-outs for up to	3 x 96 mm ²	instruments	200	800	1 280.00
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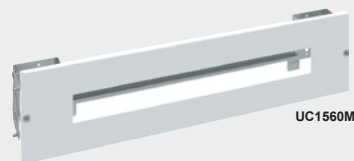
* Front cover to be purchased separately.



UC1530MDN



UC263XH



UC1560MDN



UC243EM

Modular floor-standing distribution board system



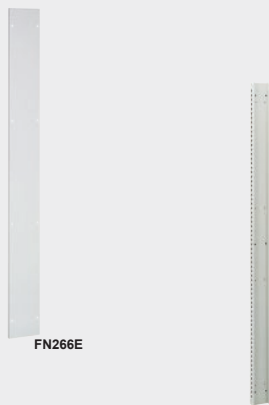
FN6030PDW



FN6060PDW



UC232



FN266E

FN206E

type	description		dimensions (mm)			price
			(H)	(W)	(D)	
Partial door system - Replaces classical door system with partial doors						
Vertical upright - requires front top and bottom finishing panels (below)						
FN1900PD	vertical upright to attach partial doors onto	(ea)	1900	—	—	1 340.00
FN60TBPW	top and bottom finishing panels for partial doors	(set 2 pcs)	—	600	—	1 490.00
FN80TBPW	top and bottom finishing panels for partial doors	(set 2 pcs)	—	800	—	1 880.00
Partial doors for cabinets						
FN6020MDW	partial door with cut-out for modular devices (MCB's)	(1 lock)	200	600	—	2 640.00
FN6020PDW	partial plain blank doors only	(hinged) (1 lock)	200	600	—	2 610.00
FN6030PDW	partial plain blank doors only	(hinged) (1 lock)	300	600	—	3 040.00
FN6040PDW	partial plain blank doors only	(hinged) (2 locks)	400	600	—	2 500.00
FN6060PDW	partial plain blank doors only	(hinged) (2 locks)	600	600	—	2 640.00
FN8020MDW	partial door with cut-out for modular devices (MCB's)	(1 lock)	200	800	—	2 840.00
FN8020PDW	partial plain blank doors only	(hinged) (1 lock)	200	800	—	2 060.00
FN8030PDW	partial plain blank doors only	(hinged) (1 lock)	300	800	—	2 400.00
FN8040PDW	partial plain blank doors only	(hinged) (2 locks)	400	800	—	2 610.00
FN8060PDW	partial plain blank doors only	(hinged) (2 locks)	600	800	—	2 870.00
Blanking plates - For Quadro systems - screws onto functional uprights						
UC221	front blanking cover plate	(screw on) (plain)	50	350	—	474.00
UC222	front blanking cover plate	(screw on) (plain)	150	350	—	411.00
UC223	front blanking cover plate	(screw on) (plain)	200	350	—	520.00
UC224	front blanking cover plate	(screw on) (plain)	300	350	—	591.00
UC225	front blanking cover plate	(screw on) (plain)	400	350	—	828.00
UC226	front blanking cover plate	(screw on) (plain)	600	350	—	794.00
UC231	front blanking cover plate	(screw on) (plain)	50	600	—	540.00
UC239	front blanking cover plate	(screw on) (plain)	100	600	—	583.00
UC232	front blanking cover plate	(screw on) (plain)	150	600	—	643.00
UC233	front blanking cover plate	(screw on) (plain)	200	600	—	885.00
UC234	front blanking cover plate	(screw on) (plain)	300	600	—	655.00
UC235	front blanking cover plate	(screw on) (plain)	400	600	—	920.00
UC236	front blanking cover plate	(screw on) (plain)	600	600	—	1 170.00
UC6020PL	ventilating front blanking cover	(screw on) (louvered)	200	600	—	1 020.00
UC241	front blanking cover plate	(screw on) (plain)	50	800	—	587.00
UC249	front blanking cover plate	(screw on) (plain)	100	800	—	631.00
UC242	front blanking cover plate	(screw on) (plain)	150	800	—	670.00
UC243	front blanking cover plate	(screw on) (plain)	200	800	—	774.00
UC244	front blanking cover plate	(screw on) (plain)	300	800	—	901.00
UC245	front blanking cover plate	(screw on) (plain)	400	800	—	1 180.00
UC246	front blanking cover plate	(screw on) (plain)	600	800	—	1 450.00
UC8020PL	ventilating front blanking cover	(screw on) (louvered)	200	800	—	1 090.00
Vertical dividing uprights - (supplied individually)						
- To create a cable compartment (W) 200/300 mm within (W) 900/1000 mm cabinets						
FN286EW	vertical dividing upright for cable compartment	(each)	1900	—	—	4 740.00
Cable compartment plate - (supplied individually) fixing with screws						
FN266E	cable compartment blanking plate	(front or back mount)	—	200	—	2 050.00
FN206E	cable compartment blanking plate	(front or back mount)	—	300	—	1 840.00
Horizontal dividing support - to support functional uprights when creating a cable compartment						
FX289	horizontal dividing side support for functional uprights		—	—	400	629.00
FX291	horizontal dividing side support for functional uprights		—	—	600	797.00
FX292	horizontal dividing side support for functional uprights		—	—	800	982.00
Partial front functional uprights - can be used when no functional uprights for equipment are used						
UC200F	partial front functional uprights for cabinet		200	—	—	755.00
UC300F	partial front functional uprights for cabinet		300	—	—	874.00
UC400F	partial front functional uprights for cabinet		400	—	—	1 020.00
UC600F	partial front functional uprights for cabinet		600	—	—	1 200.00
UC1800F	full length functional front uprights for cabinet		1800	—	—	2 360.00
Partial rear functional uprights - to accommodate rear mounted chassis and support brackets						
UC400BU	partial rear functional uprights		400	—	—	2 440.00
UC600BU	partial rear functional uprights		600	—	—	2 370.00
UC800BU	partial rear functional uprights		800	—	—	2 510.00
UC1000BU	partial rear functional uprights		1000	—	—	3 400.00

Modular floor-standing distribution board system



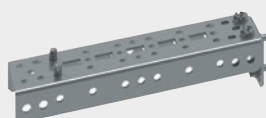
FN950



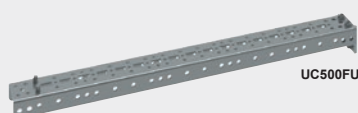
Finishing frame



FN406E



UC200FU



UC500FU



UC000FU



UC990



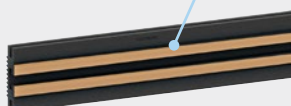
FZ767



UC268

type	description	dimensions (mm)			price	
		(H)	(W)	(D)		
Coupling kits - To combine cabinets (of the same height) depth or laterally						
FN950	lateral coupling to combine two cabinets horizontally (for greater width)				425.00	
FN942E	cover plate for gap between adjoining enclosures	widthwise	—	400	292.00	
FN943E	cover plate for gap between adjoining enclosures	widthwise	—	600	315.00	
FN944E	cover plate for gap between adjoining enclosures	widthwise	—	800	359.00	
FN954E	depth coupling to combine two cabinets back to back (for greater depth)				1 320.00	
FN946E	cover plate for gap between adjoining enclosures	depthwise	—	450	375.00	
FN947E	cover plate for gap between adjoining enclosures	depthwise	—	700	396.00	
FN948E	cover plate for gap between adjoining enclosures	depthwise	—	900	445.00	
FN949E	cover plate for gap between adjoining enclosures	depthwise	—	901	710.00	
FN951	adhesive gasket/seal tape for enclosures	(10 x 6 mm)	(length 10 met)		298.00	
Finishing frame - Required when no door is fitted to enclosure						
FN1970AF	finishing frame when no door is used on enclosures	1900	700	—	2 270.00	
FN1990AF	finishing frame when no door is used on enclosures	1900	900	—	2 570.00	
Chassis plates - UC partial plates can be increased in height by adding 1 or more kits 9						
UC2060MP	partial chassis mounting plate	(without cover plate)	200	600	—	900.00
UC2080MP	partial chassis mounting plate	(without cover plate)	200	800	—	976.00
FN726E	chassis plate for Quadro cabinets	(full height)	1900	450	—	2 320.00
FN736E	chassis plate for Quadro cabinets	(full height)	1900	700	—	3 210.00
FN746E	chassis plate for Quadro cabinets	(full height)	1900	900	—	4 710.00
Perforated mounting accessories						
All accessories are designed for adapting enclosures to accommodate a range of components. Perforations in profiles, brackets, rails are in steps 25 mm apart and accommodate cage nuts M6 (UC990).						
Side brackets - mounts horizontally between side structural uprights						
UC300FU	side mount horizontal support bracket	(perforated)	50	—	400	603.00
UC500FU	side mount horizontal support bracket	(perforated)	50	—	600	543.00
UC700FU	side mount horizontal support bracket	(perforated)	50	—	800	637.00
Back brackets - mounts horizontally between back structural uprights or mounted side brackets						
UC350FU	back bracket mounts bet. rear funct. uprights or side brackets		—	450	—	488.00
UC600FU	back bracket mounts bet. rear funct. uprights or side brackets		—	700	—	747.00
UC800FU	back bracket mounts bet. rear funct. uprights or side brackets		—	900	—	959.00
UC200FU	back bracket for accessories	for cable compartment section	—	200	—	529.00
UC300FU	back bracket for accessories	for cable compartment section	—	300	—	603.00
UC000FU	support mounting bracket for perforated profiles (one per profile)				206.00	
FZ767	lifting rings for enclosures	Quadro evo (2 pcs)	—	—	—	248.00
FZ760E	lifting rings for double enclosures	Quadro evo (2 pcs)	—	—	—	403.00
UC990	clip-in M6 cage nut for perforations in profiles	(pack of 25)	—	—	—	318.00
UC991	M6 x 12 mm screw for above cage nuts	(pack of 25)	—	—	—	597.00
Accessories for Quadro systems						
UC268	hinge kit for modular covers (hinge from left or right)	(2 pcs)	—	—	—	159.00
UC000HTS	clip-in cable trunking support	(6pcs)	—	—	—	857.00
UZ25V1*	rail mount cable clamp/guide	(20pcs)	—	—	—	163.00
UZ01V1	cable guide to fix cable clamp to DIN-rail	(20pcs)	—	—	—	851.00
JP024	blanking strip (24 - way) with breakable sections		—	—	—	82.00
JE003	spare transparent self-adhesive marking strips (24 - way)		—	—	—	55.00
* Requires UZ01V1 - cable guide to fix cable clamp UZ25V1 to DIN-rail						
FZ795D	metal self-adhesive document holder (A4) for inside doors		—	—	—	576.00
FZ794	plastic self-adhesive transparent pocket (A4) for inside doors		—	—	—	477.00
Key locks						
• To replace existing lock cylinders with other key types						
FZ537	spare swing lever handle for enclosures without lock				832.00	
FZ506	key lock replacement cylinder	with key	1242E	—	—	518.00
FZ519	key lock replacement cylinder	with key	405	—	—	519.00
FZ520	key lock replacement cylinder	with key	455	—	—	503.00
FZ850	panel key triangle/square/double bit				62.00	
FL74Z	lock replacement insert	triangle	8 mm	—	—	270.00
FL76Z	lock replacement insert	square	8x8 mm	—	—	303.00
FZ516	lock replacement insert	square	6x6 mm	—	—	91.00

Modular floor-standing distribution board system



UC918125AL



UC918160AL



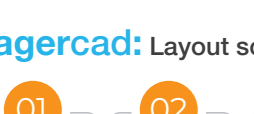
UC9840S



UC815



UC820



UC826

Busbar supports for Quadro system

type	current (A)	bar size (mm) width thick	no. pole	description	dimensions (mm) (H) (W) (D)	price
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Universal edgewise mounting busbar support - Variable phase-spacing 75/100/150mm

- Supplied with 8 x insulated supports (for top and bottom of busbars) with fixing screws
- For vertical or horizontal busbar mounting within Quadro enclosures
- Suitable for aluminium profile bars or flat copper bars
- Requires support brackets (below) to complete system

UC825BB	1600A	50...120	1 x 10	4	edgewise busbar support	variable	1 850.00
UC8110BB	2000A	50...120	1 x 10	4	edgewise busbar support	variable	1 780.00
UC8210BB	2500A	50...120	2 x 10	4	edgewise busbar support	variable	1 970.00
UC8310BB	4000A	50...120	3 x 10	4	edgewise busbar support	variable	2 180.00

Busbar support profiles and mounting brackets - required to mount the above edgewise supports

- Delivered with 2 x perforated profiles, 2 x mounting brackets and 8 x screws

UC300BB	support on Quadro structure kit	for enclosure depth	400	900.00
UC500BB	support on Quadro structure kit	for enclosure depth	600	981.00
UC700BB	support on Quadro structure kit	for enclosure depth	800	1 220.00
UC400BB	flying support profile kit	for enclosure depth	400	929.00
UC600BB	flying support profile kit	for enclosure depth	600	1 170.00
UC800BB	flying support profile kit	for enclosure depth	800	1 340.00

Lower vertical busbar holders - set of 4 holders to be mounted at the bottom of vertical bars

UC000BB	lower busbar support kit for vertically mounted bars (to prevent sliding)	variable	1 120.00
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Aluminium profile busbars - Mounts into holders UC825BB

UC91880AL	800A	50	18.5	aluminium profile busbars	1800	50	18.5	2 260.00
UC918125AL	1250A	60	18.5	aluminium profile busbars	1800	60	18.5	3 570.00
UC918160AL	1600A	100	18.5	aluminium profile busbars	1800	100	18.5	4 890.00

Copper connection plates for aluminium bars - to extend or join profile bars

UC9800C	800A	connection plates for UC91880AL aluminium bars	110	50	–	2 940.00
UC9125C	1250A	connection plates for UC918125AL aluminium bars	130	60	–	3 240.00
UC9160C	1600A	connection plates for UC918160AL aluminium bars	210	100	–	5 880.00
UC9800T	800A	deviation plates for UC91880AL aluminium bars	110	50	–	3 630.00
UC9125T	1250A	deviation plates for UC918125AL aluminium bars	130	60	–	4 360.00
UC9160C	1600A	deviation plates for UC918160AL aluminium bars	210	100	–	5 880.00

Screws for aluminium bars - steel class 8.8, supplied (screw + nut + washer)

UC9825S	screws	hammerhead zinc plated screws	M8x25 (50 pcs)	25	M8	–	1 940.00
UC9840S	screws	hammerhead zinc plated screws	M8x25 (50 pcs)	40	M8	–	3 030.00

Flat copper bar supports (multi-pole)

Multi stage bar support - supplied individually with 6x M6 and 2 cagenuts

UC815	250A	20	5	4	multi stage busbar support	180	25	126	1 430.00
UC816	protective screen kit				for (above) UC815 support	620	—	—	2 850.00

Inclined busbar support - set of 2 with with all mounting accessories and terminals

UC826	630A	20...32	5/10	4	inclined busbar support	245	54	114	2 380.00
UC828	protective screen kit				for (above) UC826 support	990	212	–	1 140.00

Flat busbars - supplied individually with mounting accessories

UC820	630A	12...30	5/10	4	inclined busbar support	242	22	42	794.00
UC827	protective screen kit			for (above) UC820 support		990	294	—	1 520.00

hagercad: Layout software for distribution boards with 3D visualisation

01

Easily
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share your
projects

02

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generate
circuit
diagrams

03

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power loss
& heat
calculation
feature

04

Simply
generate
your
terminal plan

05

Up to Date
documentation
& operating
instructions

06

**Greater
accuracy**
for cabinet
calculations

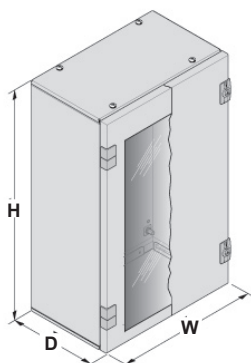
07

**User
friendly**
function for
device labels



To learn more about Hagercad visit www.em.co.za/hagercad

Sheet metal & polyester enclosures IP65



Orion + Enclosures (IP65) (sheet metal and polyester)

Sheet steel or glass reinforced polyester - **Orion Plus** enclosures suited for the harshest conditions can be applied for wet and mechanical use. Even under chemical use, Orion Plus offers the ideal solution with glass reinforced polyester.

Flexibility is provided via mounting plate or DIN-rail (*in 2 different versions*) and thus offers the suitable interior equipment system - both for the application in automation and for classical current distribution.

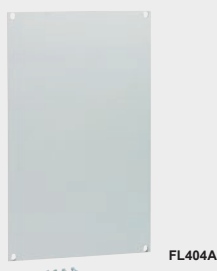
- Colour: RAL 7035 (*light grey*)
- Mounting: Surface mounting
- Certification: CEI EN 60439-1
- Material: Sheet steel - class I or polyester - class II
- IP Rating: (IP65/IK10) protection, insulation class I (*powder-coated epoxy polyester*)

General features:

- Size and depth adapted according to your need
- Front door with foamed gasket opening 140°, hinged left or right
- Interior kits for conversion to distribution facility (*for mounting MCB and modular products*)
- Polyester enclosures for indoor and outdoor applications
- Sheet metal enclosures for indoor application

Typical applications:

- Installation of automation products for the control of machines or small processes
- Installation of non modular products such as contactors, transformers, etc
- Cable termination and distribution



type	protection	description	dimensions (mm)			price
			(H)	(W)	(D)	

Sheet metal enclosures 630A (surface mounting)

- Colour: RAL 7035 (*light grey*)
- IP65 protection, insulation class I (*powder-coated epoxy polyester*)
- Full-sized top and bottom gland plates (*enclosures can be mounted on top of each other*)

FL102A	IP65	surface mount sheet metal enclosure	300	250	160	2 500.00
FL104A	IP65	surface mount sheet metal enclosure	350	300	160	2 710.00
FL110A	IP65	surface mount sheet metal enclosure	500	300	200	3 370.00
FL112A	IP65	surface mount sheet metal enclosure	500	400	200	3 800.00
FL117A	IP65	surface mount sheet metal enclosure	650	400	200	4 230.00
FL120A	IP65	surface mount sheet metal enclosure	650	500	250	4 990.00
FL124A	IP65	surface mount sheet metal enclosure	800	600	300	5 860.00
FL128AEM	IP65	surface mount sheet metal enclosure	950	800	300	7 620.00
FL130AEM	IP65	surface mount sheet metal enclosure	1250	800	300	9 790.00

Above enclosures with transparent door (add suffix T to part no. - e.g **FL102AT**)

+ 15%

Polyester enclosures 630A (surface mounting)

- Colour: RAL 7035 (*light grey*)
- IP66 protection, insulation class II
- Waterproof hood, top and bottom (*incorporated*)

FL204B	IP66	surface mount polyester enclosure	350	300	160	3 690.00
FL209B	IP66	surface mount polyester enclosure	500	300	200	4 230.00
FL213B	IP66	surface mount polyester enclosure	500	400	200	4 670.00
FL216B	IP66	surface mount polyester enclosure	650	400	200	5 860.00
FL221B	IP66	surface mount polyester enclosure	650	500	250	7 160.00
FL221BT	IP66	as above + transparent door	650	500	250	5 620.00
FL229B	IP66	surface mount polyester enclosure	800	600	300	9 330.00

Above enclosures, add suffix T to part no. - e.g **FL204BT** (excl. **FL221BT** with transparent door)

+15%

Chassis plates (supplied separately)

- Plain mounting plate mounted either directly
- Sheet metal thickness 2 mm
- Mounting either directly on the back of enclosure or on the integrated slides with brackets **FL450A** to adjust depth, see page **H-14**

type	description		for enclosures	price
FL402A	internal sheet metal chassis plate	for enclosure	FL102	380.00
FL404A	internal sheet metal chassis plate	for enclosure	FL104/204	392.00
FL407A	internal sheet metal chassis plate	for enclosure	FL110/209	596.00
FL408A	internal sheet metal chassis plate	for enclosure	FL112/213	651.00
FL412A	internal sheet metal chassis plate	for enclosure	FL117/216	824.00
FL413A	internal sheet metal chassis plate	for enclosure	FL120/221/221B	977.00
FL415A	internal sheet metal chassis plate	for enclosure	FL124/229	1 410.00
FL417AEM	internal sheet metal chassis plate	for enclosure	FL128	2 190.00
FL419AEM	internal sheet metal chassis plate	for enclosure	FL130	2 760.00

Sheet metal & polyester enclosures IP65

Orion + Enclosures (IP65) (sheet metal and polyester)

type	description		for enclosures	price
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Internal door assembly

- Internal doors, sheet metal reversible
- Delivered with fixing accessories mounting on slides with delivered fixing frame

FL544A	internal door mounting kit	for enclosure	FL104/204	2 390.00
FL547A	internal door mounting kit	for enclosure	FL110/209	2 610.00
FL548A	internal door mounting kit	for enclosure	FL112/213	2 610.00
FL551A	internal door mounting kit	for enclosure	FL117/216	2 930.00
FL552A	internal door mounting kit	for enclosure	FL120/221	3 040.00
FL555A	internal door mounting kit	for enclosure	FL124/229	3 800.00
FL557A	internal door mounting kit	for enclosure	FL128	4 450.00
FL559A	internal door mounting kit	for enclosure	FL130	4 990.00

Functional chassis (complete) for mounting modular products and MCB

- To convert a surface mount enclosure into a distribution board
- Pre-assembled made up of: 2 Uprights, DIN guides and modular panels

type	number of modular ways	description		for enclosures	price
FL979A	24 (2x12)	complete modular chassis system		FL104A	1 360.00
FL980A	24 (2x12)	complete modular chassis system		FL204B	1 310.00
FL981A	36 (3x12)	complete modular chassis system		FL110/209	1 460.00
FL982A	54 (3x18)	complete modular chassis system		FL112/213	1 960.00
FL983A	72 (4x18)	complete modular chassis system		FL117/216	2 840.00
FL994A	88 (4x22)	complete modular chassis system		FL120A/221B	3 280.00
FL996A	140 (5x28)	complete modular chassis system		FL124A/229B	4 360.00
FL998A	216 (6x36)	complete modular chassis system		FL128A	5 670.00
FL000A	288 (8x36)	complete modular chassis system		FL130A	6 810.00

Kits for main incomer for enclosures

FL372A	(H) 300 mm	kit to mount 125/160A MCCB	into	FL120/221	1 320.00
FL373A	(H) 300 mm	kit to mount 125/160A MCCB	into	FL124/229	1 530.00
FL374A	(H) 300 mm	kit to mount 125/160A MCCB	into	FL128/130	1 780.00

Above requires **HYA033H** DIN-rail adaptor to mount onto rail in kit, see MCCB accessories

Blank front covers

- Fixed by screws of 1/4 turn to replace modular covers

FL711E	150 mm	blank front cover for enclosures	FL104/10FL204/9	312.00
FL712E	150 mm	blank front cover for enclosures	FL112/17/FL213/16	372.00
FL713E	150 mm	blank front cover for enclosures	FL120A/221B	396.00
FL714E	150 mm	blank front cover for enclosures	FL124A/229B	488.00
FL715E	150 mm	blank front cover for enclosures	FL128/130A	619.00
FL733E	300 mm	blank front cover for enclosures	FL120A/221B	1 410.00
FL734E	300 mm	blank front cover for enclosures	FL124A/229B	1 520.00
FL735E	300 mm	blank front cover for enclosures	FL128/130A	1 630.00

Plinths for enclosures

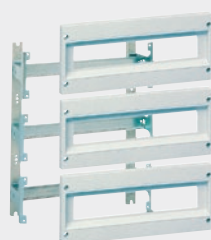
FL958A	base mount plinth system	for enclosures	FL120/221	3 260.00
FL960A	base mount plinth system	for enclosures	FL124/229	3 690.00
FL962A	base mount plinth system	for enclosures	FL128/130	4 230.00

Accessories for enclosures

FL670A	seal kit for mounting enclosures one above another			380.00
FL85Z	metallic mounting brackets for sheet metal enclosures			166.00
FL863Z	plastic mounting brackets for polyester enclosures			318.00
FL871Z	blanking strip (grey) 6 x 4 way blanks in a pack			73.00
FL96ZX01	lever handle door lock (without key) for all enclosures			225.00
FL96Z	lever handle door lock (with key) for all enclosures			219.00
FL93Z	set of 2 locks triangular centre 8 mm			154.00
FL450A	4 brackets delivered with fixing screws			244.00



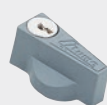
FL544A



FL981A



FL713E



FL96Z



FL958A



FL85Z



FL670A

Sheet metal enclosures IP65



HE204

HE series - Sheet metal electrical enclosures

- Manufactured from high-grade mild steel, powder-coated
- Supplied with internal Aluzinc chassis plate (2 mm thick)
- Supplied with 6 mm square drive locks, panel key and mounting brackets
- Degree of protection: IP65 (continuous foam gasket)

type	IP rating	colour	description	dimensions (mm)			price
				(H)	(W)	(D)	
Sheet metal enclosures				IP65			
Orange enclosures - (RAL2000) electric orange							
HE200	IP65	orange	wall mount sheet metal enclosure	250	200	170	1 400.00
HE201	IP65	orange	wall mount sheet metal enclosure	350	250	170	1 700.00
HE202	IP65	orange	wall mount sheet metal enclosure	450	300	220	2 100.00
HE203	IP65	orange	wall mount sheet metal enclosure	550	400	220	2 560.00
HE203GP1*	IP65	orange	as above with bottom gland plate	550	400	220	3 160.00
HE204	IP65	orange	wall mount sheet metal enclosure	650	450	270	3 180.00
HE205	IP65	orange	wall mount sheet metal enclosure	750	550	270	3 940.00
HE206	IP65	orange	wall mount sheet metal enclosure	850	600	270	4 890.00
HE206E	IP65	orange	wall mount sheet metal enclosure	850	600	330	5 290.00
HE206EGP1*	IP65	orange	as above with bottom gland plate	850	600	330	6 560.00
HE207	IP65	orange	wall mount sheet metal enclosure	950	700	270	5 860.00
HE207E	IP65	orange	wall mount sheet metal enclosure	950	700	330	6 350.00
HE207EGP1*	IP65	orange	as above with bottom gland plate	950	700	330	8 400.00
HE208	IP65	orange	wall mount sheet metal enclosure	1150	850	270	7 880.00
HE208E	IP65	orange	wall mount sheet metal enclosure	1150	850	330	8 650.00

* GP1-(bottom gland plate)

Enclosures with transparent glass door

HE201T	IP65	orange	enclosure with transparent door	350	250	170	2 340.00
HE202T	IP65	orange	enclosure with transparent door	450	300	220	2 820.00
HE203T	IP65	orange	enclosure with transparent door	550	400	220	3 290.00
HE204T	IP65	orange	enclosure with transparent door	650	450	270	4 420.00
HE205T	IP65	orange	enclosure with transparent door	750	550	270	5 770.00
HE206T	IP65	orange	enclosure with transparent door	850	600	270	6 500.00
HE206ET	IP65	orange	enclosure with transparent door	850	600	330	6 890.00
HE207T	IP65	orange	enclosure with transparent door	950	700	270	7 850.00
HE207ET	IP65	orange	enclosure with transparent door	950	700	330	8 330.00
HE208T	IP65	orange	enclosure with transparent door	1150	850	270	10 600.00
HE208ET	IP65	orange	enclosure with transparent door	1150	850	330	11 300.00

Grey enclosures - (RAL7032) light grey

				IP65			
HE200-G	IP65	grey	wall mount sheet metal enclosure	250	200	170	1 400.00
HE201-G	IP65	grey	wall mount sheet metal enclosure	350	250	170	1 700.00
HE202-G	IP65	grey	wall mount sheet metal enclosure	450	300	220	2 100.00
HE203-G	IP65	grey	wall mount sheet metal enclosure	550	400	220	2 560.00
HE204-G	IP65	grey	wall mount sheet metal enclosure	650	450	270	3 310.00
HE205-G	IP65	grey	wall mount sheet metal enclosure	750	550	270	4 200.00
HE206-G	IP65	grey	wall mount sheet metal enclosure	850	600	270	4 890.00
HE206E-G	IP65	grey	wall mount sheet metal enclosure	850	600	330	5 290.00
HE207-G	IP65	grey	wall mount sheet metal enclosure	950	700	270	5 860.00
HE207E-G	IP65	grey	wall mount sheet metal enclosure	950	700	330	6 350.00
HE208-G	IP65	grey	wall mount sheet metal enclosure	1150	850	270	7 880.00
HE208E-G	IP65	grey	wall mount sheet metal enclosure	1150	850	330	8 650.00

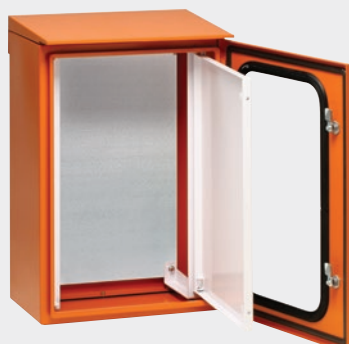
Enclosures with transparent glass door

HE201T-G	IP65	grey	enclosure with transparent door	350	250	170	2 340.00
HE202T-G	IP65	grey	enclosure with transparent door	450	300	220	2 820.00
HE203T-G	IP65	grey	enclosure with transparent door	550	400	220	3 290.00
HE204T-G	IP65	grey	enclosure with transparent door	650	450	270	4 420.00
HE205T-G	IP65	grey	enclosure with transparent door	750	550	270	5 770.00
HE206T-G	IP65	grey	enclosure with transparent door	850	600	270	6 500.00
HE206ET-G	IP65	grey	enclosure with transparent door	850	600	330	6 890.00
HE207T-G	IP65	grey	enclosure with transparent door	950	700	270	7 850.00
HE207ET-G	IP65	grey	enclosure with transparent door	950	700	330	8 330.00
HE208T-G	IP65	grey	enclosure with transparent door	1150	850	270	10 600.00
HE208ET-G	IP65	grey	enclosure with transparent door	1150	850	330	11 300.00



HE204T-G

Sheet metal enclosures IP65



HE204T + ID04 + HC04



HC0...



16.4.431.01



HE12960GP2



GAZS1E

type	IP rating	colour	description	dimensions (mm)				price
				(H)	(W)	(D)		
Internal door kit for HE enclosures								
• Reversible and lockable								
ID02	—	white	internal door kit for enclosures	HE202	—	—	—	832.00
ID03	—	white	internal door kit for enclosures	HE203	—	—	—	1 100.00
ID04	—	white	internal door kit for enclosures	HE204	—	—	—	1 440.00
ID05	—	white	internal door kit for enclosures	HE205	—	—	—	1 770.00
ID06	—	white	internal door kit for enclosures	HE206	—	—	—	2 160.00
ID06E	—	white	internal door kit for enclosures	HE206E	—	—	—	2 240.00
ID07	—	white	internal door kit for enclosures	HE207	—	—	—	2 680.00
ID07E	—	white	internal door kit for enclosures	HE207E	—	—	—	2 830.00
ID08	—	white	internal door kit for enclosures	HE208	—	—	—	3 280.00
ID08E	—	white	internal door kit for enclosures	HE208E	—	—	—	3 480.00
Canopy for HE enclosures								
Orange - RAL2000 (electric orange)								
HC02	IP65	orange	steel canopy for enclosures	HE202	—	300	220	414.00
HC03	IP65	orange	steel canopy for enclosures	HE203	—	400	220	462.00
HC04	IP65	orange	steel canopy for enclosures	HE204	—	450	270	581.00
HC05	IP65	orange	steel canopy for enclosures	HE205	—	550	270	746.00
HC06	IP65	orange	steel canopy for enclosures	HE206	—	600	270	765.00
HC06E	IP65	orange	steel canopy for enclosures	HE206E	—	600	330	860.00
HC07	IP65	orange	steel canopy for enclosures	HE207	—	700	270	903.00
HC07E	IP65	orange	steel canopy for enclosures	HE207E	—	700	330	1 030.00
HC08	IP65	orange	steel canopy for enclosures	HE208	—	850	270	1 070.00
HC08E	IP65	orange	steel canopy for enclosures	HE208E	—	850	330	1 270.00
Grey - RAL7032 (light grey)								
HC02-G	IP65	grey	steel canopy for enclosures	HE202	—	300	220	414.00
HC03-G	IP65	grey	steel canopy for enclosures	HE203	—	400	220	462.00
HC04-G	IP65	grey	steel canopy for enclosures	HE204	—	450	270	581.00
HC05-G	IP65	grey	steel canopy for enclosures	HE205	—	550	270	746.00
HC06-G	IP65	grey	steel canopy for enclosures	HE206	—	600	270	765.00
HC06E-G	IP65	grey	steel canopy for enclosures	HE206E	—	600	330	860.00
HC07-G	IP65	grey	steel canopy for enclosures	HE207	—	700	270	903.00
HC07E-G	IP65	grey	steel canopy for enclosures	HE207E	—	700	330	1 030.00
HC08-G	IP65	grey	steel canopy for enclosures	HE208	—	850	270	1 070.00
HC08E-G	IP65	grey	steel canopy for enclosures	HE208E	—	850	330	1 270.00
Accessories								
16.4.431.01	16 mm	black	padlockable lever handle	for above enclosures				190.00

Special "extra deep" enclosures

IP65

- Ideal for changeover switch applications
- Supplied with internal Aluzinc chassis plate (2 mm thick)
- Degree of protection: IP65 (continuous foam gasket)
- Colour : RAL2000 (electric orange) - other colours on request

HE09645	IP65	orange	extra deep sheet metal enclosures	900	600	450	11 600.00
HE12960GP1*	IP65	orange	as above with top/bottom gland plate	1200	900	600	21 900.00

* GP1-(bottom gland plate)

Special "termination" boxes

IP65

- Front cover secured by 4 x screws

Sheet metal enclosures

GAZM1E	IP65	grey	sheet metal enclosures	200	150	120	1 400.00
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Stainless steel (AISI 304) enclosures

GAZS1E	IP65	S/Steel	stainless steel enclosures	200	150	120	2 780.00
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For stainless steel enclosures see overleaf

Stainless steel enclosures IP65



SE....

3CR12 series - Stainless steel enclosures

- Manufactured from 3CR12 stainless steel and powder-coated
- Supplied with internal Aluzinc chassis plate (2 mm thick)
- Supplied with 6 mm square drive locks, panel key and mounting brackets
- Degree of protection: IP65 (continuous foam gasket)
- Colour: RAL2000 (electric orange) - other colours on request

type	IP rating	colour	description	dimensions (mm)			price
				(H)	(W)	(D)	
3CR12 stainless steel enclosures				IP65			
SE1035	IP65	orange	3CR12 stainless steel enclosure	350	250	170	2 480.00
SE1040	IP65	orange	3CR12 stainless steel enclosure	400	300	220	2 960.00
SE1050	IP65	orange	3CR12 stainless steel enclosure	500	400	220	3 600.00
SE1065	IP65	orange	3CR12 stainless steel enclosure	600	500	220	4 670.00
SE1070	IP65	orange	3CR12 stainless steel enclosure	700	600	270	6 280.00
SE1080	IP65	orange	3CR12 stainless steel enclosure	800	600	270	7 710.00
SE1090	IP65	orange	3CR12 stainless steel enclosure	900	700	330	9 250.00
SE1100	IP65	orange	3CR12 stainless steel enclosure	1000	800	330	11 400.00
SE1201	IP65	orange	3CR12 stainless steel enclosure	1200	800	330	13 000.00

Stainless steel enclosures with transparent glass door

SE1040T	IP65	orange	3CR12 enc. with transparent door	400	300	220	3 820.00
SE1050T	IP65	orange	3CR12 enc. with transparent door	500	400	220	4 690.00
SE1065T	IP65	orange	3CR12 enc. with transparent door	600	500	220	6 140.00
SE1070T	IP65	orange	3CR12 enc. with transparent door	700	600	270	8 070.00
SE1080T	IP65	orange	3CR12 enc. with transparent door	800	600	270	9 760.00
SE1090T	IP65	orange	3CR12 enc. with transparent door	900	700	330	11 900.00
SE1100T	IP65	orange	3CR12 enc. with transparent door	1000	800	330	14 600.00
SE1201T	IP65	orange	3CR12 enc. with transparent door	1200	800	330	16 900.00

Canopy for above enclosures

HC3CR-4	IP65	orange	canopy for stainless steel enclosures			SE1040	954.00
HC3CR-5	IP65	orange	canopy for stainless steel enclosures			SE1050	981.00
HC3CR-6	IP65	orange	canopy for stainless steel enclosures			SE1065	1 090.00
HC3CR-7	IP65	orange	canopy for stainless steel enclosures			SE1070/1080	1 330.00
HC3CR-9	IP65	orange	canopy for stainless steel enclosures			SE1090	1 540.00
HC3CR-10	IP65	orange	canopy for stainless steel enclosures			SE1100/1200	1 760.00

Add "-G" to the end of the above SE.. / HC3CR.. part numbers for grey (RAL7032) enclosures

304 stainless steel enclosures IP65

- Manufactured from high grade SS 304 stainless steel
- Supplied with internal Aluzinc chassis plate (2 mm thick)
- Supplied with bottom SS 304 gland plate and enclosure mounting brackets
- Degree of protection: IP65 (continuous foam gasket)
- Colour: Stainless steel - "brushed" finish

RGS304-30	IP65	S/Steel	SS 304 stainless steel enclosure	350	250	170	3 860.00
RGS304-40	IP65	S/Steel	SS 304 stainless steel enclosure	400	300	220	4 830.00
RGS304-50	IP65	S/Steel	SS 304 stainless steel enclosure	500	400	220	6 560.00
RGS304-65	IP65	S/Steel	SS 304 stainless steel enclosure	600	500	220	9 390.00
RGS304-70	IP65	S/Steel	SS 304 stainless steel enclosure	700	600	270	13 000.00
RGS304-80	IP65	S/Steel	SS 304 stainless steel enclosure	800	600	270	14 500.00
RGS304-93	IP65	S/Steel	SS 304 stainless steel enclosure	900	700	330	19 000.00
RGS304-103	IP65	S/Steel	SS 304 stainless steel enclosure	1000	800	330	22 700.00
RGS304-123	IP65	S/Steel	SS 304 stainless steel enclosure	1200	800	330	27 300.00

Internal door kit for all above enclosures (mild steel)

ID3CR-4	—	white	internal door kit for above enclosures	400	300	170	900.00
ID3CR-5	—	white	internal door kit for above enclosures	500	400	220	1 180.00
ID3CR-6	—	white	internal door kit for above enclosures	600	500	220	1 590.00
ID3CR-7	—	white	internal door kit for above enclosures	700	600	270	2 010.00
ID3CR-8	—	white	internal door kit for above enclosures	800	600	270	2 310.00
ID3CR-9	—	white	internal door kit for above enclosures	900	700	330	2 910.00
ID3CR-10	—	white	internal door kit for above enclosures	1000	800	330	3 400.00
ID3CR-12	—	white	internal door kit for above enclosures	1200	800	330	3 620.00

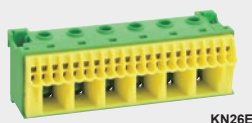


RGS....



RGS....

Enclosure accessories



type		description				price			
Rail mountable earth/neutral terminals (clips vertically onto rail)									
KM13N		rail mountable neutral terminal (blue)			6 x 16 + 7 x 10 mm²	77.00			
KM13E		rail mountable earth terminal (green)			6 x 16 + 7 x 10 mm²	81.00			
Terminal support (clips into various distribution boards)									
KN00A		universal terminal support			DIN-rail mount (horizontal or vertical) 105 mm	52.00			
Distribution terminals (fully insulated clips onto above support)									
Incoming:		1.5..25 mm² screw clamp terminal							
Outgoing:		1.5..4 mm² connect cage clamp terminals (push-in)							
type		supply 1.5..25 mm²	output 1.5..4 mm²	description	colour	price			
KN10E		63A	2 x 25 mm²	8 x 4 mm²	insulated earth terminal (green)	117.00			
KN18E		63A	4 x 25 mm²	14 x 4 mm²	insulated earth terminal (green)	144.00			
KN26E		63A	6 x 25 mm²	20 x 4 mm²	insulated earth terminal (green)	173.00			
KN99E		earth insulated bridge piece for above terminals (push-in)				252.00			
KN10N		63A	2 x 25 mm²	8 x 4 mm²	insulated neutral terminal (blue)	117.00			
KN18N		63A	4 x 25 mm²	14 x 4 mm²	insulated neutral terminal (blue)	144.00			
KN26N		63A	6 x 25 mm²	20 x 4 mm²	insulated neutral terminal (blue)	173.00			
KN99N		neutral insulated bridge piece for above terminals (10pcs)				252.00			
KN10P		63A	2 x 25 mm²	8 x 4 mm²	insulated phase terminal (brown)	117.00			
KN18P		63A	4 x 25 mm²	14 x 4 mm²	insulated phase terminal (brown)	144.00			
KN26P		63A	6 x 25 mm²	20 x 4 mm²	insulated phase terminal (brown)	173.00			
KN99P		phase insulated bridge piece for above terminals (10 pcs)				252.00			
KN04N		90A	4 x 25 mm²	screw clamp	insulated neutral terminal (blue)	72.00			
KN07N		90A	7 x 25 mm²	screw clamp	insulated neutral terminal (blue)	76.00			
KN04P		90A	4 x 25 mm²	screw clamp	insulated phase terminal (brown)	72.00			
KN07P		90A	7 x 25 mm²	screw clamp	insulated phase terminal (brown)	76.00			
Single-pole distribution blocks (fully protected) lcc: 36kA									
• Space saving • IP20 protection • DIN-rail or bolt down mounting • One main cable input - various cable outputs									
type	amps	incoming terminals	outgoing terminals (per phase) mm²				lcc kA	poles	price
KJ02D	125A	1x35/1x16 mm²			6		36	1 pole	585.00
KJ02C	160A	70 mm²			6		36	1 pole	938.00
KJ02A	250A	95 mm²		4	5	2	36	1 pole	1 210.00
KJ02B	400A	150 mm²		4	5	2	36	1 pole	1 310.00
Multi-pole distribution blocks									
• Modular DIN-rail mounting (mounts through modular front cut-out) • 3Ph+N distribution bars in modular format • High fault level • IEC 60947-1									
type	amps	incoming terminals	outgoing terminals (per phase) mm²				lcc kA	poles	price
KJ01A	100A	35 mm²			10	1	29	2 pole	846.00
KJ01B	80A	16 mm²		8			21	4 pole	846.00
KJ01C	125A	35 mm²			10	1	29	4 pole	958.00
KJ01D	160A	50 mm²			8		20	4 pole	2 920.00
KJ02E	125A	25 mm²	5/4*	2/6*			20	4 pole	907.00
* = Neutral terminals									

Panel-mount fans



New



113H1238HA2BMT



SVF114H



FU-9804C2 P2A23

Filter / fan units - Panel mounting

Complete filter fan assembly with fan, mounting frame, removable filter, internal finger guard. Mounts through panel wall or door for simple installation as a ventilator device for electrical cabinets/panels.

- Push-in frame, self locking (*fastening without screws*)
- Permanent sealing gasket in polyurethane foam
- Patented hinged system for easy filter replacement without tools
- Shielded self lubricating ball bearings
- Protection type: IP55

type	voltage (V)	power (W)	noise (dB/A)	air flow (CFM)	dimensions (mm ²)			price
					size	frame	cutout	

Panel mount fan / filter units

IP55

- Fan, mounting frame, removable filter, internal finger guard

AC filter/fans

112H9225HA2BPT	230 VAC	14	32	18	2	109	92	619.00
113H1238HA2BMT	230 VAC	18	42	59	3	145	124	745.00
114H17255HA2BMT	230 VAC	28	51	177	4	202	177	2 320.00
115H1806HA2BMT	230 VAC	47	57	340	5	252	224	2 720.00
116H2208HA2BMT	230 VAC	58	65	476	6	320	292	3 270.00
116H2509HA2BMW	230 VAC	57	64	570	6	320	292	3 620.00
113H1238HA1BMT	110 VAC	18	42	59	3	145	124	745.00
114H17255HA1BMT	110 VAC	28	51	177	4	202	177	2 320.00
115H1806HA1BMT	110 VAC	47	57	340	5	252	224	2 720.00
113H1238HA3BMT	380 VAC	18	42	59	3	145	124	808.00
114H17255HA3BMT	380 VAC	28	51	177	4	202	177	2 640.00
115H1806HA3BMT	380 VAC	47	57	340	5	252	292	2 940.00

DC filter/fans

112H8025MD4BBL	24 VDC	14	36	25	2	109	92	388.00
113H1225XD4BCLS	24 VDC	14	45	41	3	145	124	577.00
115H1724XD4BALS	24 VDC	36	54	136	5	252	224	1 910.00

Exhaust filter - without fan used as a matching air outlet/inlet

- Match size of the filter/fan to achieve optimal ventilation within the cabinet

SVF112H	9225	—	exhaust filter only	2	109	92	168.00
SVF113H	1238	—	exhaust filter only	3	145	124	200.00
SVF114H	1755	—	exhaust filter only	4	202	177	241.00
SVF115H	1806	—	exhaust filter only	5	252	224	441.00
SVF116H	2208	—	exhaust filter only	6	320	292	630.00

Filter / fan units with rain hood

IP55

- Fan, mounting frame, removable filter, internal finger guard, external rain hood

AC filter/fans - (with rain hood)

FU-9801C2 P2A23	230 VAC	20	30	21	1	109	83	920.00
FU-9802C2 P2A23	230 VAC	20	35	35	2	121	95	1 050.00
FU-9803C2 P2A23	230 VAC	21	49	99	3	149	122	1 150.00
FU-9804C2 P2A23	230 VAC	30	56	213	4	204	175	1 750.00
FU-9805C2 P2A23	230 VAC	49	67	592	5	255	223	4 090.00
FU-9806C2 P2A23	230 VAC	50	66	788	6	332	292	5 870.00
FU-9803C2 P2A40	400 VAC	21	49	99	3	149	122	1 080.00
FU-9804C2 P2A40	400 VAC	30	56	2.3	4	204	175	1 640.00

DC filter/fans - (with rain hood)

FU-9801C2 P2D	24 VDC	1.44	42	34	1	109	83	761.00
FU-9802C2 P2D	24 VDC	1.92	44	51	2	121	95	785.00
FU-9803C2 P2D	24 VDC	2.64	48	89	3	149	122	1 100.00

Exhaust filter with rain hood - without fan used as an air outlet/inlet

- Match size of the filter/fan to achieve optimal ventilation within the cabinet

FU9801B P2	—	—	exhaust filter only	1	109	83	533.00
FU9802B P2	—	—	exhaust filter only	2	121	95	574.00
FU9803B P2	—	—	exhaust filter only	3	149	122	664.00
FU9804B P2	—	—	exhaust filter only	4	204	175	765.00
FU9805B P2	—	—	exhaust filter only	5	255	223	1 190.00
FU9806B P2	—	—	exhaust filter only	6	332	292	2 380.00

Panel-mount fans



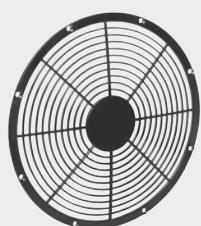
1238XA2BPT



1725XA3BPT



FU9805B P2/P5-220



SF825B



MG-80



SF8...

Frame fans and accessories

- Temperature: -40°C...+60°C
- Shielded self lubricating ball bearing fans

type	voltage (V)	power (W)	noise (dB/A)	air flow (CFM)	dimensions (mm²) size □ (D)			price
AC frame fans only								
8025HA2BPT	230 VAC	14	30	19	1	80	25	420.00
9238HA2BPT	230 VAC	17	38	43	2	92	38	420.00
1238XA2BPT	230 VAC	20	40	93	3	120	38	451.00
1725XA2BPT	230 VAC	40	46	200	4	172 x 150	51	766.00
2206HA2BMT	230 VAC	47	60	450	5	Ø 222	60	1 910.00
2509HA2BMW	230 VAC	57	64	670	6	Ø 255	89	2 630.00
1238XA3BPT	380 VAC	18	40	96	3	120	38	504.00
1725XA3BPT	380 VAC	34	46	200	4	172 x 150	51	891.00
2206HA3BMW	380 VAC	42	60	450	5	Ø 222	60	2 160.00
2509HA3BMW	380 VAC	52	64	670	6	Ø 255	89	2 900.00

DC frame fans - 24V DC (12...27.6 VDC)

8025HD4BBLS	24 VDC	0.80A	41	56	1	80	25	137.00
9225HD4BBLS	24 VDC	0.35A	44	73	2	92	25	152.00
1225HD4BCLS	24 VDC	0.80A	44	100	3	120	25	195.00
1725HD4BALS	24 VDC	2.50A	58	256	4	172 x 150	51	1 160.00

Exhaust filter - without fan

IP55

- Match size of the filter/fan to achieve optimal ventilation within the cabinet

type	accepts fan type	with air duct	external material		dimensions (mm²)			price
					size	frame	cutout	
SVF112H	8025	no	UL94-V0	—	1/2	109	92	168.00
SVF113H	1238	no	UL94-V0	—	3	145	124	200.00
SVF114H	1725	yes	UL94-V0	—	4	202	177	241.00
SVF115H	2206	yes	UL94-V0	—	5	252	224	441.00
SVF116H	2509	yes	UL94-V0	—	6	320	292	630.00

All metallic version (ADC12 aluminium alloy material)

FU9803AM	K1238	—	metal	—	3	149	122	1 700.00
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Panel mount filter units - with rain hood cover

IP55

FU9802B P2	9225	—	PC+UV	—	2	121	95	574.00
FU9803B P2	1238	—	PC+UV	—	3	149	122	664.00
FU9804B P2/P4-172	1725	P4-172	PC+UV	—	4	204	175	837.00
FU9805B P2/P5-220	2206	P5-220	PC+UV	—	5	255	223	1 360.00
FU9806B P2/P6-250	2509	P6-250	PC+UV	—	6	332	292	2 600.00

All metallic version (ADC12 aluminium alloy material)

FU9803BM	1238	—	metal	—	3	149	122	3 390.00
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Finger guards (internal) for fans

type	for fan	colour	material	description	size	H	W	price
SF808B	8025	black	ABS	finger guard	1	80	80	8.20
SF809B	9225	black	ABS	finger guard	2	92	92	8.20
SF812B	1238	black	ABS	finger guard	3	119	119	12.60
SF817B	1725	black	ABS	finger guard	4	172	151	20.80
SF822B	2206	black	ABS	finger guard	5	222	Ø	31.20
SF825B	2509	black	ABS	finger guard	6	259	Ø	43.00
MG-80	8025	chrome	metal	finger guard	1	75	75	10.40
MG-92	9225	chrome	metal	finger guard	2	89	89	10.40
MG-120	1238	chrome	metal	finger guard	3	115	115	15.60
MG-172	1725	chrome	metal	finger guard	4	162	139	20.80
MG-220	2206	chrome	metal	finger guard	5	212	Ø	53.00
MG-250	2509	chrome	metal	finger guard	6	246	Ø	74.00

3-in-1 econo filter - Comprising of frame, low density fabric filter and cover guard

SF808A	8025	black	ABS	3-in-1 air outlet	1	85	85	20.80
SF809A	9225	black	ABS	3-in-1 air outlet	2	96	96	20.80
SF812A	1238	black	ABS	3-in-1 air outlet	3	125	125	31.20
SF817A	1725	black	ABS	3-in-1 air outlet	4	177	156	63.00

Panel-mount fans & heaters



TRT-10A230V-NO



TRT-10A230V-NC



IGR35F



FF12A230UF



FF12A230UF



FF20A230UE



HWM030



HTM060

TRT series - Mechanical bimetal thermostats *(used to control temperatures within enclosures)*

Bimetal thermostats used to control temperatures inside enclosures. Suitable for different applications, available with closed-on-rise (NO) or open-on rise (NC) contact for regulation of heating and ventilation equipment or for switching signalling devices.

- Compact dimensions - (H) 68 x (W) 29 x (D) 45 mm
- Enclosure PA66 self-extinguishing to UL 94V-0
- DIN-rail mountable
- IP20 protected screw terminals
- Applied standards EN 60730-1, UL approved UL873 and C22.2

type	temperature range	contact	description		price
Thermostats 1					
TRT-10A230V-NO	-10 - +80°C	1 x NO	DIN-rail mount panel thermostat	(blue knob)	294.00
TRT-10A230V-NC	-10 - +80°C	1 x NC	DIN-rail mount panel thermostat	(red knob)	292.00

IGR series - Mechanical hygrometer

Mechanical hygrometers automatically regulate humidity inside enclosures, triggering a heater or fan when a preset relative humidity is exceeded. To prevent condensation on electric and electronic components the relative humidity is raised above the dew point.

IGR35F	10 - 90% RH	ch/over	DIN-rail mounting panel hygrometer	1 330.00
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Panel ventilation 2

FF series - Complete fan-filter units *(IP54)*

Compact design, snap-on mounting, integrated sealing gasket preventing dust and water penetration. Ideal for all panel ventilation applications.

- Complete fan with mounting frame, removable filter and metal finger guard
- Screwless mounting (*simply clips into panel cut-out*)
- Plastic parts self extinguishing to UL 94V-0
- Permanent sealing gasket in polyurethane foam
- Shielded self lubricating ball bearing fans
- Filter replaceable from the front removable grill

type	voltage (V)	power (W)	air flow (m³/h)	noise (dB/A)	description		dimensions (mm²) frame cutout		price
FF08A230UN	230 VAC	10	10	33	complete fan filter		107	92	806.00
FF12A230UF	230 VAC	18	45	49	complete fan filter		150	124	830.00
FF15A230UF	230 VAC	32	230	50	complete fan filter		250	223	2 000.00
FF20A230UE	230 VAC	79	460	66	complete fan filter		325	291	3 540.00

Outlet filter grill/frame *(without fan)*

FF08U	outlet/filter	separate panel mount ventilation unit	107	92	217.00
FF12U	outlet/filter	separate panel mount ventilation unit	150	124	220.00
FF15U	outlet/filter	separate panel mount ventilation unit	250	223	420.00
FF20U	outlet/filter	separate panel mount ventilation unit	325	291	688.00

Panel heaters *(anti-condensation)* 3 15W - 400W

For the thermo regulation of electrical cabinets. The heaters consist of a self-extinguishing PTC element in a black anodized aluminium DIN-rail mountable housing.

- Compact dimensions - DIN-rail mounting
- Self-regulating PTC resistance
- Screw terminal connection *(15/30W heaters supplied with 500 mm cable)*
- Voltage range: 110...250 VAC
- Complies with standards: IEC/EN 60335-1 and IEC 60004-1

type	heating power	current mA	description		dimensions (mm) (H) (W) (D)			price
HWM015	15 W	65	DIN-rail mount panel heater		78	28	49	829.00
HWM030	30 W	130	DIN-rail mount panel heater		108	28	49	829.00
HTM060	60 W	260	DIN-rail mount panel heater		138	62	85	1 160.00
HTM100	100 W	475	DIN-rail mount panel heater		188	62	85	1 490.00
HTM150	150 W	770	DIN-rail mount panel heater		238	62	85	1 690.00

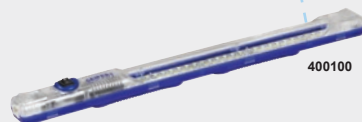
Panel-mount fans & lamps



TP19U230B54



FLL-C3006UITB



400100

TP series - Roof mount exhaust fan units ④

Roof exhaust fan units used to directly extract heat from the upper region of the cabinet facilitating effective internal air flow. Equipped with a high-head radial fan.

- Mounting via 8 x Ø4 mm screws (*mounts through 175 mm² cutout*)
- Plastic parts in PC/ABS alloy and aluminium self extinguishing to UL 94V-0
- Permanent sealing gasket in polyurethane foam
- Compact dimensions, height: total 94 mm / hood 62 mm
- Colour: RAL 7035 (*others colours available on request*)

type	voltage (V)	power (W)	air flow (m ³ /h)	noise (dB/A)	description	dimensions (mm) (H) (W) (D)			price
Exhaust Fan (roof mount) IP24									
TP19U230B	230 VAC	70	500	68	roof exhaust fan	324	324	94	3 340.00
Exhaust Fan (roof mount) IP54									
TP19U230B54	230 VAC	70	420	68	roof exhaust fan	324	324	94	3 810.00

LED Lamp for switchboards ⑤

During maintenance and inspection on switchboards it is essential for to have a good level of lighting LEDs provides effective illumination within electrical cabinets at significantly low consumption. Switching via a mounted switch or version with a PIR sensor which detects motion within 120° radius with delayed auto off with no detected presence.

type	power	supply voltage	description	dimensions (mm) (H) (W) (D)			price
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Fandis FLL series - Panel lamps

Termination is via "push-in" cage clamp terminals on both sides with an incorporated release button. Magnetic fastening for simple positioning on metallic surfaces (*with optional magnet set*). Lamp rotates to six different positions on base (*max. to 40°*)

- LED light output: 600 lm (*luminous flux*), 120°, daylight, colour temperature 7100K
- Operating temp: -30 to +60°C
- Lifetime: 160000 h at 25°C

FLL-C3006USTB	5 Watt	20...230V AC/DC	LED panel lamp with switch	32	356	48	1 900.00
FLL-C3006UITB	5 Watt	20...230V AC/DC	LED lamp with PIR sensor	32	356	48	1 830.00
FLL-2MA	magnet	magnet mounting kit for lamps (2 magnets)					158.00

Seifert SL 4000 series - Panel lamps

Termination via 2 pin latching plug (*supplied separately*) on both ends of the lamp. Mounting is via supplied mounting clips or incorporated magnets for simple positioning on metallic surfaces.

400100	4 Watt	24...265V AC/DC	LED panel lamp with switch	32	350	28	1 510.00
400000	4 Watt	24...265V AC/DC	LED panel lamp with sensor	32	350	33	1 800.00
91.921.3053.0	white	female connector plug for panel lamps		18	53	14	83.00
91.922.3053.0	white	male connector plug for panel lamps		18	53	14	77.00

Systems & components for enclosures



Cabinet air conditioning



850600001



42740001



43050001



TG 3102-24V

SlimLine Pro - 8500 series - Cabinet cooling units

SlimLine Pro series cabinet cooling air conditioners feature an innovative one man mounting system permitting screwless installation with maintenance free operation due to the eco-friendly filter-less construction. The compact, slim construction combined with modern design features provide excellent size to performance ratio to meet modern day requirements. Providing improved cooling performance ensuring total reliability in all industrial applications.

- Innovative mounting system (*screwless, one man mounting*)
- Simplified panel cutout (*ease mounting even further*)
- Integrated condensate evaporation
- Temperature range 10°C to 60°C
- Standard material powder coated mild steel housing RAL 7035 (*light grey*)
- Compliance to NEMA / UL type 3, 3R, 12, 4 und 4X.
- Can be mounted external or recessed (*with only 35-50 mm protruding*) into the panel

type	cooling capacity L35L35	supply voltage	description	dimensions (mm)				price
				(H)	(W)	(D)	Ext.	
SlimLine Pro - 8500 series				IP56				
850600001	670 W	230 VAC	panel air conditioner	600	250	135	(25)	38 300.00
850800001	825 W	230 VAC	panel air conditioner	950	305	210	(35)	45 000.00
851200001	1.2 kW	230 VAC	panel air conditioner	950	305	210	(35)	46 800.00
851500001	1.5 kW	230 VAC	panel air conditioner	1350	395	210	(35)	62 600.00
852000001	2.0 kW	230 VAC	panel air conditioner	1350	395	210	(35)	68 400.00
852500001	2.5 kW	230 VAC	panel air conditioner	1350	395	210	(35)	74 200.00
854000001	4.0 kW	230 VAC	panel air conditioner	1550	455	270	(50)	102 000.00

SlimLine series - Filterless technology air conditioners

SlimLine series air conditioners provide maximum power-to-size ratio compatible with market standards ensuring simple integration with cabinet systems. Designed to operate with minimum maintenance, due to eco-friendly filter-less construction. Wide-ribbed aluminium condenser provides improved cooling performance ensuring total reliability in all industrial applications.

- Compressor type: Rotary piston compressor
- Mounting: Internal / External

42660001	320 W	230 VAC	panel air conditioner	520	270	110	(25)	32 200.00
42700001	600 W	230 VAC	panel air conditioner	810	395	145	(25)	47 000.00
42710001	820 W	230 VAC	panel air conditioner	980	395	145	(25)	50 700.00
42720001	1100 W	230 VAC	panel air conditioner	1250	395	145	(25)	58 200.00
42740001	1500 W	230 VAC	panel air conditioner	1550	395	145	(25)	66 800.00

SlimLine TOP series - Top mounted filterless air conditioners

- Compressor type: Rotary piston compressor

45550001	1100 W	230 VAC	roof mount air conditioner	400	600	400	—	60 800.00
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ComPact series - Economical all-round systems

ComPact series air conditioners optimise high efficiencies with outstanding COP values throughout the range, the built-in controller displays temperature, operating status and can be simply adjusted. Surface treated condenser with high fin separation provide virtually maintenance free service.

- Operating temp. range: 20°C...55°C
- Compressor type: Reciprocating compressor
- Mounting: External mounting
- Colour: RAL 7035 (*other colours available on request*)

43040001	320 W	230 VAC	panel air conditioner	500	280	200	—	26 400.00
43050001	550 W	230 VAC	panel air conditioner	650	315	260	—	28 400.00
43100001	1000 W	230 VAC	panel air conditioner	650	315	260	—	35 000.00
43150001	1500 W	230 VAC	panel air conditioner	980	395	260	—	44 900.00
43200001	2000 W	230 VAC	panel air conditioner	980	395	260	—	51 000.00

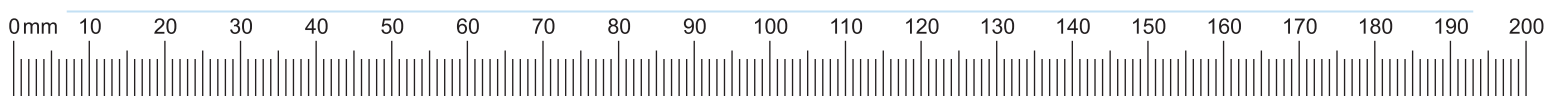
TG series - Thermoelectric cooling units - for cooling enclosures or electronic components

Thermoelectric cooling units are an effective solution for the cooling of enclosures. Energy transferred heat without the use of hazardous gases or liquids. Thermoelectric modules (*Peltier modules*), permitting heat absorption from one side (*cold side*) and heat expulsion to the ambient from the other side.

- External or recessed mounting in almost any position (*except roof mounting*)
- Suitable for indoor and outdoor application, ingress protection rating of IP66
- Stainless steel AISI 304 (V2A)
 - Maintenance free
 - Easy installation

type	voltage (V)	cooling power	rated current	cutout (mm)	dimensions (mm)			price
					(H)	(W)	(D)	
SoliTherm Peltier - Panel cooling units				Temperature range: -20°C...+65°C				
TG 3102-24V	24 VDC	100W	4.8A	260 x 160	304	200	138	22 800.00
TG 3200-24V	24 VDC	200W	9.0A	370 x 155	400	180	171	34 700.00

Notes



SCAME

VIA COSTA ERTA, 15

24020 PARRE BG ITALY

3P+T-IP44-16A-6h/380-415V~50/60Hz MADE IN ITALY 400

