



Redline

ED.05

Residential enclosures: Metal and Insulated plastic enclosures

Just feel protected



GE imagination at work

Metal enclosures

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- F.3 Surface mounting - **Fix-o-Rail Metal Standard**
- F.3 Surface mounting - **Fix-o-Rail 150 M**
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- F.6 Surface mounting - **Modular 200 - Type B**
- F.10 Surface mounting - **Fix-o-Rail Senior**
- F.12 Surface & flush mounting - **Fix-o-Rail 144**

Insulated plastic enclosures

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- F.18 Surface mounting - **Fix-o-Rail Classic**
- F.22 Surface mounting - **Fix-o-Rail Junior**
- F.24 Surface mounting - **Consumer unit**
- F.30 Surface mounting - **Abaco S**
- F.32 Surface mounting - **Fix-o-Rail 150**
- F.36 Surface mounting - **Fix-o-Rail 55**
- F.38 Surface & flush mounting - **Europe Line**
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A

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B

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Enclosures

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Record Plus

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Numerical Index

X

protected



Surface mounting



Fix-o-Rail Metal Design



Fix-o-Rail Metal Standard - Fix-o-Rail 150 M

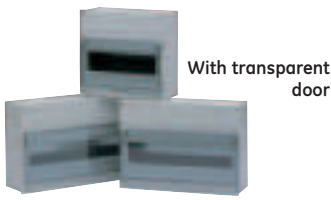
Common features

- For surface mounting
- Suitable for DIN-rail mounting devices up to 70 mm as MCB's, RCCB's, relays, switches, timers, contactors, etc.
- Manufactured from panel flat quality mild steel, cold reduced CR4 from 1.0 mm
- Pre-treated prior to powder coating, fully immersed in iron phosphate solution
- Electrostatic powder coating on a continuous line base colour RAL 7035
- Slotted fixing holes on the base permit all adjustment
- Earth and neutral fitted to the base, each terminal being able to accept a 16 mm² stranded round conductor
- With DIN-rails
- Earth and neutral terminals standard
- Distance between two DIN-rails: 150 mm
- Generous wiring room
- With plain grey or transparent door
- Door opens 180°

Marking



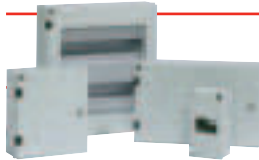
Fix-o-Rail Metal Design



	H x W x D (mm)	Equipment		Number of modules	Ref. No.	Pack.
With transparent door	208 x 220 x 108	Earth bar: connection 8 x 16 mm ² Neutral bar: connection 8 x 16 mm ²		10	618442	1
	208 x 292 x 108	Earth bar: connection 12 x 16 mm ² Neutral bar: connection 12 x 16 mm ²		14	618443	1
	208 x 370 x 108	Earth bar: connection 16 x 16 mm ² Neutral bar: connection 16 x 16 mm ²		18	618444	1

Knockouts

	Side (mm)	Top and bottom (mm)	Rear (mm)	Number of modules
Knockouts	1x32	4x20 and 2x25	2x42	10
	1x32	6x20 and 2x25	2x42	14
	1x32	9x20 and 2x25	2x42	18



4 modules without door with plain grey door

Fix-o-Rail Metal Standard

	H x W x D (mm)	Equipment		Number of modules	Ref. No.	Pack.
4 modules without door with plain grey door	208 x 112 x 85	Earth bar: connection 3 x 16 mm ²		4	618910	1
	208 x 112 x 110	Earth bar: connection 3 x 16 mm ²		4	618911	1

8 modules with plain grey door

8 modules with plain grey door	208 x 112 x 110	Earth bar: connection 8 x 16 mm ² Neutral bar: connection 8 x 16 mm ²		8	618923	1
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12 modules with plain grey door with transparent door

12 modules with plain grey door with transparent door	270 x 322 x 110	Earth bar: connection 12 x 16 mm ² Neutral bar: connection 12 x 16 mm ²		12	618929	1
	270 x 322 x 110	Earth bar: connection 12 x 16 mm ² Neutral bar: connection 12 x 16 mm ²		12	618930	1

24 modules with plain grey door with transparent door

24 modules with plain grey door with transparent door	450 x 322 x 110	Earth bar: connection 16 x 16 mm ² Neutral bar: connection 2(12 x 16 mm ²)		24	618969	1
	450 x 322 x 110	Earth bar: connection 16 x 16 mm ² Neutral bar: connection 2(12 x 16 mm ²)		24	618970	1

Knockouts

	Top and bottom (mm)	Rear (mm)	Number of modules
Knockouts	1x25	2x25	4
	2x25 and 4x20	2x42	8
	2x25 and 6x20	4x42	12
	2x20 and 2x25	6x42	24

Fix-o-Rail 150 M



With plain grey door

	H x W x D (mm)	Equipment		Number of modules	Ref. No.	Pack.
With plain grey door	270 x 430 x 110	Earth bar: connection 16 x 16 mm ² Neutral bar: connection 16 x 16 mm ²		18	618938	1
	450 x 430 x 110	Earth bar: connection 2(16 x 16 mm ²) Neutral bar: connection 2(16 x 16 mm ²)		36	618941	1
	600 x 430 x 110	Earth bar: connection 3(16 x 16 mm ²) Neutral bar: connection 3(16 x 16 mm ²)		54	618944	1
	750 x 430 x 110	Earth bar: connection 4(16 x 16 mm ²) Neutral bar: connection 4(16 x 16 mm ²)		72	618947	1

With transparent door

With transparent door	270 x 430 x 110	Earth bar: connection 16 x 16 mm ² Neutral bar: connection 16 x 16 mm ²		18	618939	1
	450 x 430 x 110	Earth bar: connection 2(16 x 16 mm ²) Neutral bar: connection 2(16 x 16 mm ²)		36	618942	1
	600 x 430 x 110	Earth bar: connection 3(16 x 16 mm ²) Neutral bar: connection 3(16 x 16 mm ²)		54	618945	1
	750 x 430 x 110	Earth bar: connection 4(16 x 16 mm ²) Neutral bar: connection 4(16 x 16 mm ²)		72	618948	1

Knockouts

	Top and bottom (mm)	Rear (mm)	Number of modules
Knockouts	2x25 and 9x20	4x42	18
	2x25 and 9x20	6x42	36
	2x25 and 9x20	8x42	54
	2x25 and 9x20	10x42	72



A

B

C

D

E






F

G

X



Metal enclosures surface mounting MCB Distribution Board - Type A

-  Total safety
-  Complete
-  Time-saving features
-  High quality
-  Great design

Applications



Marking



Performance

Incomer ratings	(A) 100 (main switch) 80 (RCD)
RCD sensitivity	(mA) 30
Rated voltage	(V) 240
Busbar rating	(A) 100
Busbar short-circuit capacity	(kA) 16
Terminal capacity	(mm ²) 50 (main switch/RCD) (mm ²) 25 (E+N terminal bars)
Enclosure colour	Light grey (RAL7035)
Ingress protection	IP40

Features

- In accordance with BS5486 and BS EN 60439-3
- Sturdy folded sheet steel construction
- Durable structured powder coated finish
- Matching light grey used throughout range
- Phase busbar rating 120A
- Incoming device cable terminal capacity 50mm²
- Terminal bar cable capacity 25mm²
- Shrouded neutral terminal bar
- Generous wiring room even using 1 module RCBO
- Comprehensive range of incomers
- Pre assembled ready to accept MCBs and RCBOs
- DIN enclosure option so you can "design it yourself"



Modular 200 - Type A - MCB Distribution Board

	No of outgoing ways	H x W x D (mm) (code)	Terminal Capacity	Ref. No.	Pack.
Main Switch – 2P 100A	6	270x368x127 (A)	50mm ²	617971	1
	9	270x412x127 (B)	50mm ²	617972	1
	13	270x484x127 (C)	50mm ²	617973	1
RCD – 2P 80A 30mA	6	270x368x127 (A)	50mm ²	619974	1
	9	270x412x127 (B)	50mm ²	619975	1
	13	270x484x127 (C)	50mm ²	619976	1
Split Load – 2P 100A Main Switch, 2P 80A 30mA RCD	10	270x412x127 (B)	50mm ²	619977	1
	10	270x412x127 (B)	50mm ²	619978	1
	14	270x484x127 (C)	50mm ²	619979	1
DIN Enclosure	10	270x368x127 (A)	-	617957	1
	14	270x412x127 (B)	-	617958	1
	18	270x484x127 (C)	-	617959	1

Accessories

	Clean earth kit	
	617960	1

Modular 200 Type A

A

B

C

D

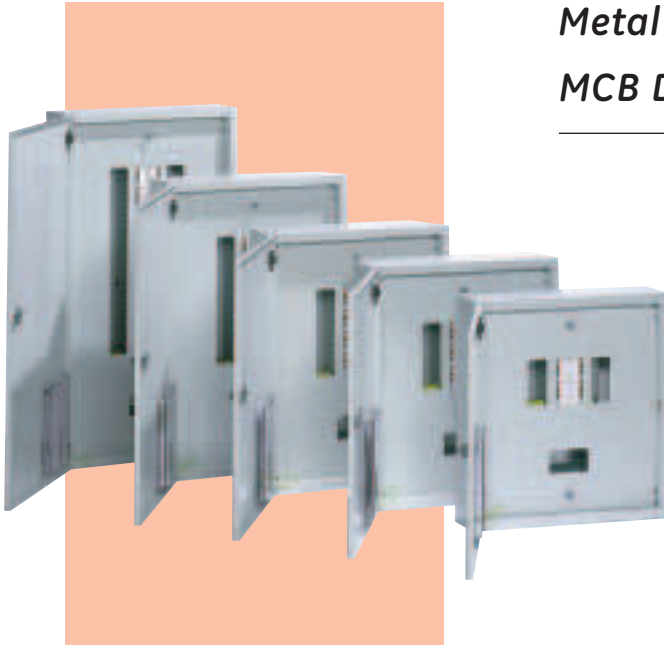
E

F






G

X





Metal enclosures surface mounting MCB Distribution Board - Type B

-  Total safety
-  Complete
-  Time-saving features
-  High quality
-  Great design

Applications



Marking



Performance

Busbar rating	(A)	200
Busbar short circuit capacity	(kA)	16
Rated voltage	(V)	415
Earth+Neutral out terminal capacity	(mm ²)	25
Earth+Neutral incoming cable capacity	(mm ²)	70
No of 3 Pole ways		4, 6, 8, 12, 18, 24
Ingress protection		IP40
Enclosure colour		RAL 7035

Features

- In accordance with BS5486 and BS EN 60439-3
- Durable powder coated finish
- Matching light grey throughout the range
- All incomers benefit from positive contact indication
- Modular extension boxes to install modular control devices
- Pan assembly can be easily removed to ease installation
- One piece (no welds or rivets) phase busbar - NO hot spots!
- Ample space behind pan assembly aids wiring installation
- Split terminal bars to reduce wiring installation time
- Neutral disconnect as standard to aid speedy testing
- Doors can be removed to ease installation
- Sturdy folded sheet steel construction
- Accepts 6kA, 10kA and 15kA MCB's
- Generous wiring room even when using 1 module RCBO
- Clean earth facility available on request
- Reversible doors (left or right mounting)
- Door can be equipped with a security lock
- Documentholder included
- Door on all units with bounding conductors

Dimensions ● pg. F.57



Components

Type B distribution boards

Extension box can be added to install control devices and is applied with cross-bar support.

Clean earth facility can be site installed using the knockouts provided for computer installations.

Pan assembly is raised with ample space behind to facilitate wiring.

Compatibility with standard 6 kA, 10 kA and 15 kA MCB's. Pan assembly can be easily removed to reduce installation time.

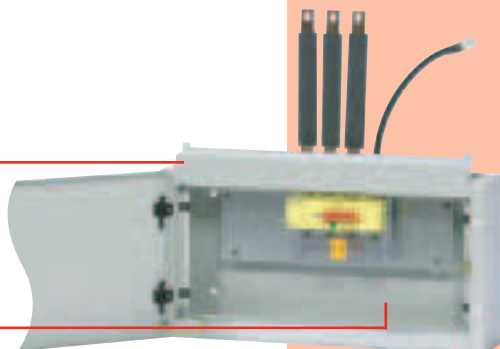
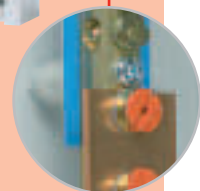
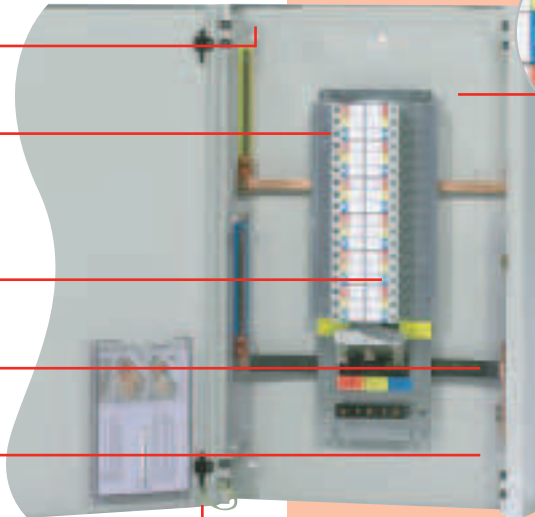
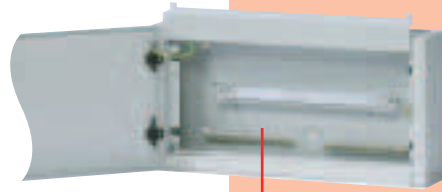
Shrouded neutral bar(s) for increased safety.

Quick neutral disconnect facility as standard aids speedy testing.

Unique hinges allow door(s) to be opened to 180° within board width, permitting boards to be fitted directly adjacent.

Cross bar supports are supplied with add-on incomers. Full fitting instructions and top plate are supplied with the main board.

Comprehensive range of incomers up to 200A - all with positive contact indication.



A

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C

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X

Modular 200 - Type B - Distribution boards (pan assembly included)



No of 3P ways	Busbar rating	Terminals included 25mm ²		Ref. No.	Pack.	H x W x D (mm) (code)
		Neutral	Earth			
4	200A	18	18	619100	1	534x135x500 (A)
6	200A	18	18	619101	1	588x135x500 (B)
8	200A	27	27	619102	1	642x135x500 (C)
12	200A	36	36	619103	1	750x135x500 (D)
18	200A	54	54	619104	1	912x135x500 (E)
24	200A	72	72	619122	1	1136x135x500 (F)

Accessories



Integral incomer kits
 Suitable for internal fitting in all type B MCB distribution boards
 - Switch disconnectors acc. BS EN 60947-3
 - RCCB acc. BS 4293 and BS EN 61008
 - All incomer kits complete with copper links and shroud as appropriate.

Switch disconnectors	
100A - 3P	619111 1
Terminal capacity: 50mm ²	
125A - 3P	619114 1
Terminal capacity: 50mm ²	
125A - 4P	619124 1
Terminal capacity: 50mm ²	



RCD Main switch	
100A - 4P - 30mA RCD	619119 1
Terminal capacity: 50mm ²	
100A - 4P - 100mA RCD	619112 1
Terminal capacity: 50mm ²	
100A - 4P - 300mA RCD	619113 1
Terminal capacity: 50mm ²	
100A - 4P - 100mA time delayed RCD	619120 1
Terminal capacity: 50mm ²	



MCB Main switch	
63A - 3P	619605 1
Terminal capacity: 35mm ²	
100A - 3P	619606 1
Terminal capacity: 70mm ²	



Direct connection kit	
200A - 3P	619115 1
Terminal capacity: 95mm ²	

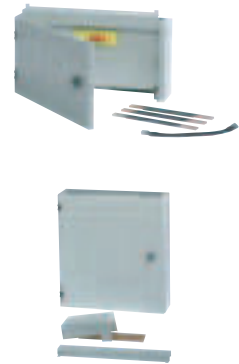


Single phase conversion kit	
100A - 1P+N	618300 1
Terminal capacity: 50mm ²	



Add-on incomer extension kits
 Suitable for add-on extension of all type B MCB distribution boards
 - Add-on extension module housing incoming device to permit full current carrying capacity (200A) of all type B MCB distribution boards.
 - All incomer modules are supplied complete as enclosure, incoming device, solid copper links and shroud.
 - Terminal capacity:- standard palm: 70 mm²
 - narrow palm: 150 mm²

Switch disconnector Dilos	
200A - 4P - 250x135x500 mm (G)	619110 1
MCCB non auto Record Plus	
200A - 3P - 500x135x500 mm (H)	619107 1
TP automatic MCCB Record Plus	
200A - 3P - 500x135x500 mm (H)	619109 1
TP MCCB with RCD Record Plus	
200A - 3P - 500x135x500 mm (H)	619108 1



Add-on extension modules
 - All equipment extension modules supplied with coupling cross-bar support.
 - Modular devices extension modules suitable for all modular DIN-rail.
 - Modular devices extension module complete with earth and neutral bars (enables module to be used as single phase board).
 - Spreader box extension module designed for extra space where larger incoming cables are used.

18 module modular devices	
Dimension code G	619105 1
Modular spreader box	
Dimension code G	619106 1
Heavy duty gland plate 2mm thick	
	619116 1



Accessories (continued)



Busbar shroud		
	619018	10

3 module busbar shroud for unused ways preformed in 1 module widths.

Security		
	610063	1

Ronis security door lock supplied with two keys



Blank plate		
	610142	4

length: 72 mm
cut out width : 45 mm
can be cut into 9 mm lenght
RAL 7035

Safety		
	624929	2

MCB padlocking bracket
(padlocks not supplied)



Clean earth facility		
	619118	1

can be fitted for
increased flexibility

A

B

C

D

E

F

G

X



Metal enclosures Surface mounting

Fix-o-Rail Senior

☐ IP41

Features

- **Secure: total insulation** ☐
Double wall: a steel outer wall plus an inner insulated extruded wall
- Protection degree: IP41-IPK08
- Universal: for DIN-rail equipment up to 92.5 mm
- Installation friendly: ample wiring room and a removable mounting frame
- Flexible cable entries, integrated in the base

Components

The Fix-o-Rail Senior enclosure includes:

- base in RAL 9002
- mounting frame
- labels for circuit indication
- coverplates
- a transparent or grey door in RAL 9002
- closed by handle without lock
- padlocking option



Approvals / Marking



Applications





As an elegant insulated enclosure in:

- restaurants and hotels
- workshops
- hospitals
- shopping centers
- offices
- commercial buildings
- leisure and sport locations




Fix-o-Rail Senior

	H x W x D (mm)	Number of modules	Number of rows	Ref. No.	Pack.
	650 x 300 x 210	48	4	610239	1
	800 x 300 x 210	60	5	610248	1
	650 x 550 x 210	96	4	610240	1
	800 x 550 x 210	120	5	610249	1
	950 x 550 x 210	144	6	610257	1
	<div style="background-color: red; color: white; padding: 2px;">New</div>	1100 x 550 x 210	168	7	610241
	1250 x 550 x 210	192	8	610242	1
	1100 x 800 x 210	252	7	610243	1
	1250 x 800 x 210	288	8	610244	1
	650 x 300 x 210	48	4	610328	1
	800 x 300 x 210	60	5	610330	1
	650 x 550 x 210	96	4	610329	1
	800 x 550 x 210	120	5	610331	1
	950 x 550 x 210	144	6	610332	1

Dimensions ● pg F.57

Accessories

	<p>4 pole terminals</p> <table border="1"> <tr> <td>610022</td> <td>18</td> </tr> </table> <p>63A Connection range 4 x (10 x 16 mm²) Cu section 6,5 x 9 mm</p>	610022	18	<p>Standard plates</p> <table border="1"> <tr> <td>815094</td> <td>1</td> </tr> </table>	815094	1																					
610022	18																										
815094	1																										
	<table border="1"> <tr> <td>617992</td> <td>5</td> </tr> </table> <p>160 A with cover 4x (1 x 10 to 50 mm² incoming + 3 x 6 to 35 mm² + 8 x 2.5 to 16 mm² outgoing) Cu section 12 x 10 mm</p>	617992	5	<p>Pre-drilled plates</p> <table border="1"> <tr> <td>815093</td> <td>5</td> </tr> <tr> <td>815092</td> <td>5</td> </tr> </table> <p>17 x PG13.5 1 x PG21 - PG48 / 2 x PG13.5 2 x PG29 / 4 x PG13.5</p>	815093	5	815092	5																			
617992	5																										
815093	5																										
815092	5																										
	<table border="1"> <tr> <td>610020</td> <td>1</td> </tr> </table> <p>160A connection range 4 x (10 x 10mm²) Cu section 12 x 5 mm</p>	610020	1	<p>Label for circuit indication</p> <table border="1"> <tr> <td>610232</td> <td>10</td> </tr> <tr> <td>610233</td> <td>10</td> </tr> <tr> <td>610238</td> <td>10</td> </tr> </table> <p>For enclosure width 300 mm For enclosure width 550 mm For enclosure width 800 mm</p>	610232	10	610233	10	610238	10																	
610020	1																										
610232	10																										
610233	10																										
610238	10																										
	<p>Protective shroud</p> <table border="1"> <tr> <td>610021</td> <td>1</td> </tr> </table> <p>For 160A terminal (ref. 610020)</p>	610021	1	<p>Pocket for drawings</p> <table border="1"> <tr> <td>832000</td> <td>1</td> </tr> </table> <p>Self adhesive To be fitted on the innerside of the door W x H = 155 x 225</p>	832000	1																					
610021	1																										
832000	1																										
	<p>Earth bar</p> <table border="1"> <tr> <td>828152</td> <td>1</td> </tr> <tr> <td>828153</td> <td>1</td> </tr> <tr> <td>828149</td> <td>1</td> </tr> </table> <p>For enclosure width 300 mm - length 190mm For enclosure width 550 mm - length 437mm For enclosure width 800 mm - length 684mm</p>	828152	1	828153	1	828149	1	<p>Non standard lock</p> <table border="1"> <tr> <td>487/089000-016</td> <td>815105</td> <td>1</td> </tr> </table> <p>Adaptor kit</p> <p style="text-align: center;">+</p> <table border="1"> <tr> <td>451/070152-061</td> <td>811327</td> <td>1</td> </tr> </table> <p>Insert 3 mm double bit key</p>	487/089000-016	815105	1	451/070152-061	811327	1	<p>The standard handle can be replaced by adaptor kit + insert or handle</p>												
828152	1																										
828153	1																										
828149	1																										
487/089000-016	815105	1																									
451/070152-061	811327	1																									
	<p>Cover strip</p> <table border="1"> <tr> <td>828056</td> <td>1</td> </tr> </table> <p>For cut out of 45 mm</p>	828056	1	<table border="1"> <tr> <td>451/070152-051</td> <td>811326</td> <td>1</td> </tr> </table> <p>Insert 8 mm triangle key</p>	451/070152-051	811326	1																				
828056	1																										
451/070152-051	811326	1																									
<p>Adaptor kit = A + B + C</p> 	<table border="1"> <tr> <td>451/070152-041</td> <td>811325</td> <td>1</td> </tr> </table> <p>Insert 8 mm square key</p> <table border="1"> <tr> <td>451/070158-011</td> <td>811331</td> <td>1</td> </tr> </table> <p>Cylinder with 2 keys V2432-E</p> <table border="1"> <tr> <td>485/087000-014</td> <td>813146</td> <td>1</td> </tr> </table> <p>Neutral handle</p> <table border="1"> <tr> <td>485/087000-023</td> <td>813156</td> <td>1</td> </tr> </table> <p>Handle with key V2432-E</p>	451/070152-041	811325	1	451/070158-011	811331	1	485/087000-014	813146	1	485/087000-023	813156	1	<table border="1"> <tr> <td>451/070152-041</td> <td>811325</td> <td>1</td> </tr> </table> <p>Insert 8 mm square key</p> <table border="1"> <tr> <td>451/070158-011</td> <td>811331</td> <td>1</td> </tr> </table> <p>Cylinder with 2 keys V2432-E</p> <table border="1"> <tr> <td>485/087000-014</td> <td>813146</td> <td>1</td> </tr> </table> <p>Neutral handle</p> <table border="1"> <tr> <td>485/087000-023</td> <td>813156</td> <td>1</td> </tr> </table> <p>Handle with key V2432-E</p>	451/070152-041	811325	1	451/070158-011	811331	1	485/087000-014	813146	1	485/087000-023	813156	1	
451/070152-041	811325	1																									
451/070158-011	811331	1																									
485/087000-014	813146	1																									
485/087000-023	813156	1																									
451/070152-041	811325	1																									
451/070158-011	811331	1																									
485/087000-014	813146	1																									
485/087000-023	813156	1																									



Metal enclosures

Fix-o-Rail 144 F (flush mounting)

Fix-o-Rail 144 S (surface mounting)

IP40

Features

- In accordance with EN60439-1 and EN/IEC 439-1
- Protection degree: IP40 – IK07 without door
IP40 – IK08 with plain door
IP40 – IK07 with transparent door
- Each DIN-rail can be equipped with 24 modules
- Centre distance between two DIN-rails: 150 mm
- Flush mounting depth: 105 mm
- Can be equipped with the Record Plus 160A D-frame
- Colour: RAL 7035

Electrical properties

- Designated voltage: 415Vac
- Designated current: 160A

Masking frame and door

- Ridged masking frame
- Manufactured in quality mild steel of 1 mm thick, cold reduced
- Pre-treated prior to electrostatic powder coating in RAL 7035 (light grey)
- Transparent or plain door

Protection plate

- Made from PVC
- Easy fixations with 1/4 screws

Base

- Ridged base (mono-block)
- Manufactured in sendzimir zinc plated steel of 1 mm thick (F.O.R 144F)
- Sidewalls foreseen with position lugs (F.O.R 144F)
- Pre-treated prior to electrostatic powder coating in RAL 7035, light grey (F.O.R 144S)
- Knock-outs in the upper, lower and the bottom side of the base
- Fixing points for the fixation of cables with cable ties

Mounting frame

- Ridged and removable mounting frame
- Adjustable in depth (+/-20mm) (F.O.R 144F)
- Adjustable left or right (+/-10mm) (F.O.R 144F)
- Distance between two DIN-rails: 150 mm

Door

- Transparent or plain door, security lock included

Earth bar (L = 380 mm)

- Copper bar, 12x5 mm, 18 x M5 threaded holes + connectors and screws

Advantages

- Suitable for DIN-rail mounting devices up to 70 mm as MCB's, RCD's, relays, ...
- Door, transparent or plain easy to install (optional)
- Generous wiring room
- Easy to install
- Earth terminal can be installed on the upper and the lower side of the base
- Removable mounting frame
- Easy removable protection plates
- Electrostatic powder coating RAL 7035
- Flush mounting depth base 105 mm
- Can be equipped with wiring trunks (W x H): 15x40 mm, 25x40 mm, 40x40 mm, 60x40 mm

Components

The enclosure packaging includes:

- Base
- Mounting frame
- Earth terminal
- Protection plate
- Masking frame
- User instructions

The door packaging includes:

- Plain or transparent door
- Security lock
- Hinges
- Earth continuity set
- User instructions



Fix-o-Rail 144-F - Flush mounting enclosures without door ⁽¹⁾

Included ref. 617965 = an earth terminal: copper bar 12 x 5 mm, 18 threaded holes M 5, connectors and screws



H x W x D (mm)	Number of modules	Number of rows	Power dissipation (W)		Ref. No.	Pack.
			Without door	With door		
650 x 740 x 140 ⁽¹⁾ 560 x 610 x 105 ⁽²⁾	72	3	140	83	617934	1



800 x 740 x 140 ⁽¹⁾ 710 x 610 x 105 ⁽²⁾	96	4	152	95	617935	1
--	----	---	-----	----	--------	---



950 x 740 x 140 ⁽¹⁾ 860 x 610 x 105 ⁽²⁾	120	5	164	110	617936	1
--	-----	---	-----	-----	--------	---



1100 x 740 x 140 ⁽¹⁾ 1010 x 610 x 105 ⁽²⁾	144	6	176	116	617937	1
--	-----	---	-----	-----	--------	---



Equipped with function for Record Plus 160A D-frame

1100 x 740 x 140 ⁽¹⁾ 1010 x 610 x 105 ⁽²⁾	120	5	176	116	617938	1
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Transparent and plain doors

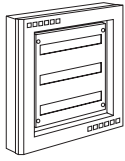


For enclosure	Number of modules	Number of rows	Transparent door	Plain door	Pack.
			Ref. No.	Ref. No.	
617934	72	3	617939	617943	1
617935	96	4	617940	617944	1
617936	120	5	617941	617945	1
617937	144	6	617942	617946	1
617938	120	5	617942	617946	1

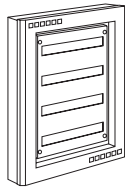
(1) External dimensions
(2) Internal dimensions

Fix-o-Rail 144-S - Surface mounting enclosures without door

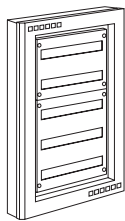
Included ref. 617965 = an earth terminal: copper bar 12 x 5 mm, 18 threaded holes M 5, connectors and screws



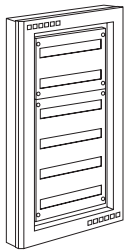
Dimensions H x W x D (mm)	Number of modules	Number of rows	Power dissipation (W)		Ref. No.	Pack.
			Without door	With door		
650 x 740 x 140	72	3	160	88	617966	1



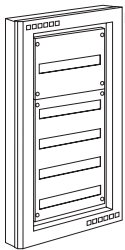
800 x 740 x 140	96	4	175	100	617967	1
-----------------	----	---	-----	-----	--------	---



950 x 740 x 140	120	5	187	115	617968	1
-----------------	-----	---	-----	-----	--------	---



1100 x 740 x 140	144	6	195	125	617969	1
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Equipped with function
for Record Plus
160A D-frame

1100 x 740 x 140	120	5	195	125	617970	1
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Transparent and plain doors



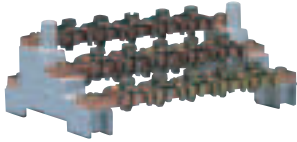
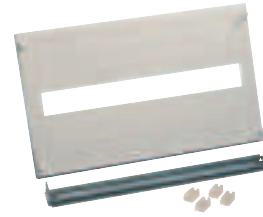
For enclosure	Number of modules	Number of rows	Transparent door	Plain door	Pack.
			Ref. No.	Ref. No.	
617966	72	3	617939	617943	1
617967	96	4	617940	617944	1
617968	120	5	617941	617945	1
617969	144	6	617942	617946	1
617970	120	5	617942	617946	1

Accessories for Fix-o-Rail 144



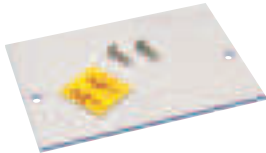
4 pole terminals		
	617992	5
160 A with cover 4x (1 x 10 to 50 mm ² incoming + 3 x 6 to 35 mm ² + 8 x 2.5 to 16 mm ² outgoing) Cu section 12 x 10 mm		

Function for Record Plus 125A		
D-frame		
Fix-o-Rail 144 F/S	617018	1
VP-System	617964	1
height = 300 mm		



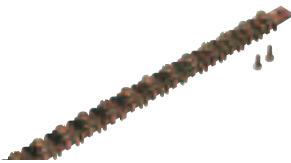
	610020	1
160A connection range 4 x (10 x 10mm ²) Cu section 12 x 5 mm		

Depth adapter & support		
	617947	1
PVC profile : lenght 355 mm used with the function 617964		



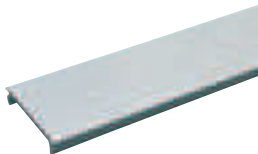
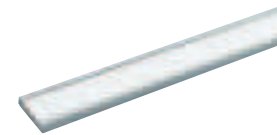
Protective shroud		
	610021	1
For 160A terminal (ref. 610020)		

Security lock		
	617948	1
With two keys		



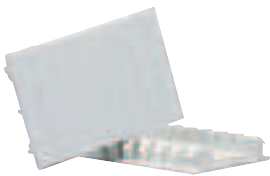
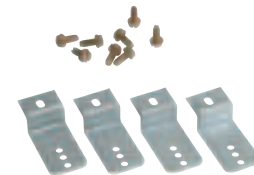
Earth terminal kit		
	617965	1
Cu bar 12x5, 18 threaded holes M5, L=380 mm, with connectors and screws Can be installed in the upper and lower side of the base		

Label for circuit indication		
	610233	10
For enclosure width 550 mm		



Cover strip		
	828056	1
For cut out of 45 mm		

Support for wiring-trunking		
	617949	1

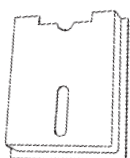


Blank plate		
	610142	4
	610484	500
Length: 72 mm Cut-out width: 45 mm Can be cut into 9 mm lengths RAL 7035		

Wiring supports		
	828145	1
Cable-tray support (20 pieces)		
	828146	1
Cable-tray (10 pieces)		



Painting gun		
	880669	1
RAL 7035 - For minor touch-ups		



Pocket for drawings		
	832000	1
Self adhesive - format A4 To be fitted on the innerside of the door W x H = 155 x 225		





*Insulated enclosures
Surface mounting*

Fix-o-Rail Covers

IP30

Applications



Marking



Features

- Protection degree: IP30
- Made from high resistance ABS
- Flame resistance: self extinguishing material, resist the 960°C
- Colour: Grey RAL 7035
- Installation temperature: -15°C up to +60°C



Fix-o-Rail Covers - Without door



H x W x D (mm)	No. of modules	No. of rows	Ref. No.	Pack.
139 x 51 x 61	2	1	610090	50
139 x 88 x 61	4	1	610091	60
140 x 165 x 72	6	1	610354	28
198 x 200 x 72	8	1	610355	18

A

B

C

D

E

F

G

X



Insulated enclosures Surface mounting

Fix-o-Rail Classic

IP30 / IP40

Approvals / Marking



Standards

BS EN 60439-3

Applications



Fix-o-Rail Classic and the accessories are a homogeneous system for power distribution in new homes, adding add-on devices and replacing old units.

Features

- Protection degree: IP30
- IP40 with door (optional)
- Colour: RAL 9010
- 13, 26, 39 and 52 modules
- Total insulation \square (with backplate and door)
- Transparent or plain door
- Surface mounting
- Adjustable DIN-rail
- ABS for the covers
- Polycarbonate for the transparent doors
- Flame resistance: self extinguishing material, resist the glowwire 650°C

Components

The Fix-o-Rail Classic A packaging includes:

- A mounting frame
- A protective cover
- A backplate
- A support with earth and neutral terminals
- A modular blank plate
- Four insulating caps
- Labels for circuit identification
- Installation guidelines

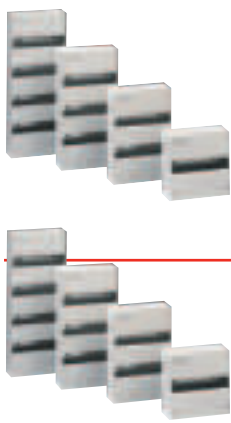
The Fix-o-Rail Classic B packaging includes:

- A mounting frame
- A protective cover
- Labels for circuit identification
- Installation guidelines

Advantages

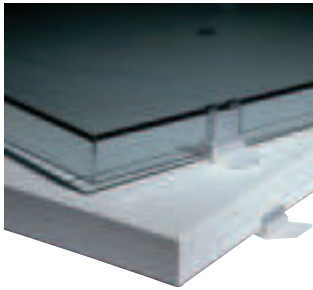
- Two DIN-rail positions: 47 and 55 mm
- Generous wiring room 30 mm behind the mounting frame
- 13 modules on each row
- 125 mm distance between two DIN-rails
- Self positioning protective cover, fixation with four captive quarter-turn screws
- Door can be opened to the left or the right and hinges over 180°
- The Classic range can be coupled

Fix-o-Rail Classic



Classic A	H x W x D (mm)	Equipment	Number of rows	Number of modules	Ref. No.	Pack.
	250 x 250 x 94	Earth bar: connection 8 x 16 mm ² Neutral bar: connection 10 x 16 mm ²	1	13	619200	1
	375 x 250 x 94	Earth bar: connection 18 x 16 mm ² Neutral bar: connection 2(8 x 16 mm ²)	2	26	619201	1
	500 x 250 x 94	Earth bar: connection 27 x 16 mm ² Neutral bar: connection 2(8 x 16 mm ²)	3	39	619202	1
	625 x 250 x 94	Earth bar: connection 27 x 16 mm ² Neutral bar: connection 2(8 x 16 mm ²)	4	52	618116	1
Classic B	H x W x D (mm)	Equipment	Number of rows	Number of modules	Ref. No.	Pack.
	250 x 250 x 94		1	13	619203	1
	375 x 250 x 94		2	26	619204	1
	500 x 250 x 94		3	39	619205	1
	625 x 250 x 94		4	52	618117	1

Accessories



Transparent door + hinges		
	618503	1
1 row		
	618509	1
2 rows		
	618515	1
3 rows		
	617961	1
4 rows*		
Plain white door + hinges		
	619206	1
1 row		
	619207	1
2 rows		
	619208	1
3 rows		
	617962	1
4 rows*		

Insulated support for earth and neutral terminals

	618530	1
Can be fixed on a mounting frame easily		
Can be equipped with below mentioned earth or neutral terminals		



1x	2x	3x	Combination
8 x 16 mm ²	8 x 16 mm ²	8 x 16 mm ²	1 (8 x 16 mm ²) + 1 (10 x 16 mm ²)
10 x 16 mm ²	10 x 16 mm ²		1 (8 x 16 mm ²) + 1 (14 x 16 mm ²)
14 x 16 mm ²			1 (8 x 16 mm ²) + 1 (18 x 16 mm ²)
18 x 16 mm ²			1 (10 x 16 mm ²) + 1 (14 x 16 mm ²)
27 x 16 mm ²			

Equipped insulated support 3P+N + earth assembly

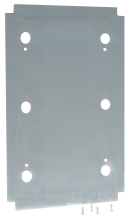
	618529	1
5 (8 x 16 mm ²)		



Insulated backplate + screws

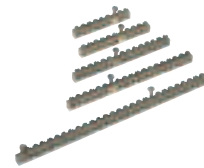
Protects the cables and devices when the cover is mounted on a moist or aggressive surface

	618505	1
For Classic B - 1 row		
	618511	1
For Classic B - 2 rows		
	618517	1
For Classic B - 3 rows		
	619411	1
For Classic B - 4 rows		



Earth or neutral terminals

	618519	4
8 x 16 mm ²		
	618520	4
10 x 16 mm ²		
	618521	4
14 x 16 mm ²		
	618522	4
18 x 16 mm ²		
	618523	4
27 x 16 mm ²		



Equipped insulated support

	618506	1
For Classic B - 1 row		
E: 8 x 16 mm ² & N: 10 x 16 mm ²		
	618512	1
For Classic B - 2 rows		
E: 18 x 16 mm ² & N: 2 (8 x 16 mm ²)		
	618518	1
For Classic B - 3 rows		
E: 27 x 16 mm ² & N: 2 (8 x 16 mm ²)		



E = earth connection
N = neutral connection

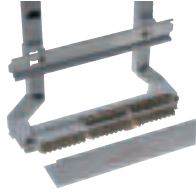
Link for neutral or earth terminals

	618525	1
--	--------	---



* in metal

Accessories Fix-o-Rail Classic (continued)



Shrouding for earth and neutral support
 Protects against direct contact with live parts

618531 1

Cable entry

For a perfect finish
 Can be fixed on the top as well as on the bottom of the mounting frame

619084 1

Knockouts: 11 x PG 13.5 + 1 x PG 21/29



Metal support for connection terminals

618524 1

Blank plate 4 modules

610382 4

Length: 72 mm
 Cut out width : 45 mm
 Can be cut into 9 mm length
 RAL 9010



Connection terminals

610185 4

Phase terminal 6 x 10 mm² + 2 x 16 mm²

610186 4

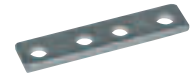
Earth terminal 6 x 10 mm² + 2 x 16 mm²

610187 4

Neutral terminal 6 x 10 mm² + 2 x 16 mm²

Coupling

618528 2



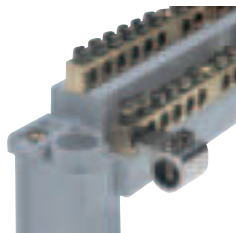
Cable connector clamp

624864 30

Axial 25 mm² insulated pin type

Sealing bracket

618527 2



Cable connector clamp

624862 50

Lateral 35 mm² non-insulated pin type



Notes

A large grid of red dots for taking notes, consisting of 20 columns and 40 rows.

A
B
C
D
E
F
G
X





Insulated enclosures Surface mounting

Fix-o-Rail Junior

IP40



Approvals / Marking



Standards

BS EN 60439-3

Applications



For new buildings, replacing old units and adding add-on devices.

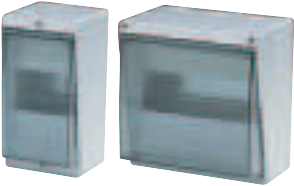
Features

- High resistance material
- Modern design
- Compact construction
- High protection degree IP40
- Total insulation □
- Total security
- Transparent cover allowing visibility of devices
- For all modular equipment
- Available in 4 and 8 modules
- Colour: RAL 7035
- ABS for the base
Flame resistance: self extinguishing material, resist the 650 °C
- Polycarbonate for the lid
Flame resistance: self extinguishing material, resist the 960 °C



Dimensions ● pg F.52

Fix-o-Rail Junior

	H x W x D (mm)	Equipment	No. of modules	Ref. No.	Pack.
	170 x 90 x 100 Max. depth of the devices: 70 mm Entries: 2 x PG29, 4 x PG21	Earth terminal: connection 5 x 16 mm ² Neutral terminal: connection 5 x 16 mm ²	4	610344	1/15
170 x 175 x 120 Max. depth of the devices: 92.5 mm Entries: 2 x PG21, 4 x PG21, 4 x PG16	Earth terminal: connection 6 x 10 + 2 x 16 mm ² Neutral terminal: connection 6 x 10 + 2 x 16 mm ²	8	610345	1/8	

Accessories

	Earth/neutral terminals For Junior 4 modules	Sealing bracket	
	610141 2 Connection range 5 x 16 mm ²	610140 2	
	Earth/neutral terminals For Junior 8 modules	Blank plate 4 modules	
	610186 4	610142 4	
	Earth connection range 6 x 10 mm ² + 2 x 16 mm ²	610484 500 length: 72 mm cut out width : 45 mm can be cut into 9 mm length RAL 7035	
	Neutral connection range 6 x 10 mm ² + 2 x 16 mm ²		
	610187 4		
	Grommets		
	610130 25		
	PG16		
	610132 25		
	PG21		
	610133 25		
	PG29		

Consumer Unit

BS EN60439-3

IP40



Applications



Standard

BS EN 60439-3

Marking



Performance

Voltage	240V 50Hz
Rating main switch	100A/63A
Rating RCCB	63A, 80A & 100A
IP rating	IP40
Poles	1P+N
Terminal capacity	25mm ² + 16mm ²

Dimensions Insulated

Dimension code	Height	Width	Depth
A (4 module)	245	198	120
B (10 module)	245	306	120
C (14 module)	245	378	120
D (18 module)	245	468	120

Dimensions Metal

Dimension code	Height	Width	Depth
A (4 module)	175	112	90
B (10 module)	208	218	108
C (14 module)	208	292	108
D (18 module)	208	370	108



Insulated main switch up to 100A



MCB ways	Rating (A)	HxWxD code	Cat. No.	Ref. No.	Pack.
1 ⁽¹⁾	63A	A	MS1	662100	1
2 ⁽¹⁾	63A	A	MS2	662101	1
4	100A	B	MS4	662102	1
6	100A	B	MS6	662103	1
8	100A	B	MS8	662104	1
11	100A	C	MS11	662105	1
16	100A	D	MS16	662106	1

Insulated RCCB main switch up to 80A



MCB ways	Rating (A)	Sensitivity (mA)	HxWxD code	Cat. No.	Ref. No.	Pack.
1 ⁽²⁾	63A	30mA	A	RM1	662108	1
2 ⁽²⁾	63A	30mA	A	RM2	662109	1
4	80A	30mA	B	RM4	662110	1
6	80A	30mA	B	RM6	662111	1
8	80A	30mA	B	RM8	662112	1
11	80A	30mA	C	RM11	662113	1
13	80A	30mA	D	RM14SPD	662115	1
16	80A	30mA	D	RM16	662114	1

Insulated split load 100A main switch & 80A 30mA RCCB



MCB ways	Split		HxWxD code	Cat. No.	Ref. No.	Pack.
	Iso	RCCB				
<i>Pre-configured</i>						
6	3	3	B	SL33	662119	1
10	5	5	C	SL55	662120	1
10	6	4	C	SL64	662121	1
12	6	6	D	SL66	662122	1
14	7	7	D	SL77	662123	1
<i>Flexible busbar</i>						
10	3/7	7/3	D	FSL10	662125	1
14	5/9	9/5	D	FSL14	662126	1

Insulated time delayed RCCB split load - 100A 100mA TD RCCB & 80A 30mA RCCB



MCB ways	Split		HxWxD code	Cat. No.	Ref. No.	Pack.
	Iso	RCCB				
10	5	5	C	SLTD55	662129	1

(1) Main switch rated at 63A
 (2) RCD main switch rated at 63A

A
B
C
D
E

F
G
X

Insulated split load 100A main switch & Dual 80A 30mA RCCB



No. of ways	Split			HxWxD code*	Cat. No.	Ref. No.	Pack.
	Iso	RCCB	RCCB				
Pre-configured							
6	2	2	2	C	TSL222	662152	1
10	3	4	5	D	TSL345	662153	1
10	4	4	2	D	TSL442	662154	1
12	2	5	5	D	TSL255	662155	1
12	4	5	5	D	TSL444	662156	1
Flexible busbar							
12	3/4/5	5/4/3		D	FTSL12	662161	1

Insulated split load 100A main switch & 80A 30mA RCCB



No. of ways	Split		HxWxD code*	Cat. No.	Ref. No.	Pack.
	RCCB	RCCB				
Pre-configured						
10	4	4	C	DSL44	662157	1
10	6	4	D	DSL64	662158	1
10	5	5	D	DSL55	662159	1
12	6	6	D	DSL66	662160	1
Flexible busbar						
12	5/7	7/5	D	DFSL12	662163	1

Garage & Shower



Description	RCCB Rating (A)	HxWxD code	Cat. No.	Ref. No.	Pack.
Garage unit 16A+6A	40A	A	GA40	662116	1
Shower unit 40A MCB	63A	A	SH40	662117	1
Shower unit 50A MCB	63A	A	SH50	662118	1

Metal main switch up to 100A



MCB ways	Rating (A)	HxWxD code	Cat. No.	Ref. No.	Pack.
2 ⁽¹⁾	63A	A	VCM2	618401	1
4	100A	B	VCM4	618402	1
6	100A	B	VCM6	618403	1
9	100A	C	VCM9	618404	1
13	100A	D	VCM13	618405	1

Metal RCCB main switch up to 80A



MCB ways	Rating (A)	Sensitivity (mA)	HxWxD code	Cat. No.	Ref. No.	Pack.
2 ⁽²⁾	63A	30mA	A	VCMA2	618406	1
4	80A	30mA	B	VCMA4	618407	1
6	80A	30mA	B	VCMA6	618409	1
9	80A	30mA	C	VCMA9	618411	1
13	80A	30mA	D	VCMA13	618413	1

Metal split load 100A main switch & 80A 30mA RCCB



MCB ways	Split		HxWxD code	Cat. No.	Ref. No.	Pack.
	Iso	RCCB				
<i>Pre-configured</i>						
6	3	3	C	VCM3A3	618416	1
8	4	4	D	VCM4A4	618419	1
10	5	5	D	VCM5A5	618423	1
14	7	7	D	VCM7A7	618489	1

Metal time delayed RCCB split load 100A 100mA TD RCCB & 80A 30mA RCCB

MCB ways	Split		HxWxD code	Cat. No.	Ref. No.	Pack.
	Iso	RCCB				
10	5	5	D	VCMBD5A5	618101	1

Flush mounting kit for metal consumer units



MCB ways	HxWxD code	Cat. No.	Ref. No.	Pack.
10	A	FMP10	618485	1
14	B	FMP14	618486	1
18	B	FMP18	618487	1

(1) Main switch rated at 63A
 (2) RCD main switch rated at 63A

NOTES:
 a) Metal consumer unit also required.
 b) Flush frame supplied separately for fitting by the installer.
 c) Image shows frame and consumer unit assembled
 d) To select the correct frame, match the frame and consumer unit dimension code.

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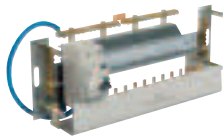
F

G

X



Skeleton consumer units



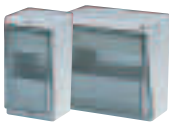
MCB ways	Type	Cat. No.	Ref. No.	Pack.
12	100A main switch	MVISO12	618607	1
12	80A 30mA RCCB	MVRCD12	618617	1
10	Split Load 100A MS & 80A 30mA	MVSL10	618649	1

Fix-o-Rail Cover – IP30 insulated enclosure



Modules	Cat. No.	Ref. No.	Pack.
2	E2	610090	1
4	E4	610091	1

Fix-o-Rail Junior – IP40 insulated enclosure



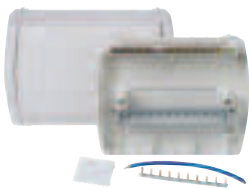
Modules	Cat. No.	Ref. No.	Pack.
4	EC4E+N	610151	1
8	EC8E+N	610345	1

Fix-o-Rail Metal – IP30 metal enclosure



Modules	Cat. No.	Ref. No.	Pack.
4	FOR4	618910	1

Insulated design enclosures



Modules	Busbar ways	HxWxD code	Cat. No.	Ref. No.	Pack.
4	3	A	CU4BN	662131	1
10	9	B	CU10BN	662132	1
14	13	C	CU14BN	662133	1
18	17	D	CU18BN	662134	1

Insulated enclosures supplied with busbar and neutral link cable

Metal design enclosures



Modules	HxWxD code	Cat. No.	Ref. No.	Pack.
10	B	EDU10E+N	618791	1
14	C	EDU14E+N	618792	1
18	D	EDU18E+N	618793	1

Half DIN rail adaptor (metal consumer units only)

Description	Modules	Cat. No.	Ref. No.	Pack
Half DIN rail adaptor	2	HDIN2	618794	1
Half DIN rail adaptor	3	HDIN3	618795	1
Half DIN rail adaptor	4	HDIN4	618796	1
Half DIN rail adaptor	6	HDIN6	618797	1

Blanks, shrouds & locks



Description	Modules	Cat. No.	Ref. No.	Pack
Cover blanking plate	4	BLANK4	610382	4
Busbar shroud	3	SHR3	619018	10
Consumer unit door lock	-	CKEY	662137	1
Device padlock bracket	-	KS	624929	2

Transparent consumer unit doors



Description	Modules	Cat. No.	Ref. No.	Pack.
Transparent door	4	CD4	662139	1
Transparent door	10	CD10	662140	1
Transparent door	14	CD14	662141	1
Transparent door	18	CD18	662142	1

Connection cables & linking pins



Description	Cat. No.	Ref. No.	Pack.
Split load cable kit 10/14 modules	CSLKIT14	662136	1
Split load cable kit 18 modules	CSLKIT18	662138	1
Live link cable	LLINK1	409000	1
Neutral link cable	NLINK1	594009	1
Consumer unit linking pins	CULINKPIN	662144	10

A

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X



**Insulated enclosures
 Surface mounting**

Abaco S

IP40

Marking



Standards

EN/IEC 695-2-1, CEI 670, CEI 23-48

Applications



The Abaco surface enclosures are used for power distribution in house building and commercial buildings as offices, banks, etc.

Features

- Protection degree IP40.
- Total insulation: class II ☐ .
- Four dimensions in two colours.
- Colours: grey RAL 7030 and white RAL 9010.
- Range from 8 modules up to 39 modules.
- Flame resistance: self extinguishing material, resists the 650°C.
- Operating temperature: -15°C to +60°C.
- Chemical resistance against water, salt solution, acid rain.
- Surface mounting with flat panels; easy mounting of cable entries.
- The DIN rails can be taken off to make the equipment externally.
- The position of the mounting frame can be adjusted.



Abaco S - Transparent door



Colour	H x W x D (mm)	Modules 17.5 mm	Number of rows	Ref. No.	Pack.
Grey: RAL 7030	230 x 200 x 110	8/10	1	619375	14
White: RAL 9010	230 x 200 x 110	8/10	1	619376	14
Grey: RAL 7030	300 x 200 x 110	12/14	1	619369	10
White: RAL 9010	300 x 200 x 110	12/14	1	619372	10
Grey: RAL 7030	315 x 400 x 110	24/26	2	619370	1
White: RAL 9010	315 x 400 x 110	24/26	2	619373	1
Grey: RAL 7030	315 x 525 x 110	36/39	3	619371	1
White: RAL 9010	315 x 525 x 110	36/39	3	619374	1

Accessories

Insulated support for earth and neutral for enclosure 6/10 modules connection range 2 x 16 mm ² + 8 x 10 mm ²	619319	120	
	619320	120	
	619321	60	
Blank plate Grey, 5 modules White, 5 modules Metallised black, 5 modules	619323	150	
	619338	150	
	619339	1	
Security lock 24 and 36 modules	619350	1	

Abaco S

A

B

C

D

E

F

G

X





Insulated enclosures Surface mounting

Fix-o-Rail 150

IP40



Total safety



Complete



Important time saving features



High quality



Great design

Approvals / Marking



Standards

EN 60439-3

Applications



Fix-o-Rail 150 is the best choice for power distribution purposes in:

- hotels, restaurants, offices, ...
- the house building industry.

For applications in new homes, for replacing old units or adding add-on devices.

Features

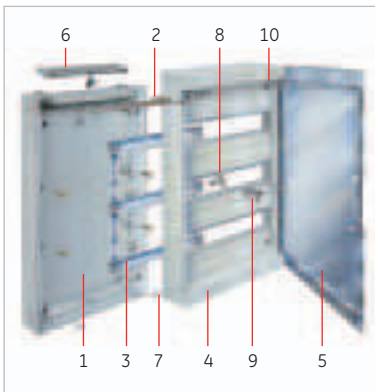
- High protection degree: IP40 with closed door
- Total insulation
- High impact strength: IK08
- 1-2-3-4 rows / 18 modules per row
- For surface mounting
- With transparent or grey door
 - can be opened to 180°
- For DIN-rail equipment up to 92.5 mm
- Optional security lock
- Generous wiring room:
 - 30 mm behind the mounting frame
 - 150 mm centre distance between DIN rails
 - above and below the base
 - shallow base
- Fixation with four captive quarter-turn screws
- Removable mounting frame
- All knockouts are easy to remove
- High impact resistance material, colour RAL 7035
- Enclosure and mounting frame are extremely sturdy
- ABS for the base
- Flame resistance: self extinguishing material, resist the 650°C
- Polycarbonate for the lid



Components

A Fix-o-Rail 150 enclosure also includes:

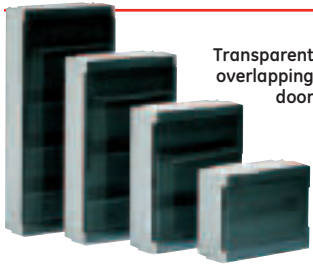
- screwless earth bar
- entry plate
- blank plate
- four insulating caps =
- labels
- adhesive pictograms
- installation guidelines



Dimensions pg F.52

- | | | |
|-----------------------------|---------------------|------------------------|
| 1. Shallow base | 4. Protection cover | 8. Fastener |
| 2. Screwless earth bar | 5. Transparent door | 9. Hinge |
| 3. Removable mounting frame | 6. Entry plate | 10. Quarter-turn screw |
| | 7. Insulation caps | |

Fix-o-Rail 150



Transparent overlapping door



Plain overlapping door

H x W x D (mm)	Equipment	No. of modules	No of rows	Ref. No.	Pack.
270 x 355 x 150	Earth bar: connection 14x16 mm ² In 80A	18	1	610275	1
450 x 355 x 150	Earth bar: connection 14x16 mm ² In 80A	36	2	610285	1
600 x 355 x 150	Earth bar: connection 18x16 mm ² In 100A	54	3	610295	1
750 x 355 x 150	Earth bar: connection 18x16 mm ² In 100A	72	4	610303	1

270 x 355 x 150	Earth bar: connection 14x16 mm ² In 80A	18	1	610276	1
450 x 355 x 150	Earth bar: connection 14x16 mm ² In 80A	36	2	610286	1
600 x 355 x 150	Earth bar: connection 18x16 mm ² In 100A	54	3	610296	1
750 x 355 x 150	Earth bar: connection 18x16 mm ² In 100A	72	4	610304	1

Neutral terminal is optional; order the ref nrs 610386 for the 1 and 2 rows
Neutral terminal is optional; order the ref nrs 610385 for the 3 and 4 rows

Accessories



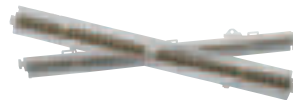
4 pole terminals		
	610022	18
63A		
Connection range		
4 x (10 x 16 mm ²)		
Cu section 6,5 x 9 mm		



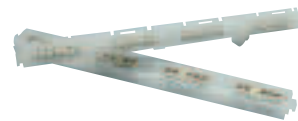
Support with earth or neutral terminals		
	610386	4
Cable section: 14 x 16 mm ²		
Delivered with 1 and 2 rows enclosure		
	610385	4
Cable section: 18 x 16 mm ²		
Delivered with 3 and 4 rows enclosure		



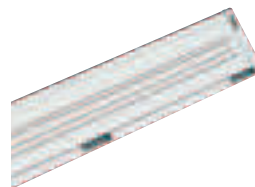
Support with terminal bars		
	610532	4
Cable section: 2 (17 x 16 mm ²)		



Support with terminal bars L1-L2-L3-N		
	610387	4
Cable section: 4 (5 x 16 mm ²)		



Universal entry plate		
	610264	2
For a sound and safe quality of finish. Increases the dust protection. With moulded-in marks for conduits.		



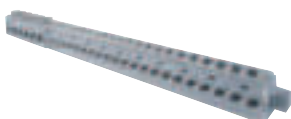
Universal entry cap		
	610272	1
Width: 355 mm		
Can be mounted at the bottom or at the top of the enclosure. Easy to fix. Useful for the installation of cable glands or universal cable entries		



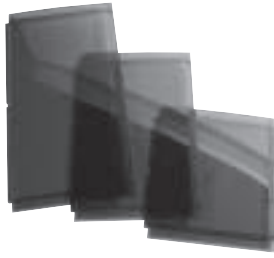
Protective shroud		
	610021	1
For 160A terminal (ref. 610020)		



Support with screwless earthbar		
	610396	1
Included with all enclosures		



Accessories Fix-o-Rail 150 (continued)



Transparent replacement door

610277	1
For enclosure 610275	
610287	1
For enclosure 610285	
610297	1
For enclosure 610295	
610305	1
For enclosure 610303	



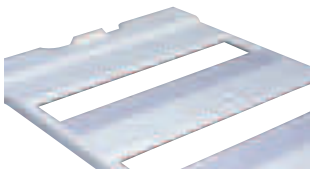
Plain replacement door

610281	1
For enclosure 610276	
610291	1
For enclosure 610286	
610301	1
For enclosure 610296	
610306	1
For enclosure 610304	



Adhesive pictograms

610380	1
For clear and permanent identification of circuits	
Set of 50 pieces	



Labels and labelholders

610383	1
Set of 50 pieces	

Security lock

610170	1
With 2 keys	



Blank plate

610142	4
610484	500

Length: 72 mm
 Cut-out width: 45 mm
 Can be cut into 9 mm lengths
 RAL 7035



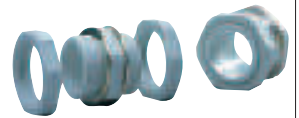
Drawing pocket

610265	1
To be fixed at the bottom or at the top of the protective cover	

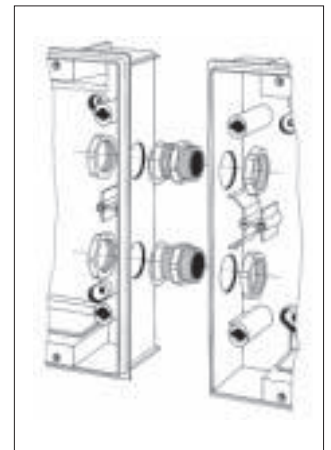


Coupling - 2 x PG21

Allows the facility to couple several Fix-o-Rail enclosures laterally, top and bottom



610327	1
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Notes

A large grid of red dots for taking notes, consisting of 20 columns and 40 rows.

Fix-o-Rail 150

A

B

C

D

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F

G

X





Insulated enclosures Surface mounting

Fix-o-Rail 55

IP55

Approvals / Marking



Standards

EN 60439-3

Applications



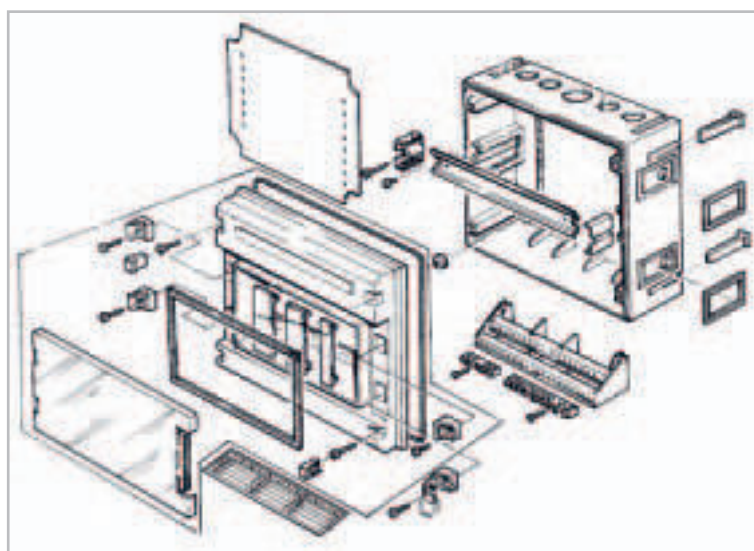
The Fix-o-Rail 55 enclosures are designed for power distribution in environments requiring a high protection degree.

Components

- Rigid base and protection cover, colour RAL 7035
- Transparent door
- DIN-rails, the centre distance between two DIN-rail is 125 mm
- Labeling facilities
- With earth bar for the 12, 24 & 36 modules







Features

- Total insulation
- Protection degree IP55-IK07
- Can be coupled
- Transparent door
- Adjustable DIN-rails, according the height of the DIN equipment
- For equipment up to 92.5 mm
- Padlocking option
- The transparent door can be opened to the left and the right
- Base:
 - ABS for the 3 up to 8 modules
 - Polystyreen for the 12 up to 36 modules
- Flame resistance: self extinguishing material, resist the 650°C
- Polycarbonate for the transparent door
- Halogene free







Dimensions ● pg F.56

Fix-o-Rail 55

	H x W x D (mm)	Equipment	Number of modules	Number of rows	Ref. No.	Pack.
	175 x 83 x 106	Without earth bar	3	1	600573	12
	175 x 125 x 114	Without earth bar	5	1	600574	20
	175 x 215 x 114	Without earth bar	8	1	600575	12
	250 x 285 x 136	Earth bar, connection range: 2x16 mm ² and 6x10 mm ²	12	1	610316	1
	375 x 285 x 136	Earth bar, connection range: 2x16 mm ² and 8x16 mm ²	24	2	610317	1
	500 x 285 x 136	Earth bar, connection range: 2x16 mm ² and 12x16 mm ²	36	3	610318	1

Accessories

	Terminal Additional busbar for earth and neutral connections	Locking device Allows the enclosure to be fitted with a padlocking device	
	610314 1 Cable section: 2 x 16 mm ² and 6 x 6 mm ²	610313 1	
	Coupling set To couple two enclosures in a simple way		
	610315 1		



Insulated enclosures
Surface and flush mounting

Europe Line

IP30

A

Standards

DIN 43871 and DIN VDE 0603 Part 1

B

C

D

E

Features

- Masking frame, base and protective cover made from high resistance material
- Metal door, powder coated, opens through 180°
- Cable entry from top, below, from side and from rear side
- Cable entry plate (top, bottom) removable for easy cable mounting from front side
- Clamp relief possibility
- Sealing possible
- Label for circuit indication
- Rated voltage up to 400V/50Hz
- Rated current up to 63A
- Protection class II (total isolation)

F

Europe Line - dimensions



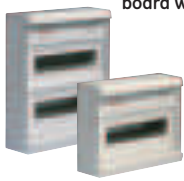
	Type	Dimensions H x W (mm)	Flush mounting depth (mm)	Dimensions for shell H x W (mm)
Distribution board flush mounting with door	KV UP12	321 x 351	90	340 x 360
	KV UP24	446 x 351	90	465 x 360
	KV UP36	571 x 351	90	590 x 360
	KV UP48	696 x 351	90	715 x 360
Distribution board hollow walls with door	KV HW12	321 x 351	90	300 x 320
	KV HW24	446 x 351	90	425 x 320
	KV HW36	571 x 351	90	550 x 320
	KV HW48	696 x 351	90	675 x 320
Distribution boards surface mounting without door	Type	Dimensions H x W (mm)	Surface depth (mm)	
	KV AP12	245 x 300	103.5	
	KV AP24	370 x 300	103.5	
	KV AP36	495 x 300	103.5	
Metal door for surface mounting enclosures	Type	Dimensions H x W (mm)	Surface depth (mm)	
	T AP12	189 x 300	8.5	
	T AP24	314 x 300	8.5	
	T AP36	439 x 300	8.5	
T AP48	564 x 300	8.5		

G




X



Europe Line - distribution boards

	No. of rows	No. of modules	Cat. No.	Ref. No.	Pack.
 <p>Flush mounting distribution board with door</p>	1	12	KV UP12	564534	1
	2	24	KV UP24	564535	1
	3	36	KV UP36	564536	1
	4	48	KV UP48	564537	1
 <p>Hollow wall mounting distribution board with door</p>	1	12	KV HW12	564542	1
	2	24	KV HW24	564543	1
	3	36	KV HW36	564544	1
	4	48	KV HW48	564545	1
 <p>Surface mounting distribution board without door</p>	1	12	KV AP12	564538	1
	2	24	KV AP24	564539	1
	3	36	KV AP36	564540	1
	4	48	KV AP48	564541	1
Versions with screwless earth (PE/N) bar					
	1	12	-	619413	1
	2	24	-	619414	1
	3	36	-	619415	1
	4	48	-	619416	1

Accessories

	No. of rows	Cat. No.	Ref. No.	Pack.
 <p>Metal door with clear window for surface mounting distribution boards</p>	1	AAZTS12A	564061	1
	2	AAZTS24A	564062	1
	3	AAZTS36A	564063	1
	4	AAZTS48A	564064	1
 <p>Plain metal door</p>	1	AT AP12	564533	1
	2	AT AP24	564546	1
	3	AT AP36	564547	1
	4	AT AP48	564548	1
 <p>Metal door with clear window for flush mounting distribution boards</p>	1	AAZTS12U	564057	1
	2	AAZTS24U	564058	1
	3	AAZTS36U	564059	1
	4	AAZTS48U	564060	1
<p>Mounting plate</p>	1	AAZM1	564065	1
	2	AAZM2	564066	1
	3	AAZM3	564067	1
	4	AAZM4	564068	1

Europe Line - Accessories

Distribution boards

A

B

C

D

E

F

G

X

	In (A)	Cat. No.	Ref. No.	Pack.
 <p>Door security lock</p>	Flush mounting, different keys	AAZTU2	564349	1
	Surface mounting, different keys	AAZTA2	564350	1
	Flush mounting, same keys	AAZTU1	564055	1
	Surface mounting, same keys	AAZTA1	564056	1
 <p>PE / N bar without support</p>	12-pole	AAZK12	564050	1
	16-pole	AAZK16	564051	1
	33-pole	AAZK33	564052	1
<p>Busbars</p>	Screwless terminal PE 1-16 / N 1-16	AAZFPN16	619393	20
	Screwless terminal N 1-26	AAZFN1-26	619394	20
	Screwless terminal PE 1-26	AAZFPE1-26	619395	20
 <p>Support</p>	PE terminal	AAZPN16	564047	1
	PE / N terminal	AAZP33	564048	1
	PE / N terminal	AAZN33	564049	1
	N terminal	AAZPN12	564046	1
 <p>Partition vertical</p>	1 row	AAZA1	564042	1
	2 rows	AAZA2	564043	1
	3 rows	AAZA3	564044	1
	4 rows	AAZA4	564045	1
	Partition horizontal	AAZA10	564041	1
 <p>FI-Clamps</p>		AAZN3	564053	1
	Control connector clamp	AXSK71	562445	1
 <p>Mounting rail with reduced height</p>	Increase mounting depth by 20 mm	AAZG1	564054	1
	<p>Blind cover</p>	For mounting slots lockable	AGBS24	562056
			AGBS25	562273
<p>Label for circuit indication</p>	1, 2 rows	AAZP11	564352	1
	3, 4 rows	AAZP12	564353	1
 <p>Clamps for neutral conductor</p>		LK/N7	546297	1
		LK/N12	546298	1
		LK/N15	546299	1
 <p>Clamps for protective conductor</p>		SKU 16/5	546300	1
		SKU 35/5	546301	1
		SKU 70/5	546302	1
<p>Connection clamp</p>	With fork	AKG 25	546306	20
	With pin	AKS 25	546307	20
<p>Rail</p>	1000 mm long	PS	564092	20
<p>Filling piece</p>	8,75 mm to disperse the heat for DIN-rail EN 50022/05.78	FST	546331	25
<p>Spring</p>	Support for device cover	FDT	546332	25
<p>End clamp</p>	For DIN-rail EN 50022/05.78	EKL	546336	100

Notes

Grid area for notes, consisting of a large grid of small red dots.

Europe Line

A

B

C

D

E

F

G

X





**Insulated enclosures
 Flush mounting**

Abaco F

IP40

Marking



Standards

EN/IEC 695-2-1, CEI 670, CEI 23-48

Applications



Abaco F enclosures find their place in the power distribution into the house building industry: new homes, apartments, offices, hotels. Due to the design of the masking frame and the door, the Abaco flush mounting enclosure offers significant aesthetic appeal, particularly in applications where appearance is important.

Features

- Flush mounting
- Total insulation
- Protection degree IP40
- Six dimensions in three colours
- Colours: grey RAL 7030, white RAL 9010 and metallised black
- Range from 2 modules up to 39 modules
- Transparent door made from polycarbonate
- High impact resistance material
- Removable mounting frame
- 20 mm clearance behind the mounting frame
- Colours:
 - Grey: RAL 7035
 - White: RAL 9010
 - Metallised black



Abaco F - Enclosure base with transparent door

	Colour	H x W x D (mm)	Modules 17.5 mm	Number of rows	Ref. No.	Pack.
	Grey	120 x 200 x 73	2/4	1	619300	12
	Metallised black	120 x 200 x 73	2/4	1	619362	12
	Grey	180 x 200 x 73	4/7	1	619301	24
	White	180 x 200 x 73	4/7	1	619325	24
	Metallised black	180 x 200 x 73	4/7	1	619331	24
	Grey	230 x 200 x 73	6/10	1	619302	14
	White	230 x 200 x 73	6/10	1	619326	14
	Metallised black	230 x 200 x 73	6/10	1	619332	14
	Grey	300 x 200 x 73	10/14	1	619303	12
	White	300 x 200 x 73	10/14	1	619327	12
	Metallised black	300 x 200 x 73	10/14	1	619333	12
	Grey	315 x 400 x 80	24/26	2	619304	1
	White	315 x 400 x 80	24/26	2	619328	1
	Metallised black	315 x 400 x 80	24/26	2	619334	1
	Grey	315 x 525 x 80	36/39	3	619305	1
	White	315 x 525 x 80	36/39	3	619329	1
	Metallised black	315 x 525 x 80	36/39	3	619335	1

Accessories

	Coupling					
	619322	10/100/600				
		2/4 and 10/14 modules				
	Blank plate					
	619323	150/450				
		Grey, 5 modules				
	619338	150/450				
		White, 5 modules				
	619339	1/450				
		Metallised black, 5 modules				
	Security lock					
	619323	1				
		24 and 36 modules				
	Transparent lid					
	619340	1				
		2/4 modules				
	619341	1				
		4/7 modules				
	619342	1				
		6/10 modules				
	619343	1				
		10/14 modules				
	619344	1				
	24/26 modules					
	619345	1				
	36/39 modules					
	Insulated support for earth or neutral					
619337	1/30/180					
	for enclosure 4/7 modules connection range 7 x 10 mm ²					
619319	1/20/120					
	for enclosure 6/10 modules connection range 2 x 16 mm ² + 8 x 10 mm ²					
619320	1/20/210					
	for enclosure 10/14 modules connection range 2 x 16 mm ² + 12 x 10 mm ²					
619321	1/10/60					
	for enclosure 24/36 modules connection range 2 x 16 mm ² + 12 x 10 mm ²					

Abaco F

A

B

C

D

E

F

G

X





Insulated enclosures Flush mounting

Fix-o-Rail 150-F4

IP40



Total safety



Complete



Important time saving features



High quality



Great design

Approvals / Marking



Standards

BS EN 60439-3

Applications



The Fix-o-Rail 150-F4 is an electrical distribution board for the following applications:

- homes: new buildings, renovations and add-on devices
- commercial buildings: offices, shops, etc.

Due to the discreet design and colour of the masking frame and door, the Fix-o-Rail 150-F4 flush mounting enclosure offers significant aesthetic appeal, particularly in applications where appearance is important.

Features

- High protection degree: IP40-IP07
- **Total insulation**
- CEBEC-approval
- 1-2-3-4 rows / 14 modules per row
- For all flush mounting installations
- One enclosure for installation in brickwork and studded walls
- Transparent or plain door
- Universal for all modular equipment with a shoulder height of 47 mm and a max. depth of 70 mm
- Wiring space:
 - 20 mm behind the mounting frame
 - 150 mm between the DIN-rails
 - above and below the base
- Removable mounting frame / Removable entries
- Easy to install
- Base, cable entries and protective cover are made in high resistant material
- ABS for the base and cover
- Flame resistance: self extinguishing material, resist the 850°C
- The **door and the masking** frame are in **sheet steel**, coated with a white epoxy powder (colour RAL 9010)
- In accordance with EN 60439-3
- Sturdy enclosure and mounting frame
- Due to the discreet design of the masking frame and door, the Fix-o-Rail 150-F4 offers significant aesthetic appeal
- Colour RAL 9010
- Optional security lock

Components

Fix-o-Rail 150-F4 enclosure includes:

- an earth bar
- adhesive pictograms
- labels for circuit identification
- protective plate on the base (against dust and plaster)
- label holders
- installation guidelines
- a blank plate





Approvals / Marking



Junction boxes

Flex-o-Box

IP65



Features

Flex-o-Box Junior

Technical data

- Suitable for surface mounting
- 2.5 mm² - 500V
- IP65 protection degree
- Standards and approvals
CEBEC: NBN C 68-685-2-0
NBN C68-685-1
KEMA: EN/IEC 670
- Colour: RAL 7035
- Material: resists the 750°C incandescent wire test
- Halogen-free
- Operating temperature: -5°C to +60°C
- Total insulation: ☐

Eight flexible entries

- 7 x Ø 20 in the side wall
- 1 x Ø 20 in the back
- Suitable for cable max. Ø 20
- Suitable for tubes 5/8" and 3/4"

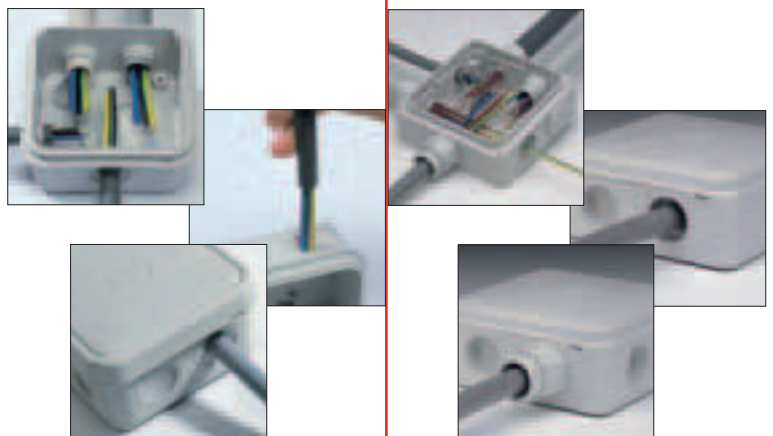
Flex-o-Box JB⁶

Technical data

- Suitable for surface mounting
- 6 mm² - 500V
- IP65 protection degree
- Standards and approvals:
CEBEC: NBN C68-685-2-0
NBN C68-685-1
KEMA: EN/IEC 670
- Colour: RAL 7035
- Material: resists the 750°C incandescent wire test
- Halogen-free
- Operating temperature: -5°C to +60°C
- Total insulation: ☐



Nine flexible entries

- 7 x PG16 in the side wall
- 2 x Ø 20 mm max. entries in the back of the base
- Suitable for cable max. Ø 20
- Suitable for tubes 5/8" and 3/4"
- Suitable for cable seals (8 mm min. thread length)


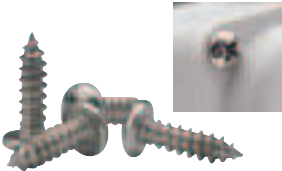
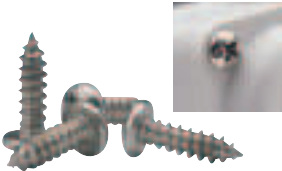
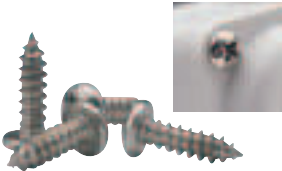


Dimensions ● pg F.59

Flex-o-Box

		Ref. No.	Pack.
	Junior Junction box 2.5 mm ² Junction box 2.5 mm ² (40 pieces in a red polybox basket)	600656	10/100
		600311	1
	JB⁶ Junction box 6 mm ² Junction box 6 mm ² (24 pieces in a grey polybox basket)	600651	100/200
		600310	1/24

Accessories

for Junior and JB ⁶		only for JB ⁶			
	Terminal block	600950	30		A
	6 mm ² - 500V - pin-type				
	5-terminal blocks				
	Possible connections per terminal:				
6 x 1.5 mm ²	2 x 6 mm ²				B
4 x 2.5 mm ²	2 x 10 mm ²				
3 x 4 mm ²					
	Terminal strip	600650	20/200		C
	6 mm ² - 500V - hole-type				
	5-terminal strips				
	Possible connections per terminal:				
6 x 1.5 mm ²	3 x 4 mm ²				D
4 x 2.5 mm ²	2 x 6 mm ²				
					E
					F
					G
					X

Junction boxes

Series 55

IP66



Approval



Applications

- As an empty box
- As a junction box (10/16/25 mm²)
- Coupled

Features

- Standard: EN/IEC 529
- Material: thermoplastic high impact polyphenylene oxide
- Total insulation: □

Dimensions

Three sizes - three types

55100 - 125 x 125 x 75 mm

55200 - 175 x 175 x 95 mm

55300 - 225 x 175 x 95 mm

Benefits



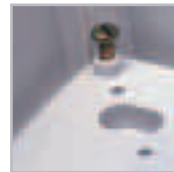
The cable entries are selective knockouts placed as close as possible to the wall.



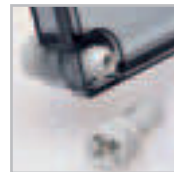
Oval openings in the base allow levelling. Four fixing holes outside the gasket and two fixing holes inside the box.



The raised bottom avoids obstruction while cabling and bending of the cables.



Raised supports for the placement of the mounting plate.



The screws are thermoplastic, captive, full turn, with a big pitch and placed outside the gasket.





All the boxes are sealable.

Dimensions ● pg F.59




Series 55100 - 10 mm²

☐ IP66 - IK07

	Cover	Entries	Characteristics	Ref. No.	Pack.
	grey	5 x PG 16/21	Empty. Can be equipped with terminal blocks 600516	600514	16
	grey	5 x PG 16/21	Equipped with terminal blocks 600516: 5 clamps with maximum capacity: 5 x 4 mm ² / 4 x 6 mm ² / 3 x 10 mm ²	600515	16




Series 55200 - 16 mm²

☐ IP66 - IK07

	Cover	Entries	Characteristics	Ref. No.	Pack.
	grey	6 x PG 16/21 5 x PG 21/29	Empty. Can be equipped with terminal blocks 600525 600526 (x5) 600544 (x5) 600545 (x5) 600516	600517	9
	grey	6 x PG 16/21 5 x PG 21/29	Equipped with terminal blocks 600525: 5 clamps with maximum capacity: 5 x 6 mm ² / 4 x 10 mm ² / 3 x 16 mm ²	600524	9
	transparent	6 x PG 16/21 5 x PG 21/29	Empty	600523	9

Series 55300 - 25 mm²

☐ IP66 - IK09

	Cover	Entries	Characteristics	Ref. No.	Pack.
	grey	8 x PG 21 6 x PG 21/29	Empty. Can be equipped with terminal blocks 600544 (x5) 600545 (x5) 600525 600526 (x5)	600532	1
	grey	8 x PG 21 6 x PG 21/29	Equipped with terminal blocks 600544 (x5): 5 clamps/nuts with maximum capacity: 4 x 16 mm ² / 3 x 25 mm ² / 2 x 35 mm ²	600543	9
	transparent	8 x PG 21 6 x PG 21/29	Empty	600539	9

Accessories Series 55

Junction boxes

A

B

C

D

E

F

G

X



Terminal blocks 500V 10 mm ²	
600516	6
Set terminal blocks with two fixation screws. With five clamps suitable for Al or Cu connection.	
Maximum cable section per clamp: 5 x 4 mm ² / 5 x 4 mm ² / 5 x 4 mm ² .	
Can be fitted in types 55100 and 55200.	

Couplings	
600509	1
Set of two pieces	
PG21	
It is possible to combine types 55200 and 55300	



Terminal blocks 500V 16 mm ²	
600525	6
With five clamps, suitable for Al or Cu connection.	
Maximum cable section per clamp: 5 x 6 mm ² / 4 x 10 mm ² / 3 x 16 mm ² .	
Can be fitted in types 55200 and 55300.	

Compression glands	
600504	25
PG21 with nut in glass fibre reinforced polyamide. Grey.	
600505	25
PG29 with nut in glass fibre reinforced polyamide. Grey.	



Terminal blocks 500V 16 mm ²	
600526	24
With one clamp/nut (with nut), suitable for Al or Cu connection.	
Maximum cable section per clamp: 5 x 6 mm ² / 4 x 10 mm ² / 3 x 16 mm ² .	
Can be fitted in types 55200 and 55300.	

Compression glands	
600501	25
PG21 polyamide with nut in glass fibre reinforced polyamide. Brown.	
600502	25
PG29 polyamide with nut in glass fibre reinforced polyamide. Brown.	



Terminal blocks 500V 25 mm ²	
600544	24
With one clamp/nut (with nut), suitable for Al or Cu connection.	
Maximum cable section per clamp: 4 x 16 mm ² / 3 x 25 mm ² / 2 x 35 mm ² .	
Can be fitted in types 55200 and 55300.	

Locknuts	
600506	100
Nut in glass fibre reinforced polyamide to connect compression glands PG21. Grey.	
600507	50
Nut in glass fibre reinforced polyamide to connect compression glands PG29. Grey.	



Terminal blocks 500V 25 mm ²	
600545	24
With one clamp/nut (double nut), suitable for Al or Cu connection.	
Maximum cable section per clamp: 4 x 16 mm ² / 3 x 25 mm ² / 2 x 35 mm ² .	
Can be fitted in types 55200 and 55300.	

Universal entries (grey)	
610130	25
Cable max. 18 mm, drill 23 mm, PG16	
610132	25
Cable max. 24 mm, drill 29 mm, PG21	
610133	25
Cable max. 32 mm, drill 38 mm, PG29.	



Insulated cap	
890838	48
Suitable for terminal blocks	
600526	
600544	
600545	

Notes

Grid area for notes, consisting of a large grid of small red dots.

Series 55

A

B

C

D

E

F

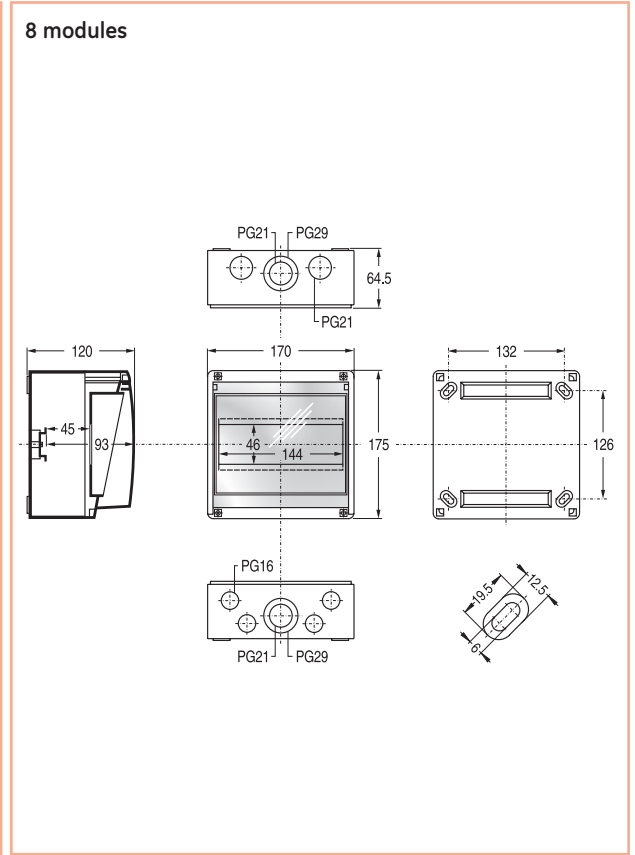
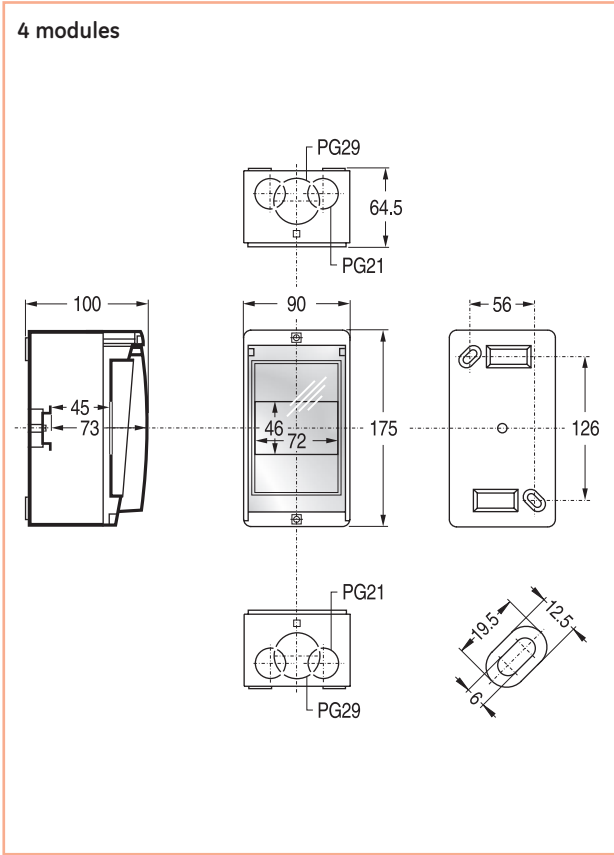
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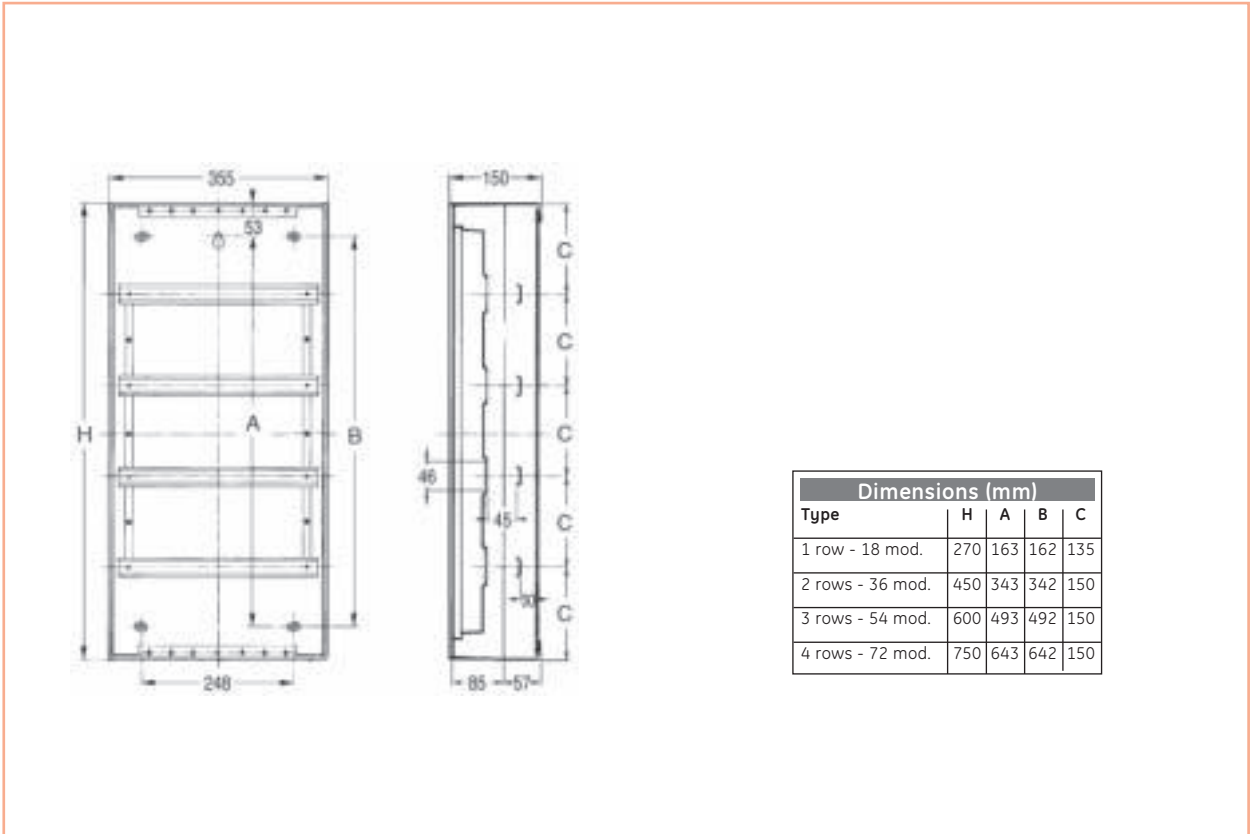


Dimensional drawings

Fix-o-Rail Junior - Surface mounting



Fix-o-Rail 150 - Surface mounting



Distribution boards

A

B

C

D

E

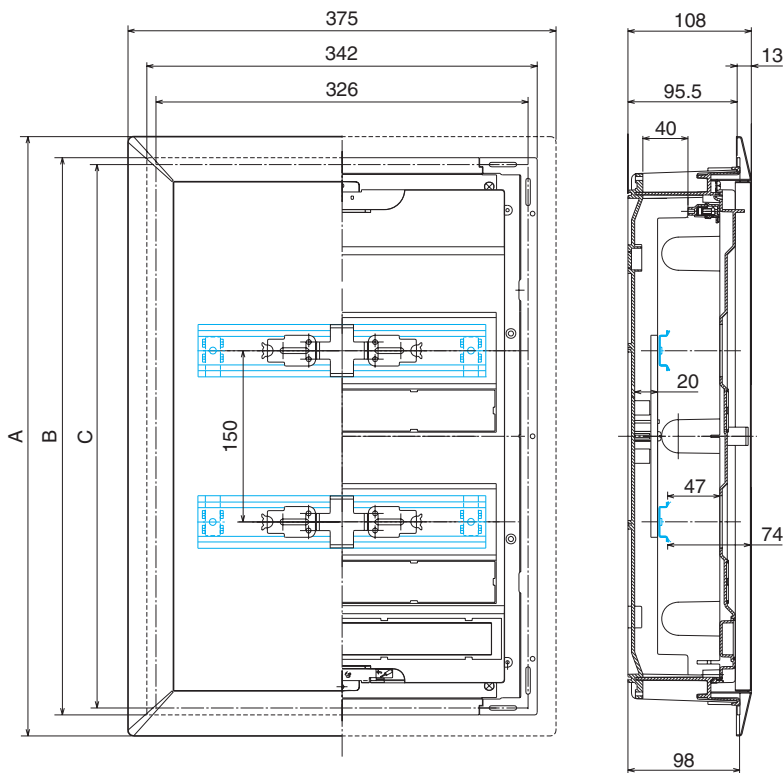
F

G

X



Fix-o-Rail 150-F4 - Flush mounting



Dimensions (mm)			
Type	A	B	C
1 row - 14 mod.	350	313	301
2 rows - 28 mod.	525	488	476
3 rows - 42 mod.	675	638	626
4 rows - 56 mod.	825	788	776

Dimensions

A

B

C

D

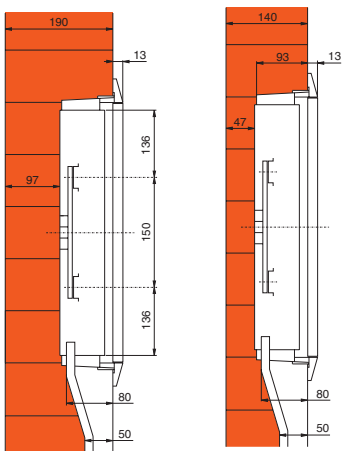
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F

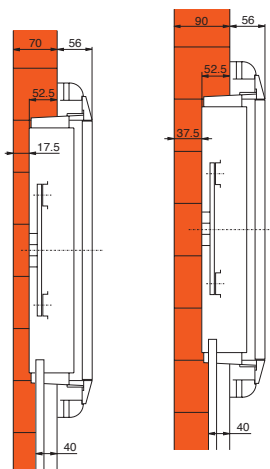
G

X

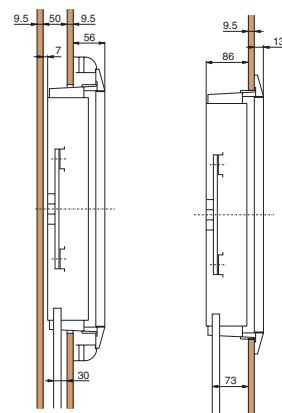
Fix-o-Rail 150-F4 - Flush mounting



Flush mounting into brickwork



Flush mounting and semi flush mounting into brickwork



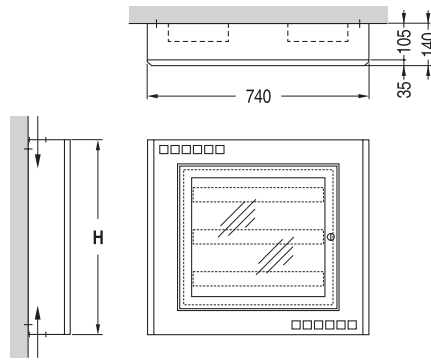
Semi flush mounting into studed walls



Dimensional drawings

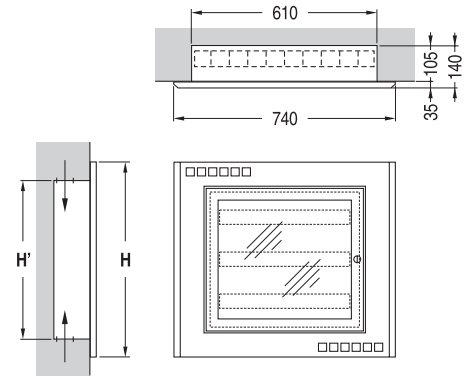
Fix-o-Rail 144

Fix-o-Rail 144 S
Surface mounting

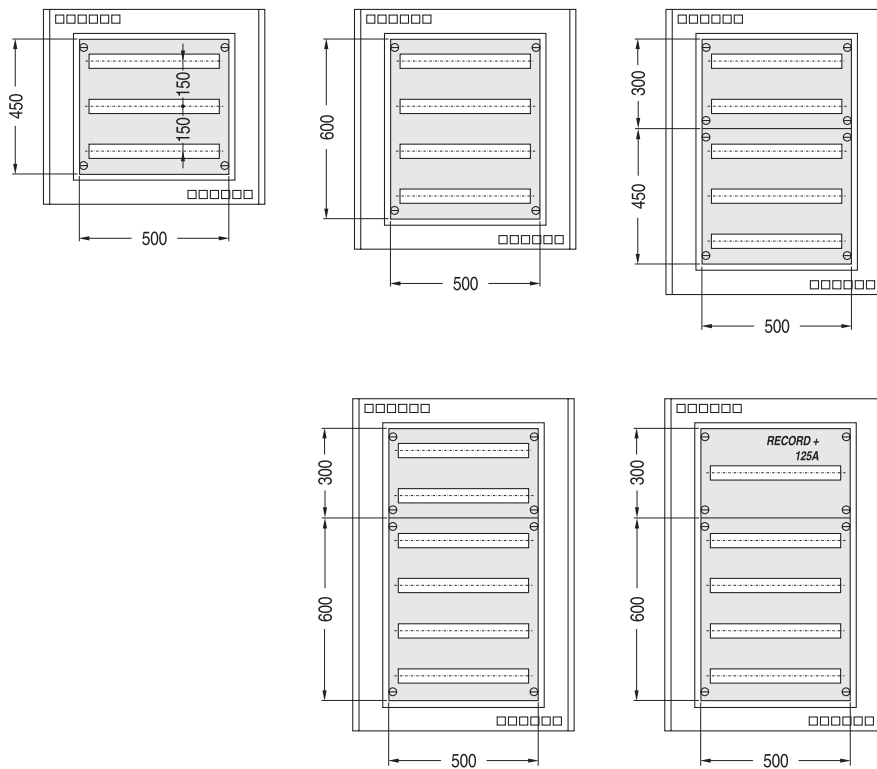


Dimensions (mm)	
	H
3 rows - 72 mod.	650
4 rows - 96 mod.	800
5 rows - 120 mod.	950
6 rows - 144 mod.	1100
4 rows+Record - 120 mod.	1100

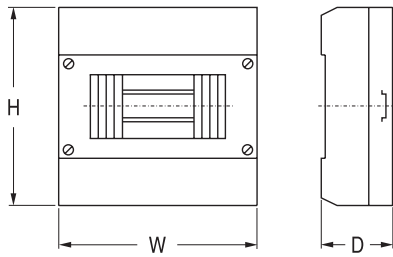
Fix-o-Rail 144 F
Flush mounting



Dimensions (mm)		
	H	H'
3 rows - 72 mod.	650	560
4 rows - 96 mod.	800	710
5 rows - 120 mod.	950	860
6 rows - 144 mod.	1100	1010
4 rows+Record - 120 mod.	1100	1010

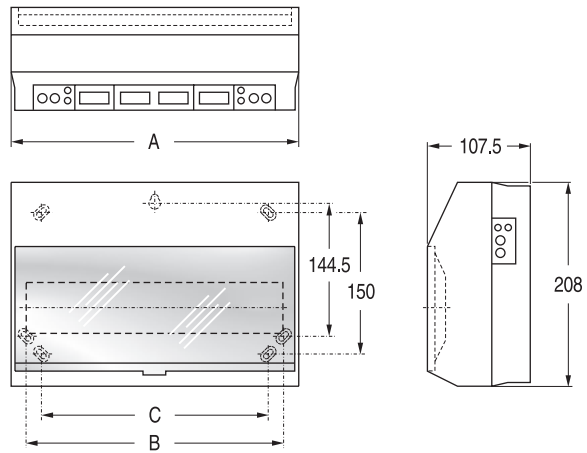


Fix-o-Rail Covers - Surface mounting



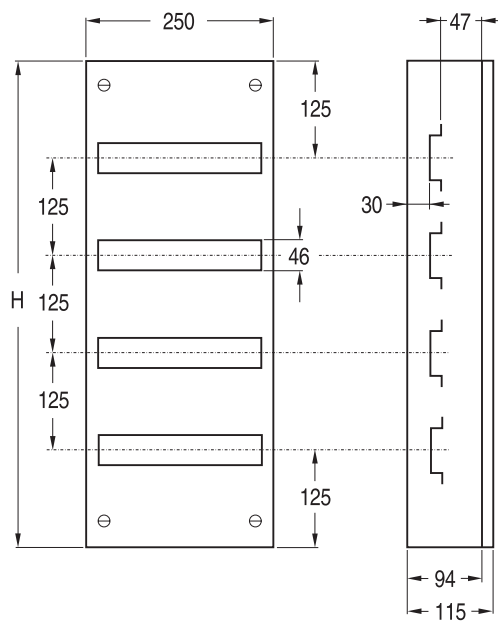
Dimensions (mm)			
Type	H	W	D
2 mod.	139	51	61
4 mod.	139	88	61
6 mod.	140	165	72
8 mod.	198	200	72

Fix-o-Rail Design - Surface mounting



Dimensions (mm)			
Type	A	B	C
10 mod.	220	188	168
14 mod.	292	260	240
18 mod.	370	340	310

Fix-o-Rail Classic - Surface mounting



Dimensions (mm)	
Type	H
1 row - 13 mod.	250
2 rows - 26 mod.	375
3 rows - 39 mod.	500
4 rows - 52 mod.	625

Dimensions

A

B

C

D

E

F

G

X



Dimensional drawings

Fix-o-Rail 55 - Surface mounting

Distribution boards

A

B

C

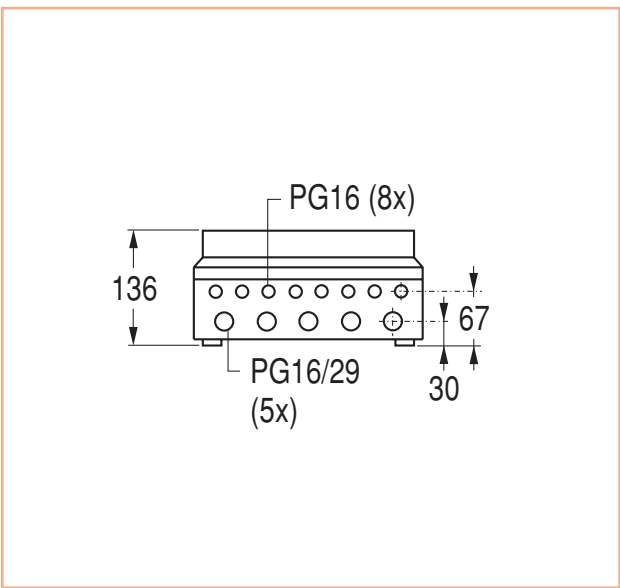
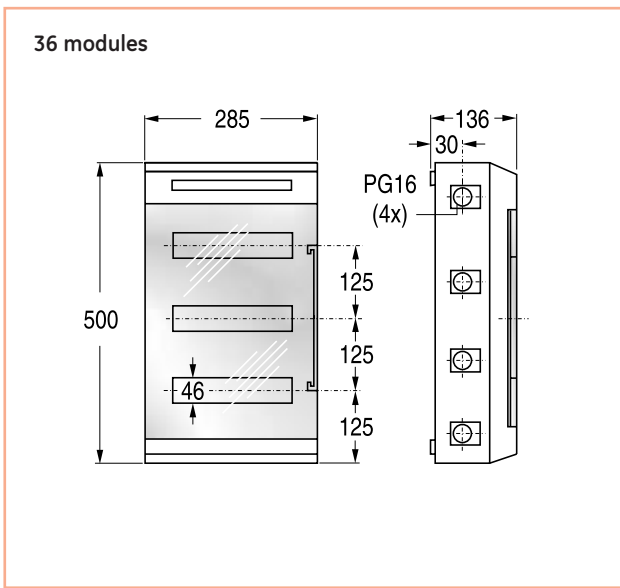
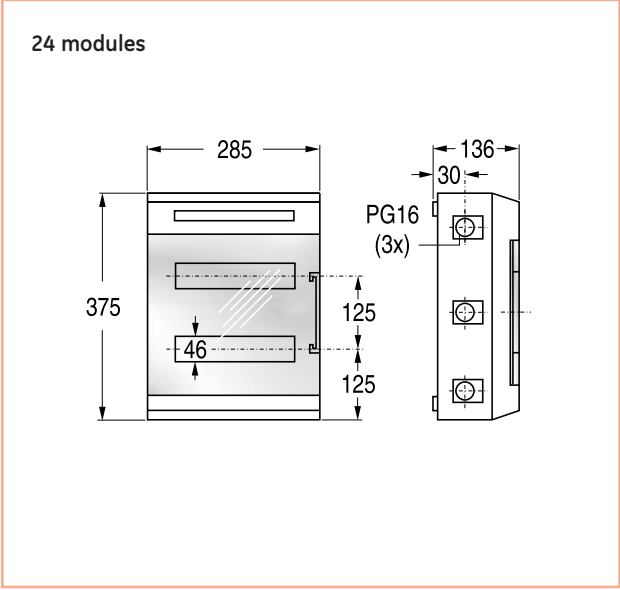
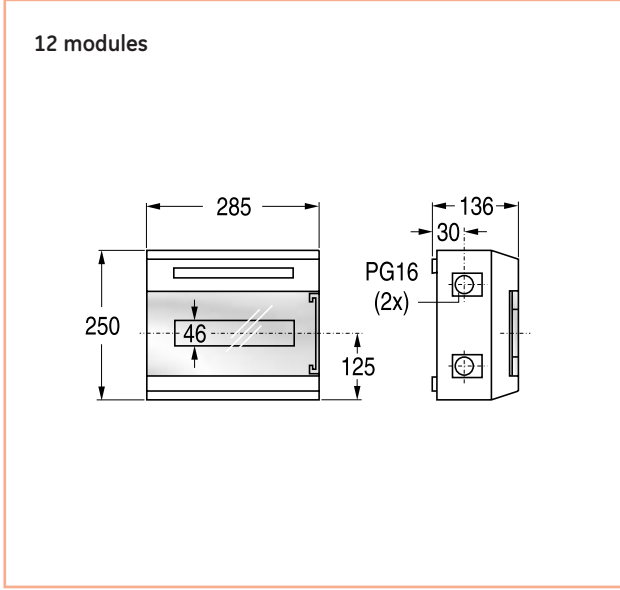
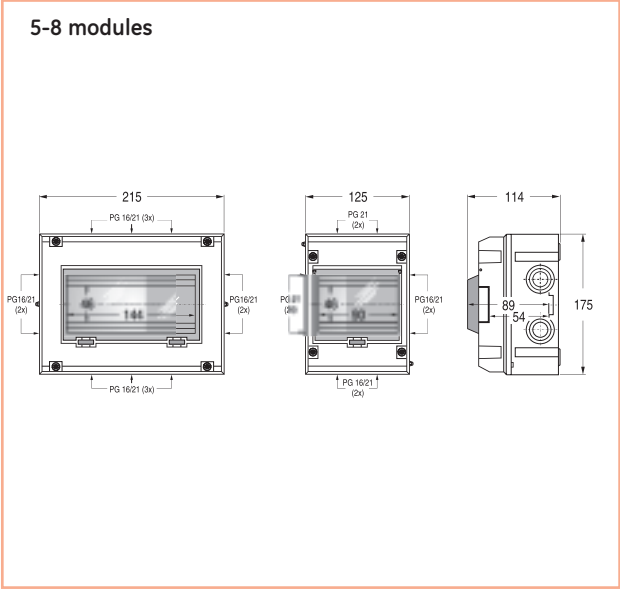
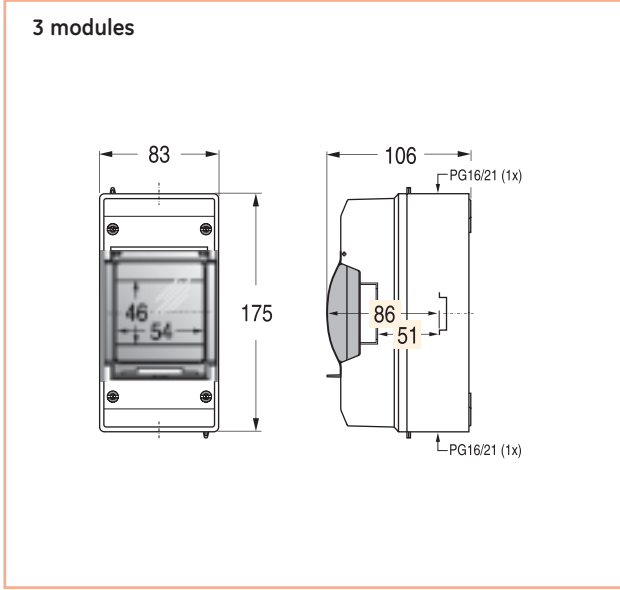
D

E

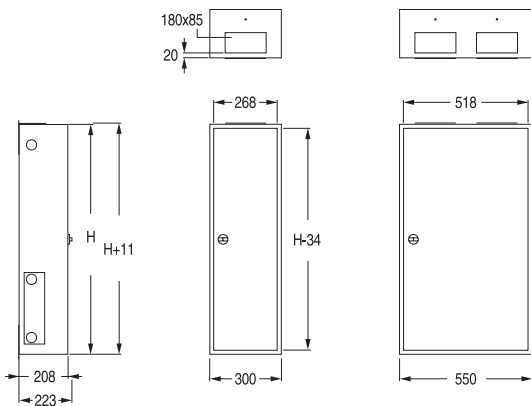
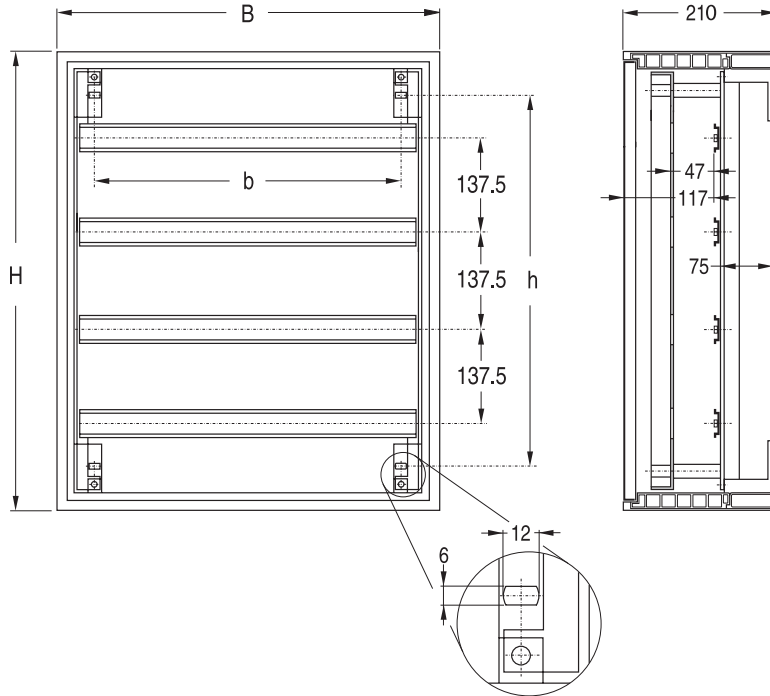
F

G

X



Fix-o-Rail Senior - Surface mounting



Dimensions (mm)				
Type	B	b	H	ha
4 rows - 48 mod.	300	191	650	401
5 rows - 60 mod.	300	191	800	551
4 rows - 96 mod.	550	441	650	401
5 rows - 120 mod.	550	441	800	551
6 rows - 144 mod.	550	441	950	701

Dimensions

A

B

C

D

E

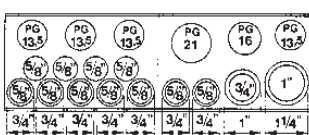
F

G

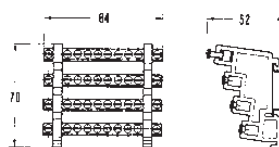
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Accessories distribution boards

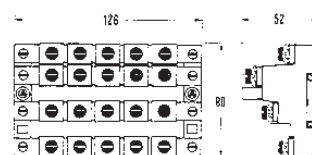
Gland plate



4P terminal 63A



4P terminal 160A



Dimensional drawings

Abaco F - Flush mounting

Distribution boards

A

B

C

D

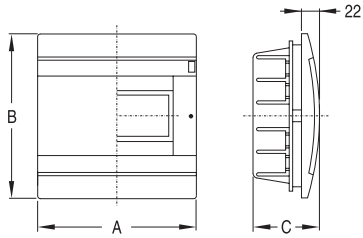
E

F

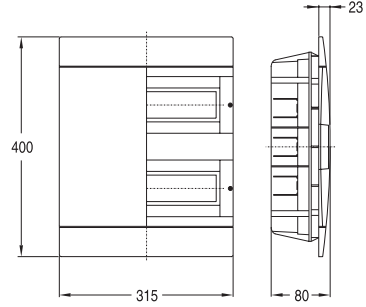
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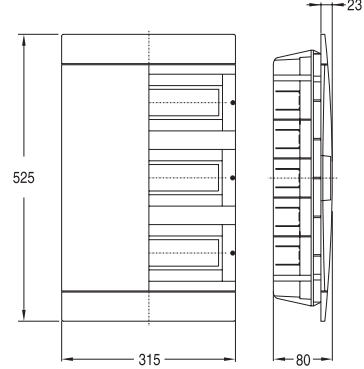
1 row - 14 modules



2 rows - 26 modules

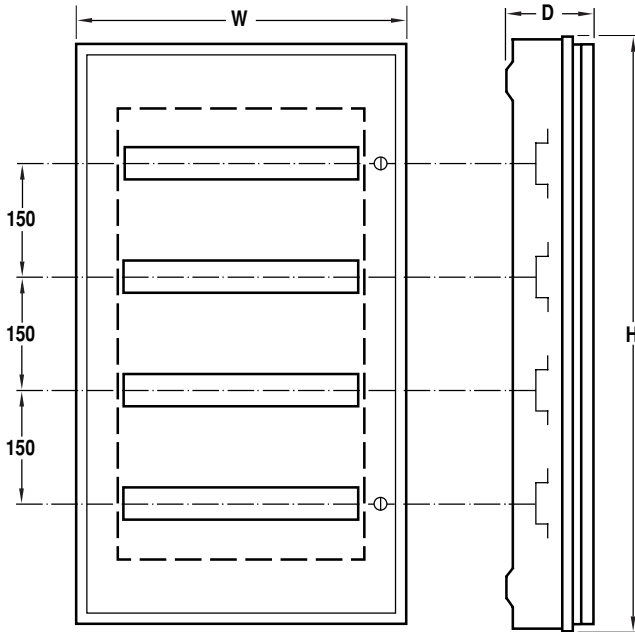


3 rows - 39 modules



Dimensions (mm)			
Type	A	B	C
4 mod.	120	200	73
7 mod.	180	200	73
10 mod.	230	200	73
14 mod.	300	200	73

Fix-o-Rail 150 M - Surface mounting



Dimensions (mm)			
Type	H	W	D
1 row - 18 mod.	216	415	110
2 rows - 36 mod.	376	437	110
3 rows - 54 mod.	610	437	110
4 rows - 72 mod.	768	437	110

Abaco S - Surface mounting

Dimensions (mm)			
Type	A	B	C
1 row - 8/10 mod.	230	200	110
1 row - 12/14 mod.	300	200	110
2 rows - 24/26 mod.	315	400	110
3 rows - 36/39 mod.	315	525	110

Flex-o-Box - Junction box

Flex-o-Box Junior

Flex-o-Box JB⁶

Series 55 - Junction box

Series 55100

Series 55300

Series 55200

Dimensions

A

B

C

D

E

F

G

X



Dimensional drawings

Distribution board - Type A

Distribution boards

A

B

C

D

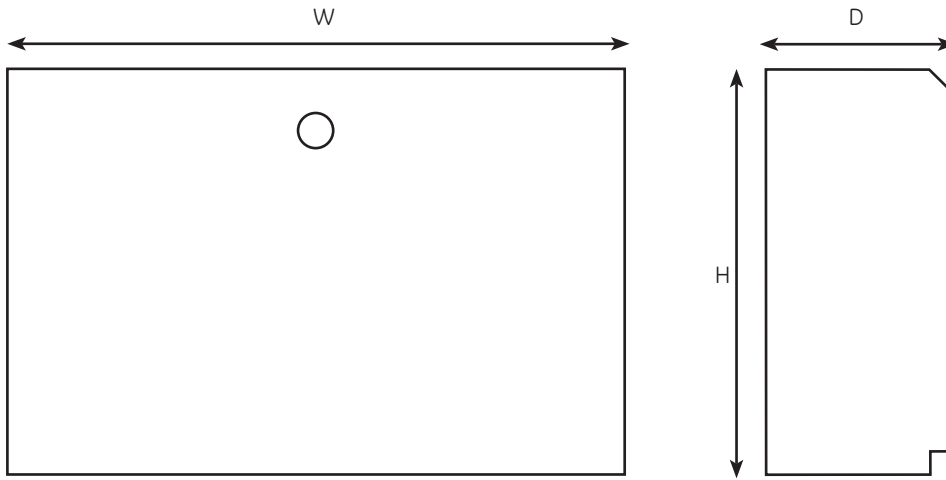
E

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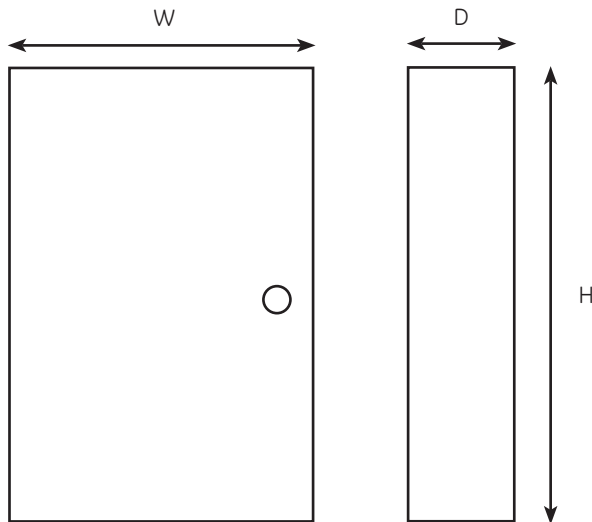
G

X

Dimensions (mm)			
Code	H	W	D
A	270	368	127
B	270	412	127
C	270	484	127



Distribution board - Type B



Dimensions (mm)			
Code	H	W	D
A	534	135	500
B	588	135	500
C	642	135	500
D	750	135	500
E	912	135	500
F	1136	135	500
G	250	135	500
H	500	135	500

Extension Incomers and Enclosures



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GE CONSUMER & INDUSTRIAL HUNGARY
Váci út 77
H-1340 Budapest
Hungary

Customer Service
Tel. +361 447 6046
Fax +361 447 5060
E-mail: mea.export.consind@ge.com
Net: www.gepowershop.com

GE POWER CONTROLS
International Sales
Nieuwevaart 51
B-9000 Gent - Belgium
Tel. +32/9 265 21 11
Fax +32/9 265 28 90
E-mail: gepcb@gepc.com



GE imagination at work