Catalogue | January 2014

System pro *E* comfort MISTRAL®
Create your own masterpiece

Power and productivity
for a better world™

Index

Introduction

System pro *E* comfort MISTRAL® 2

System pro *E* comfort MISTRAL41F

Introduction System pro *E* comfort MISTRAL41F 4
- System pro *E* comfort MISTRAL41F, order codes 650 10
- System pro *E* comfort MISTRAL41F, order codes 850 12
- System pro *E* comfort MISTRAL41F, order codes with terminals 14
- System pro *E* comfort MISTRAL41F, order codes accessories 16

System pro *E* comfort MISTRAL41W

Introduction System pro *E* comfort MISTRAL41W 18
- System pro *E* comfort MISTRAL41W, order codes 650 24
- System pro *E* comfort MISTRAL41W, order codes 750 26
- System pro *E* comfort MISTRAL41W, order codes with terminals 28
- System pro *E* comfort MISTRAL41W, order codes accessories 30

System pro *E* comfort MISTRAL65

Introduction System pro *E* comfort MISTRAL65 32
- System pro *E* comfort MISTRAL65, order codes 650 40
- System pro *E* comfort MISTRAL65, order codes 750 42
- System pro *E* comfort MISTRAL65, order codes with terminals 44
- System pro *E* comfort MISTRAL65, order codes accessories 46

Terminal blocks

- Order codes terminal blocks 48
- Terminal blocks 49

Technical details

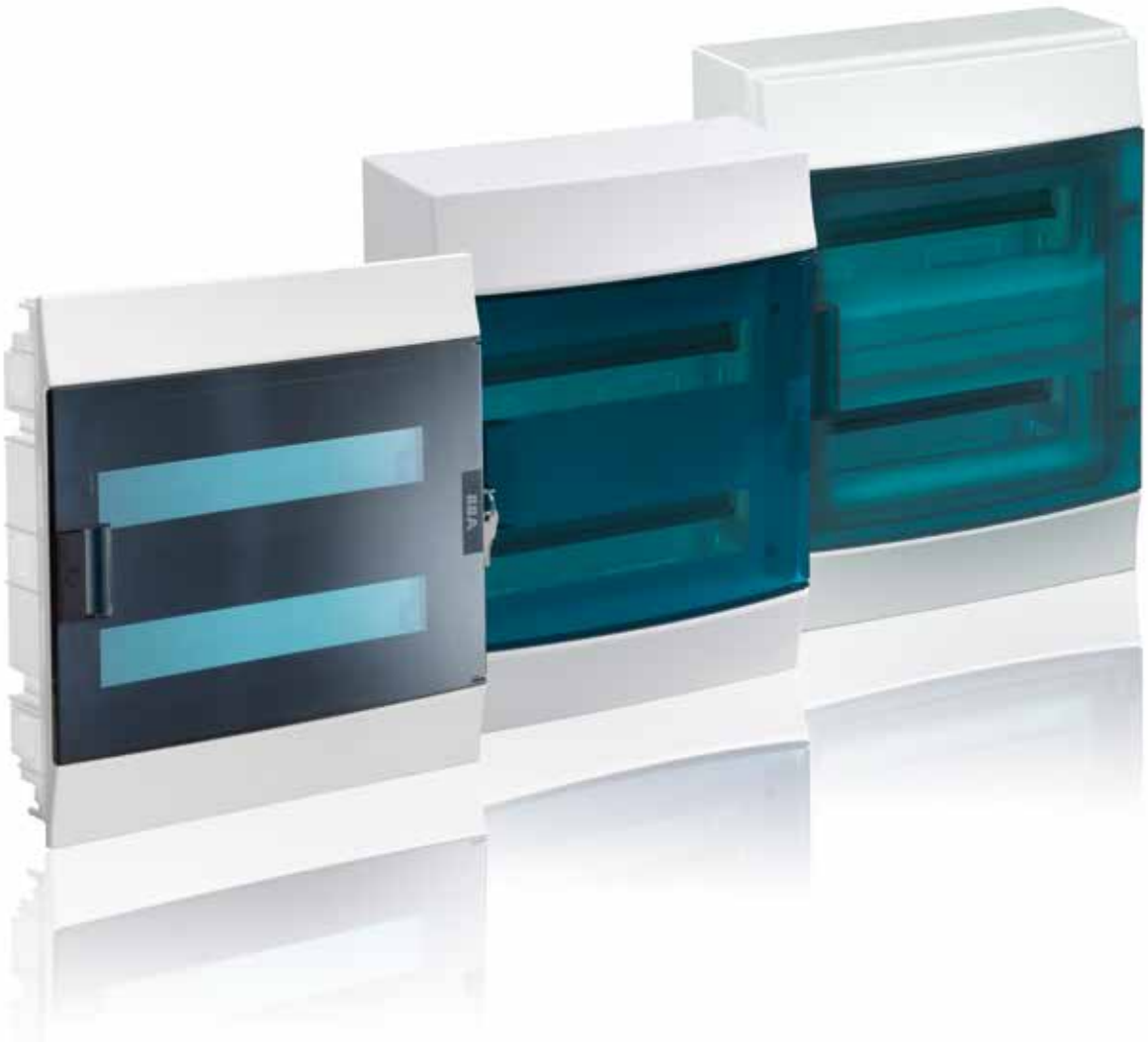
Technical details System pro *E* comfort MISTRAL41F 50
Technical details System pro *E* comfort MISTRAL41W 52
Technical details System pro *E* comfort MISTRAL65 54
Table of resistance to chemical agents IP41F and IP65 56
System pro *E* comfort MISTRAL41F, upper and lower knockouts 57
System pro *E* comfort MISTRAL65, upper and lower knockouts 59

Drawings and dimensions

System pro *E* comfort MISTRAL41F, overall dimensions 60
System pro *E* comfort MISTRAL41W, overall dimensions 62
System pro *E* comfort MISTRAL65, overall dimensions 64

System pro *E* comfort MISTRAL®
Create your own masterpiece

The new system pro *E* comfort MISTRAL® series of consumer units gives you the freedom and flexibility to install almost any kind of electrical distribution system in industrial, commercial or residential environments. These innovative units have been designed from scratch to enhance the unique features you expect from ABB in terms of versatility, efficiency and safety.



Fast and easy installation
Ample internal space makes cabling fast and easy, and also enables you to anchor cable ties to special eyeholes in the frame. Various snap-on terminal blocks in two different colours can be installed in both the upper and lower part of the units, offering you even more flexibility. The system pro *E* comfort MISTRAL® series is also fully compatible with a unified range of accessories for a wide variety of applications.

Elegant design features
Made from halogen-free (for GWT650 versions), recyclable thermoplastic, the series comes with IP41 and IP65 ratings. It also includes flush-fit and wall-mounted versions so there's always a solution to fit your decorative requirements. Other elegant design features include transparent or opaque doors that open up to 180º enabling full access to the interior of the units. Perfect symmetry also means you can rotate either the front panel or the entire unit to let the door opens from the right or the left.

Everything about the system pro *E* comfort MISTRAL® series has been designed to make installation easier, allowing you to set up high-quality consumer units that look great anywhere.

Innovating today does not just mean looking for functional and technologically advanced solutions. For ABB, being innovative means embracing a longer-term perspective by using eco-compatible materials for our products which respect the environment even at the end of their life cycle. For this reason, 100% recyclable halogen-free thermoplastics have been used for the consumer units.
Their environmental compatibility has been evaluated using the Life Cycle Assessment (LCA) method, an objective tool for assessing energy and environmental impact which analyses the energy and materials used and the emissions released during production.

System pro *E* comfort MISTRAL41F series
Create your own masterpiece

The new System pro *E* comfort MISTRAL41F series of consumer units gives you the freedom and flexibility to install any type of electrical distribution system in residential buildings. These flush-fit, IP41-rated units have been designed from scratch to enhance the unique features you expect from ABB in terms of versatility, efficiency and safety. The System pro *E* comfort MISTRAL41F series is one of the widest ranges on the market, so there's always a solution to fit your requirements. The units come in various sizes with three cable entry options and space up to 72 modules, enabling installation in brick, concrete or plasterboard walls. The depth of the box ensures a perfect balance between internal space and installation in thin walls. And with a front cover depth of less than 30 mm, the units fit in the tightest spaces. Everything about the System pro *E* comfort MISTRAL41F series has been designed to make installation easier, allowing you to set up high-quality consumer units you can be proud of.

Elegant design
combines reliable technology
with a modern decorative look.

Endless installation possibilities

Door opens up to 180º allowing full access to the interior of the unit.

Door available in two versions: petrol blue and opaque.

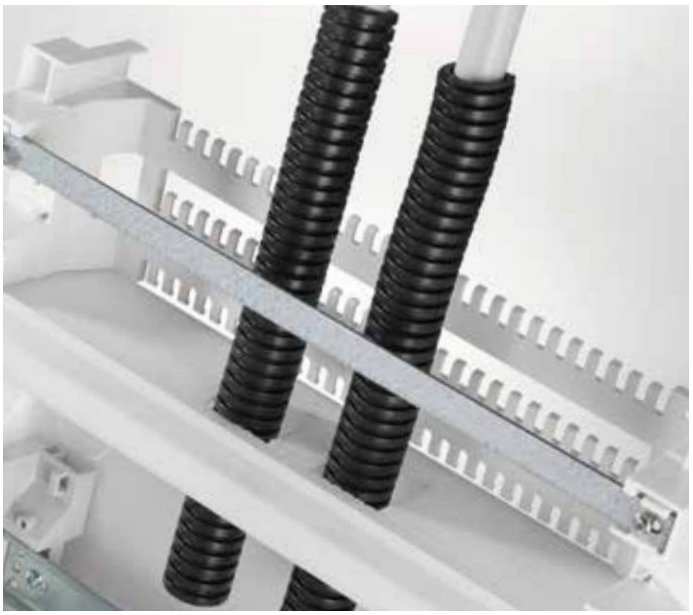
The depth of the base box ensures a perfect balance between internal space and the possibility of installation in thin walls

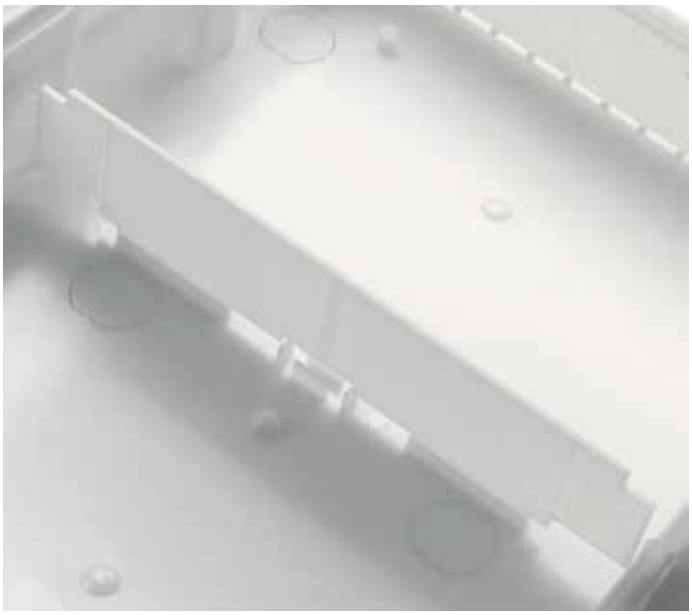
The symmetrical design allows opening of the reversible door either from the left or from the right.

Endless installation possibilities

Horizontal coupling
The consumer units can be coupled side by side with the horizontal junction unit accessory, protecting the passage of cables between adjacent units.

Mortar guard
All versions include a mortar guard that prevents mortar sprays inside the consumer unit.





Dual-function accessory
A single accessory performs a dual function. It can be used to fix pipes to the unit's housing or to vertically couple two consumer units.

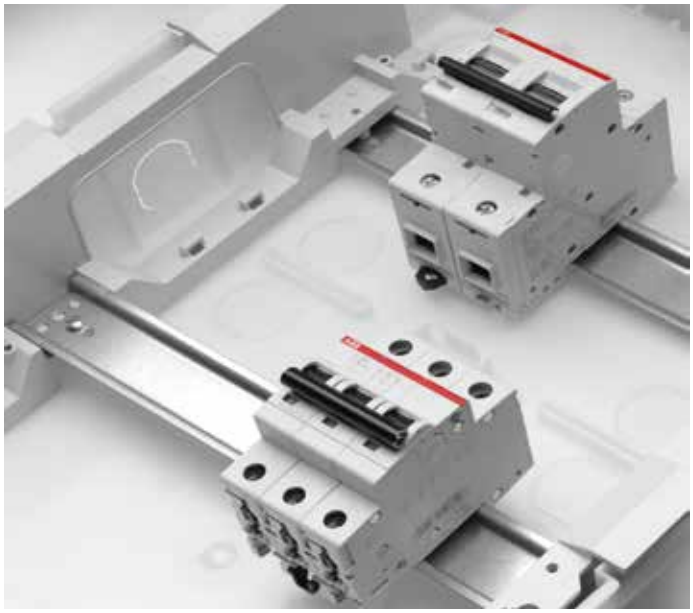
Internal partition
The horizontal partition allows the interior of the unit to be divided into two parts.

Flanges

The flange with multi pre-cuts is designed to be sheared only where necessary in order to ensure a more secure fastening. The removable flange with knockout holes ensure a reliable and safe placing of flexible pipes and other conduits, especially in plasterboard installation.

Two DIN rail positions

The extraxtable frame has two DIN rail positions so devices of different depths, like S200 or S800 miniature circuit breakers, can be installed in perfect alignment.



Captive screw covers

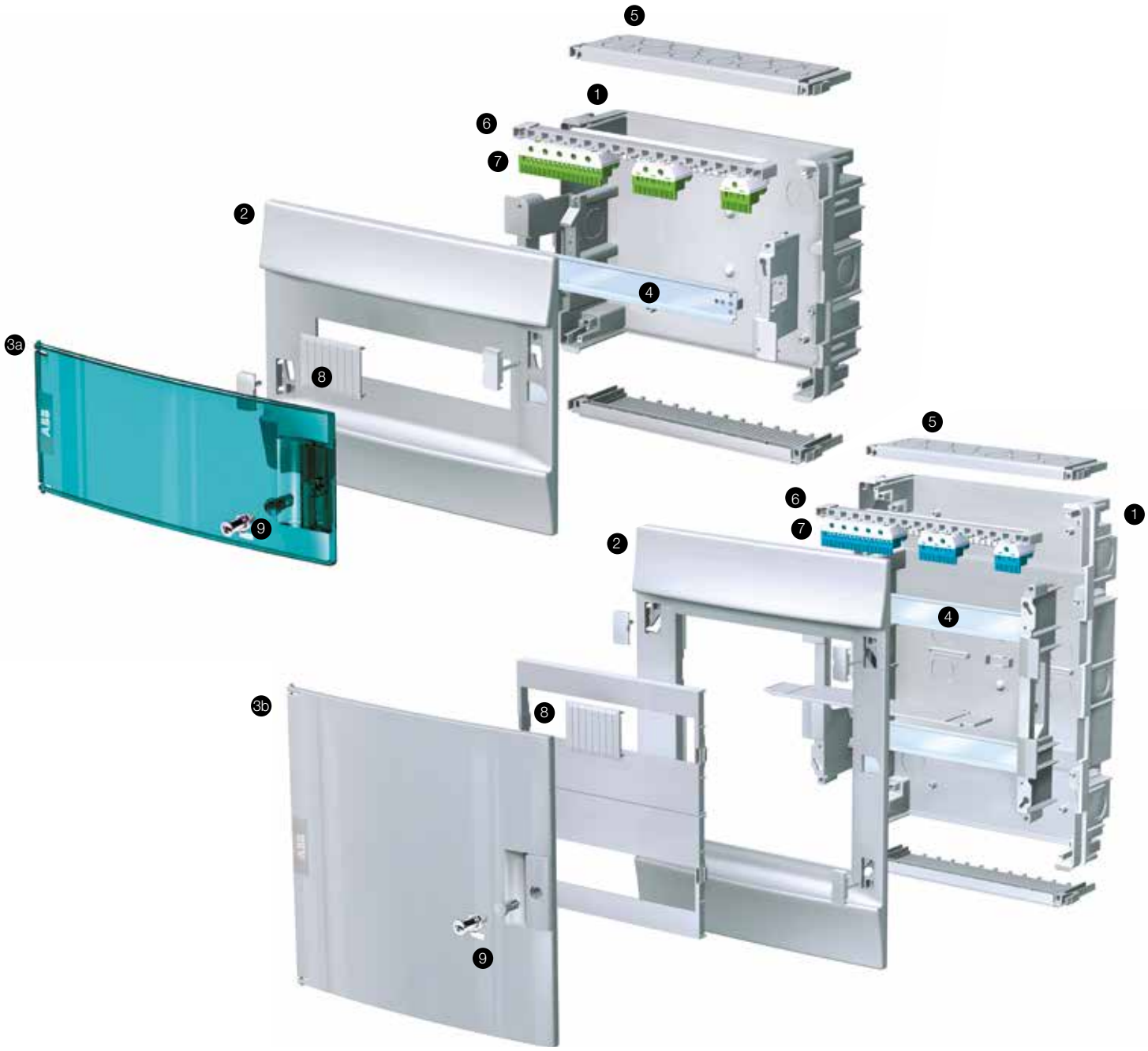
Screw covers are hooked to the front panel so they can be removed without the risk of losing them.

DIN rail terminals

It is possible to install an extra DIN rail at the bottom of the consumer unit.

A versatile range suitable for every application

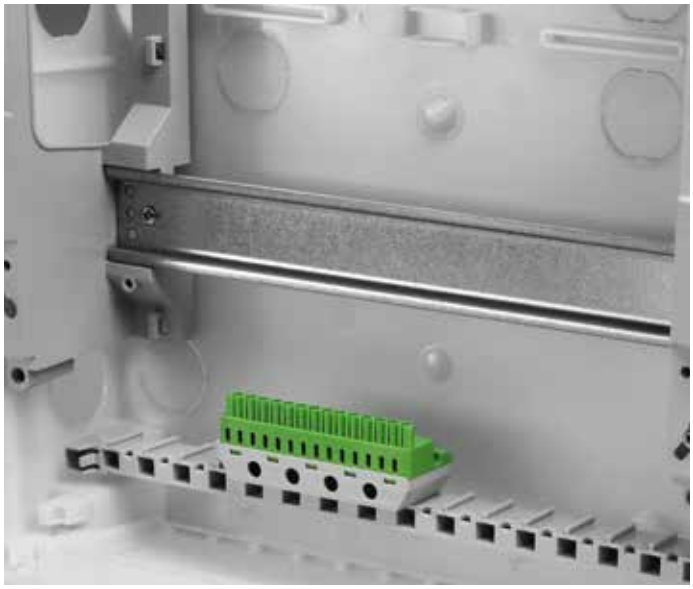
The System pro *E* comfort MISTRAL41F series' simple construction makes the units fast and easy to assemble. What's more, their flexible design means they can be easily adapted to countless application requirements.



1. Base for wall mounting
2. Reversible cover
3. a) Transparent door
   b) Opaque door, RAL7035
4. DIN rail
5. Cable entry flanges
6. Terminal carrier
7. Quick coupling terminal blocks
8. Module cover
9. Finish or closure element (optional lock)

Horizontal levelling

The external adjustments of the front cover assure a perfect horizontal levelling even if the consumer unit is slightly crooked.

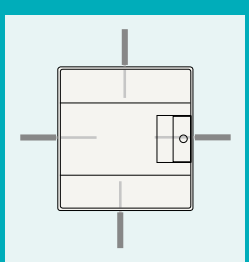


New generations terminals

The new System pro *E* comfort MISTRAL® range of consumer units is supplied with a wide, completely new ABB terminal block range. Two different versions offer screw and spring fast coupling for easy and effective cabling up to 63A or 100A.

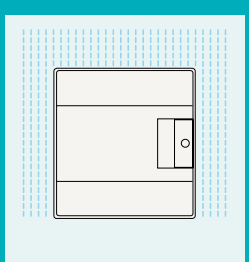
Ingress protection rating IP41

First number: 4



- Protection against contact with active or internal moving parts by external objects like tools or wires thicker than 1 mm

Second number: 1



- Protection against vertically falling drops of water e.g. condensation

System pro *E* comfort MISTRAL41F, order codes 650

1SLM004100A1100

1SLM004100A1200

4 modules

1SLM004100A1101

1SLM004100A1201

6 modules

1SLM004100A1102

1SLM004100A1202

8 modules

1SLM004100A1103

1SLM004100A1203

12 modules

1SLM004100A1104

1SLM004100A1204

18 modules

Description	GWT	N° of modules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Packaging
1 Row						
Consumer units MISTRAL41 flush opaque door 4M	650	4	152x202x105	1SLM004100A1100		1/24
Consumer units MISTRAL41 flush transparent door 4M	650	4	152x202x105	1SLM004100A1200		1/24
Front MISTRAL41 flush transparent door 4M	650	4	152x202x25	1SLM004100A1600		1/24
Flush-mounting box 650 MISTRAL41 4M	650	4	129x182x80	1SLM004100A1700		1/24
Consumer units MISTRAL41 flush opaque door 6M	650	6	192x202x105	1SLM004100A1101		1/18
Consumer units MISTRAL41 flush transparent door 6M	650	6	192x202x105	1SLM004100A1201		1/18
Front MISTRAL41 flush transparent door 6M	650	6	192x202x25	1SLM004100A1601		1/18
Flush-mounting box 650 MISTRAL41 6M	650	6	149x182x80	1SLM004100A1701		1/18
Consumer units MISTRAL41 flush opaque door 8M	650	8	232x250x108	1SLM004100A1102		1/12
Consumer units MISTRAL41 flush transparent door 8M	650	8	232x250x108	1SLM004100A1202		1/12
Front MISTRAL41 flush transparent door 8M	650	8	232x250x28	1SLM004100A1602		1/12
Flush-mounting box 650 MISTRAL41 8M	650	8	206x230x80	1SLM004100A1702		1/12
Consumer units MISTRAL41 flush opaque door 12M	650	12	320x250x108	1SLM004100A1103		1/9
Consumer units MISTRAL41 flush transparent door 12M	650	12	320x250x108	1SLM004100A1203		1/9
Front MISTRAL41 flush transparent door 12M	650	12	320x250x28	1SLM004100A1603		1/9
Flush-mounting box 650 MISTRAL41 12M	650	12	294x230x80	1SLM004100A1703		1/9
Consumer units MISTRAL41 flush opaque door 18M	650	18	430x250x108	1SLM004100A1104		1/6
Consumer units MISTRAL41 flush transparent door 18M	650	18	430x250x108	1SLM004100A1204		1/6
Front MISTRAL41 flush transparent door 18M	650	18	430x250x28	1SLM004100A1604		1/6
Flush-mounting box 650 MISTRAL41 18M	650	18	404x230x80	1SLM004100A1704		1/6

1SLM004100A1105

1SLM004100A1205

24 modules

1SLM004100A11056

1SLM004100A1206

36 modules

Description	GWT	N° of modules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Packaging
2 Rows						
Consumer units Mistral41 flush opaque door 24M	650	24	320x435x108	1SLM004100A1105		1/5
Consumer units Mistral41 flush transparent door 24M	650	24	320x435x108	1SLM004100A1205		1/5
Front Mistral41 flush transparent door 24M	650	24	320x435x28	1SLM004100A1605		1/5
Flush-mounting box 650 Mistral41 24M	650	24	294x415x80	1SLM004100A1705		1/5
Consumer units Mistral41 flush opaque door 36M 2F	650	36	430x435x108	1SLM004100A1106		1/3
Consumer units Mistral41 flush transparent door 36M 2F	650	36	430x435x108	1SLM004100A1206		1/3

36 modules

54 modules

Description	GWT	N° of mo-dules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Pack-aging
3 Rows						
Consumer units MISTRAL41 flush opaque door 36M 3F	650	36	320x600x108	1SLM004100A1107		1/4
Consumer units MISTRAL41 flush transparent door 36M 3F	650	36	320x600x108	1SLM004100A1207		1/4
Consumer units MISTRAL41 flush opaque door 54M	650	54	430x600x128	1SLM004100A1109		1/1
Consumer units MISTRAL41 flush transparent door 54M	650	54	430x600x128	1SLM004100A1209		1/1

48 modules

72 modules

Description	GWT	N° of mo-dules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Packaging
4 Rows						
Consumer units MISTRAL41 flush opaque door 48M	650	48	320x735x108	1SLM004100A1108		1/1
Consumer units MISTRAL41 flush transparent door 48M	650	48	320x735x108	1SLM004100A1208		1/1
Consumer units MISTRAL41 flush opaque door 72M	650	72	430x735x128	1SLM004100A1110		1/1
Consumer units MISTRAL41 flush transparent door 72M	650	72	430x735x128	1SLM004100A1210		1/1

System pro *E* comfort MISTRAL41F, order codes 850

4 modules

6 modules

8 modules

12 modules

18 modules

Description	GWT	N° of modules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Packaging
1 Row						
Consumer units MISTRAL41 flush 850 opaque door 4M	850	4	152x202x105	1SLM004100A1300		1/24
Consumer units MISTRAL41 flush 850 transparent door 4M	850	4	152x202x105	1SLM004100A1400		1/24
Consumer units MISTRAL41 flush 850 opaque door 6M	850	6	192x202x105	1SLM004100A1301		1/18
Consumer units MISTRAL41 flush 850 transparent door 6M	850	6	192x202x105	1SLM004100A1401		1/18
Consumer units MISTRAL41 flush 850 opaque door 8M	850	8	232x250x108	1SLM004100A1302		1/12
Consumer units MISTRAL41 flush 850 transparent door 8M	850	8	232x250x108	1SLM004100A1402		1/12
Consumer units MISTRAL41 flush 850 opaque door 12M	850	12	320x250x108	1SLM004100A1303		1/9
Consumer units MISTRAL41 flush 850 transparent door 12M	850	12	320x250x108	1SLM004100A1403		1/9
Consumer units MISTRAL41 flush 850 opaque door 18M	850	18	430x250x108	1SLM004100A1304		1/6
Consumer units MISTRAL41 flush 850 transparent door 18M	850	18	430x250x108	1SLM004100A1404		1/6

24 modules

36 modules

Description	GWT	N° of modules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Packaging
2 Rows						
Consumer units MISTRAL41 flush 850 opaque door 24M	850	24	320x435x108	1SLM004100A1305		1/5
Consumer units MISTRAL41 flush 850 transparent door 24M	850	24	320x435x108	1SLM004100A1405		1/5
Consumer units MISTRAL41 flush 850 opaque door 36M 2F	850	36	430x435x108	1SLM004100A1306		1/3
Consumer units MISTRAL41 flush 850 transparent door 36M 2F	850	36	430x435x108	1SLM004100A1406		1/3

Description	GWT	N° of modules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Packaging
3 Rows						
Consumer units MISTRAL41 flush 850 opaque door 36M 3F	850	36	320x600x108	1SLM004100A1307		1/4
Consumer units MISTRAL41 flush 850 transparent door 36M 3F	850	36	320x600x108	1SLM004100A1407		1/4

36 modules

Consumer units MISTRAL41 flush 850 opaque door 54M	850	54	430x600x128	1SLM004100A1309		1/1
Consumer units MISTRAL41 flush 850 transparent door 54M	850	54	430x600x128	1SLM004100A1409		1/1

54 modules

Description	GWT	N° of modules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Packaging
4 Rows						
Consumer units MISTRAL41 flush 850 opaque door 48M	850	48	320x735x108	1SLM004100A1308		1/1
Consumer units MISTRAL41 flush 850 transparent door 48M	850	48	320x735x108	1SLM004100A1408		1/1

48 modules

Consumer units MISTRAL41 flush 850 opaque door 72M	850	72	430x735x128	1SLM004100A1310		1/1
Consumer units MISTRAL41 flush 850 transparent door 72M	850	72	430x735x128	1SLM004100A1410		1/1

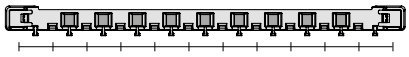
72 modules

System pro *E* comfort MISTRAL41F, order codes with terminals

Description	GWT	N° of modules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Packaging
MISTRAL41F flush transparent door 8M 12SM	650	8	232x250x108	1SLM004101A1202		1/12

1SLM004100A1202

8 modules



1SPE007715F0751

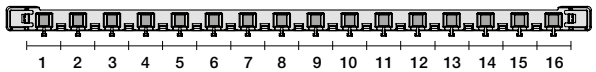
1SPE007715F0731

1SPE007715F0741

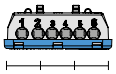
MISTRAL41F flush transparent door 12M 12SM	650	12	320x250x108	1SLM004101A1203		1/8

1SLM004100A1203

12 modules



1SPE007715F0752



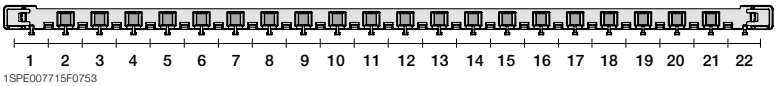
1SPE007715F0731

1SPE007715F0741

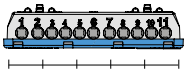
MISTRAL41F flush transparent door 18M 22SM	650	18	430x250x108	1SLM004101A1204		1/6

1SLM004100A1204

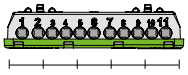
18 modules



1SPE007715F0753



1SPE007715F0732

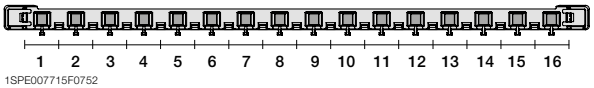


1SPE007715F0742

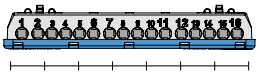
MISTRAL41F flush transparent door 24M 32SM	650	24	320x435x108	1SLM004101A1205		1/5

1SLM004100A1205

24 modules



1SPE007715F0752



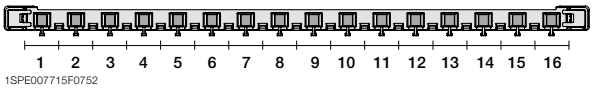
1SPE007715F0733

1SPE007715F0743

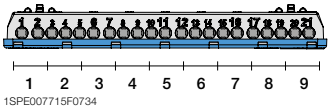
MISTRAL41F flush transparent door 36M 2F 42SM	650	36	430x435x108	1SLM004101A1206		1/3

8010012F0901

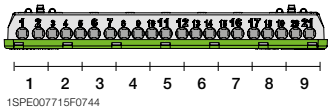
36 modules



1SPE007715F0752

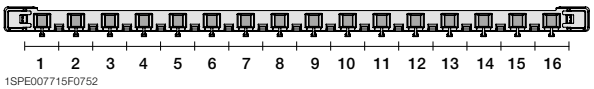


1SPE007715F0734

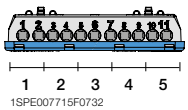


1SPE007715F0744

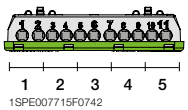
MISTRAL41F flush transparent door 36M 3F 44SM	650	36	320x600x108	1SLM004101A1207		1/4



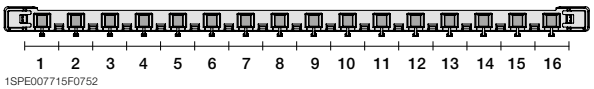
1SPE007715F0752



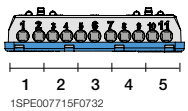
1SPE007715F0732



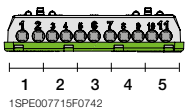
1SPE007715F0742



1SPE007715F0752



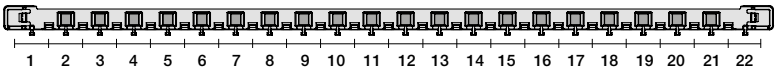
1SPE007715F0732



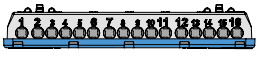
1SPE007715F0742

Description	GWT	N° of modules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Packaging
MISTRAL41F flush transparent door 54M 64SM	650	54	430x600x128	1SLM004101A1209		1/1

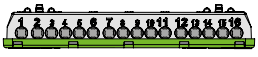
54 modules



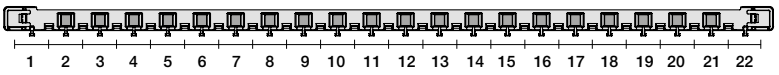
1SPE007715F0753



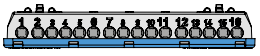
1SPE007715F0733



1SPE007715F0743



1SPE007715F0753

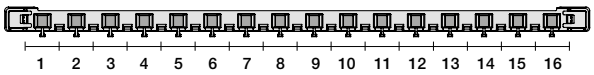


1SPE007715F0733

1SPE007715F0743

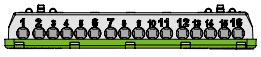
MISTRAL41F flush transparent door 48M 64SM	650	48	320x735x108	1SLM004101A1208		1/1

48 modules

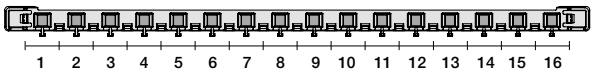


1SPE007715F0752

1SPE007715F0733



1SPE007715F0743



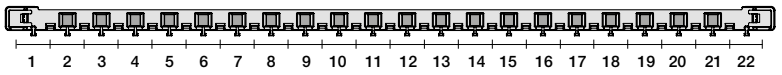
1SPE007715F0752

1SPE007715F0733

1SPE007715F0743

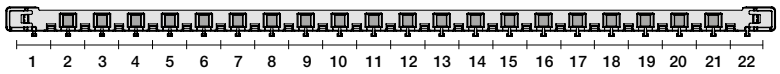
MISTRAL41F flush transparent door 72M 84SM	650	72	430x735x128	1SLM004101A1210		1/1

72 modules



1SPE007715F0753

1SPE007715F0734



1SPE007715F0753

1SPE007715F0744

System pro *E* comfort MISTRAL41F, order codes accessories

Opaque door

Transparent door

Description	N° of modules [18mm]	ABB code	Article number	Packaging
Opaque door				
Opaque door 4M MISTRAL41F	4	1SLM004100A1900		1/20
Opaque door 6M MISTRAL41F	6	1SLM004100A1916		1/20
Opaque door 8M MISTRAL41F	8	1SLM004100A1902		1/10
Opaque door 12M MISTRAL41F	12	1SLM004100A1904		1/20
Opaque door 18M MISTRAL41F	18	1SLM004100A1906		1/20
Opaque door 24M / 48M MISTRAL41F	24	1SLM004100A1908		1/15
Opaque door 36M MISTRAL41F	36	1SLM004100A1910		1/10
Opaque door 36M / 72M MISTRAL41F	36	1SLM004100A1912		1/10
Opaque door 54M MISTRAL41F	54	1SLM004100A1914		1/5
Transparent door				
Transparent door 4M MISTRAL41F	4	1SLM004100A1901		1/20
Transparent door 6M MISTRAL41F	6	1SLM004100A1917		1/20
Transparent door 8M MISTRAL41F	8	1SLM004100A1903		1/10
Transparent door 12M MISTRAL41F	12	1SLM004100A1905		1/20
Transparent door 18M MISTRAL41F	18	1SLM004100A1907		1/20
Transparent door 24M / 48M MISTRAL41F	24	1SLM004100A1909		1/15
Transparent door 36M MISTRAL41F	36	1SLM004100A1911		1/10
Transparent door 36M / 72M MISTRAL41F	36	1SLM004100A1913		1/10
Transparent door 54M MISTRAL41F	54	1SLM004100A1915		1/5

1SLM004100A1949

Horizontal junction unit

1SLM004100A1942

Wires holder comb

1SLM004100A1945

Blind panels

11SLM004100A1931

Lock

1SLM004100A1929

Module cover

1SLM004100A1922

Vertical coupling / tube holders

1SLM004100A1920

Horizontal partition

Description	N° of modules [18mm]	ABB code	Article number	Packaging
Other accessories				
Horizontal partition 12M MISTRAL41F	12	1SLM004100A1920		1/100
Horizontal partition 18M MISTRAL41F	18	1SLM004100A1921		1/100
Vertical coupling / tubes holder 12M	12	1SLM004100A1922		1/20
Vertical coupling / tubes holder 18M	18	1SLM004100A1923		1/15
Module cover 12M RAL9016	12	1SLM004100A1929		5/180
Lock with key MISTRAL41F		1SLM004100A1931		20/300
Central blind panel 12M MISTRAL41F	12	1SLM004100A1945		1/20
Blind panel 12M MISTRAL41F	12	1SLM004100A1946		1/20
Central blind panel 18M MISTRAL41F	18	1SLM004100A1947		1/30
Blind panel 18M MISTRAL41F	18	1SLM004100A1948		1/30
Horizontal junction unit		1SLM004100A1949		1/50
Wires holder comb		1SLM004100A1942		1/30

System pro *E* comfort MISTRAL41W series
Create your own masterpiece

The new System pro *E* comfort MISTRAL41W series of consumer units gives installers the freedom and flexibility to implement any type of electrical distribution system in residential buildings. This wide range of wall-mounted, IP41-rated units has been designed from scratch to enhance the unique features that make ABB the leading industry standard. The units are fast and easy to install and with their elegant design they look great anywhere. What's more, ample internal space, a choice of doors and a unified range of accessories offer endless possibilities to create high-quality work installers can be proud of.

Fast and easy to be installed.
Design and simplicity "all in one".

Endless installation possibilities

Door opens up to 180° allowing full access to the interior of the unit.

Door available in two versions: petrol blue and opaque. Units without doors are also available.

Concealed rear mounts for secure wall installation.

The symmetrical design allows opening of the reversible door either from the left or from the right.

Endless installation possibilities

Invisible cable entry and exit

Pre-cut knockout slots allow cable entry and exit from the top and bottom. When not used, the slots remain invisible on the outside maintaining the consumer unit's sleek look and feel.

More than enough internal space

Lots of internal space makes cabling even easier. Cable clips and holes allow wires to be fastened to the frame with simple cable ties.

Easy installation of extra modules

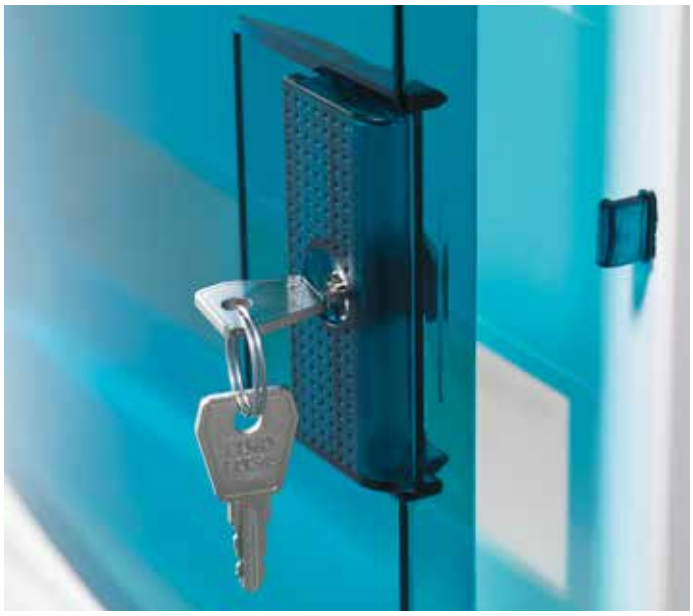
An extra module can be added by removing two pre-cut elements. This offers a quick and easy solution when unexpected additional installation is required.

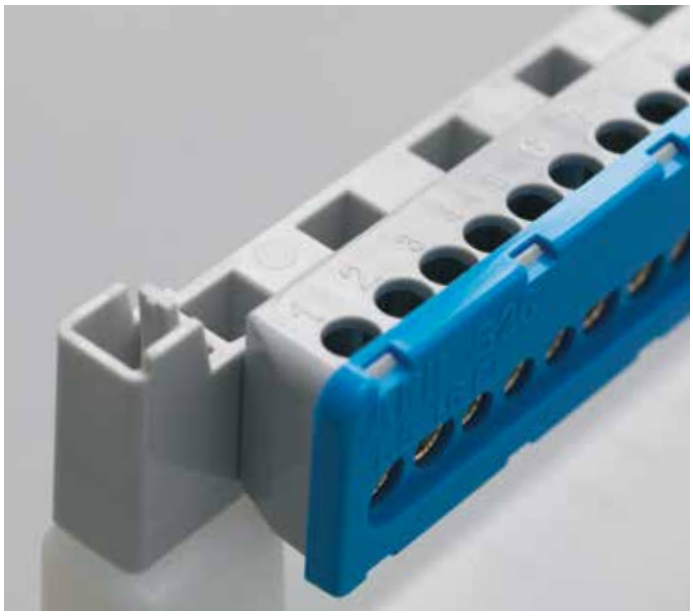
Fast and tidy cabling

Various snap-on terminal blocks for N and PE connection be installed in the upper and lower part of the unit.
Two versions offer screw or spring couplings.

Double insulation protection
The unit housing and all accessories have been designed and developed to ensure Class II double insulation protection.

Multi-row units
Multi-row units are available with a standard distance of 125 mm between DIN rails.



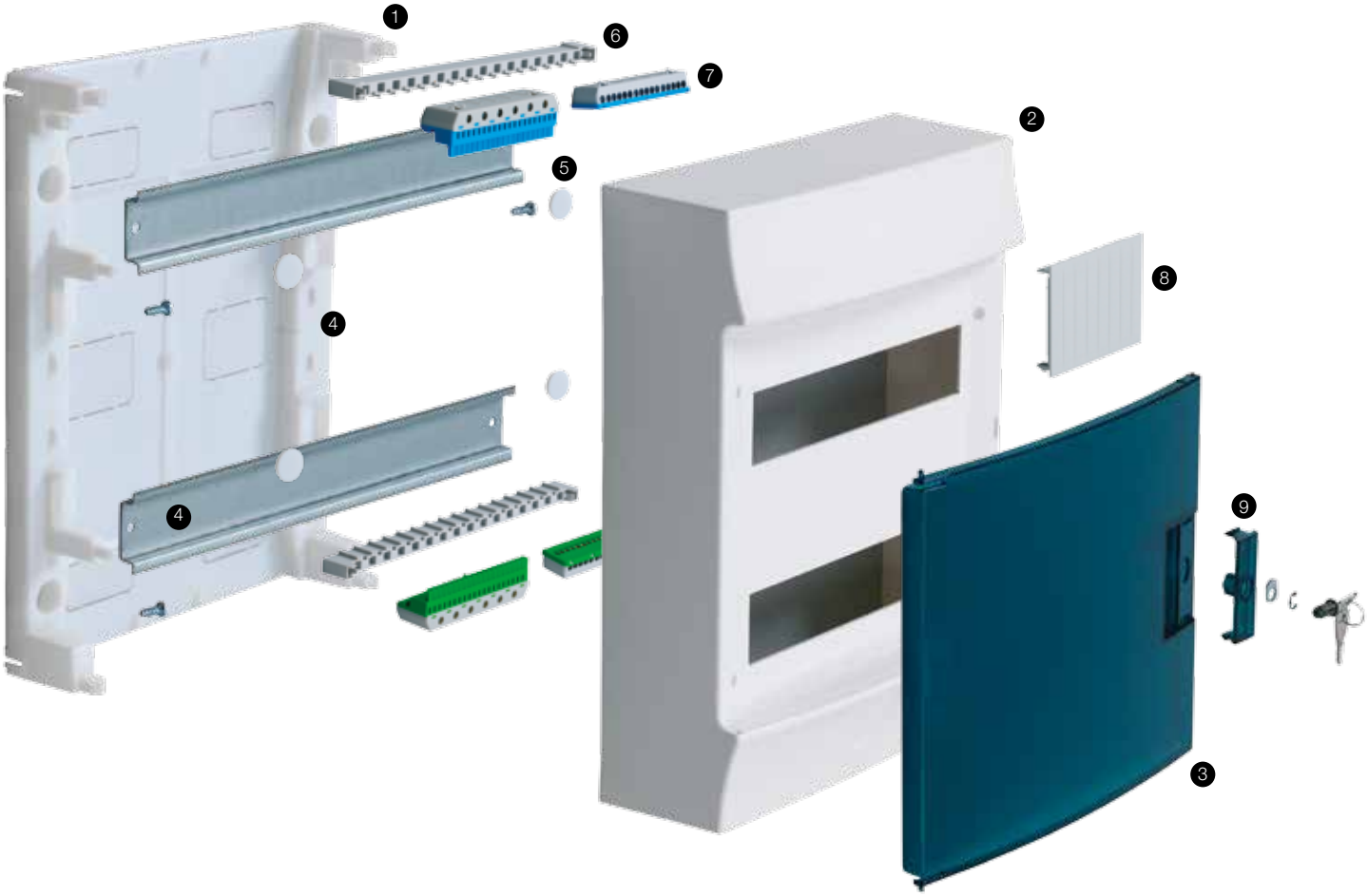


Optional door lock
The standard door with ergonomic handle is available with a lock for added security.

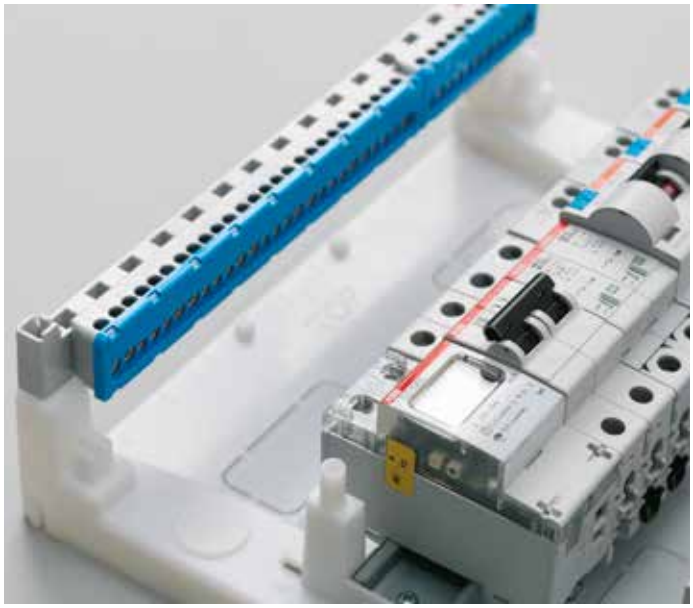
New generation terminals
The new System pro *E* comfort MISTRAL® range of consumer units is amended with a wide, completely new ABB terminal blocks. To different versions offer screw and spring fast coupling for easy and effective cabling up to 63A or 100A.

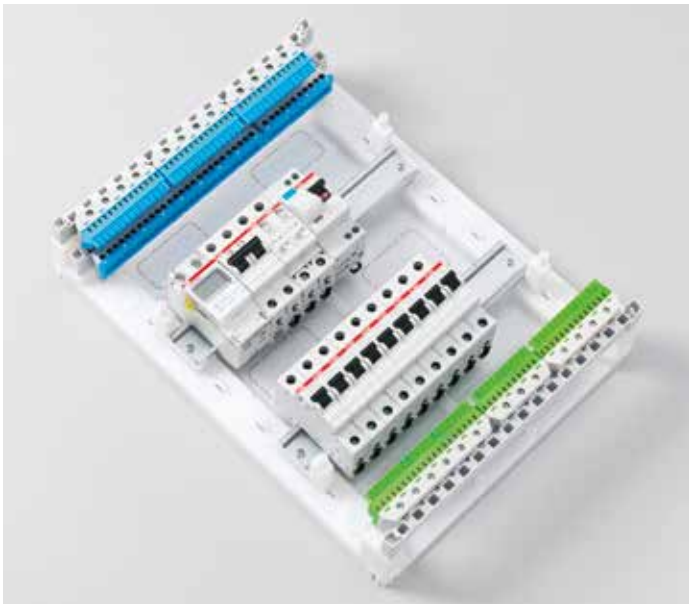
A versatile range suitable for every application

The System pro *E* comfort MISTRAL41W series' simple construction makes the units fast and easy to assemble. What's more, their flexible design means they can be easily adapted to countless application requirements.



1. Base for wall mounting
2. Reversible cover
3. Transparent door
4. DIN rail
5. Plugs, protection class II
6. Terminal carrier
7. Quick coupling terminal blocks
8. Module cover
9. Finish or closure element (optional lock)





A unified range of products

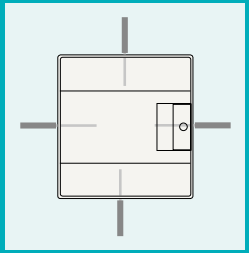
The System pro *E* comfort MISTRAL41W series is compatible with a unified range of ABB products. As a result, terminal blocks, circuit breakers, switches, surge protective devices and many other components can all be installed in the units for a wide variety of applications.

New generation terminals

A new generation of terminal blocks is available in different colours, wide range of sizes and two different connection options.

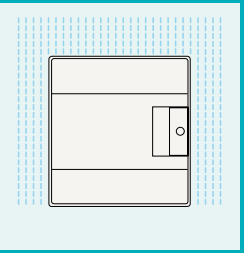
Ingress protection rating IP41

First number: 4



- Protection against contact with active or internal moving parts by external objects like tools or wires thicker than 1 mm

Second number: 1



- Protection against vertically falling drops of water e.g. condensation

System pro *E* comfort MISTRAL41W, order codes 650

Description	GWT	N° of modules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Packaging
1 Row						
Consumer units MISTRAL41 wall without door 2M	650	2	68x210x93	1SPE007717F0100		1/36

2 modules

Consumer units MISTRAL41 wall without door 4M	650	4	96x210x93	1SPE007717F0200		1/24
Consumer units MISTRAL41 wall opaque door 4M	650	4	96x210x93	1SPE007717F0210		1/24
Consumer units MISTRAL41 wall transparent door 4M	650	4	96x210x93	1SPE007717F0220		1/24

4 modules

Consumer units MISTRAL41 wall without door 8M	650	8	202x257x120	1SPE007717F0300		1/7
Consumer units MISTRAL41 wall opaque door 8M	650	8	202x257x120	1SPE007717F0310		1/7
Consumer units MISTRAL41 wall transparent door 8M	650	8	202x257x120	1SPE007717F0320		1/7

8 modules

Consumer units MISTRAL41 wall without door 12M	650	12	292x257x120	1SPE007717F0400		1/3
Consumer units MISTRAL41 wall opaque door 12M	650	12	292x257x120	1SPE007717F0410		1/3
Consumer units MISTRAL41 wall transparent door 12M	650	12	292x257x120	1SPE007717F0420		1/3

12 modules

Consumer units MISTRAL41 wall without door 18M	650	18	382x257x120	1SPE007717F0800		1/3
Consumer units MISTRAL41 wall opaque door 18M	650	18	382x257x120	1SPE007717F0810		1/3
Consumer units MISTRAL41 wall transparent door 18M	650	18	382x257x120	1SPE007717F0820		1/3

18 modules

Description	GWT	N° of modules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Packaging
2 Rows						
Consumer units MISTRAL41 wall without door 24M	650	24	292x382x120	1SPE007717F0500		1/2
Consumer units MISTRAL41 wall opaque door 24M	650	24	292x382x120	1SPE007717F0510		1/2
Consumer units MISTRAL41 wall transparent door 24M	650	24	292x382x120	1SPE007717F0520		1/2

24 modules

Consumer units MISTRAL41 wall without door 36M 2F	650	36	382x382x120	1SPE007717F0900		1/2
Consumer units MISTRAL41 wall opaque door 36M 2F	650	36	382x382x120	1SPE007717F0910		1/2
Consumer units MISTRAL41 wall transparent door 36M 2F	650	36	382x382x120	1SPE007717F0920		1/2

36 modules

36 modules

54 modules

Description	GWT	N° of mo-dules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Packaging
3 Rows						
Consumer units MISTRAL41 wall without door 36M 3F	650	36	292x507x120	1SPE007717F0600		1/2
Consumer units MISTRAL41 wall opaque door 36M 3F	650	36	292x507x120	1SPE007717F0610		1/2
Consumer units MISTRAL41 wall transparent door 36M 3F	650	36	292x507x120	1SPE007717F0620		1/2
Consumer units MISTRAL41 wall without door 54M	650	54	382x507x120	1SPE007717F1000		1/2
Consumer units MISTRAL41 wall opaque door 54M	650	54	382x507x120	1SPE007717F1010		1/2
Consumer units MISTRAL41 wall transparent door 54M	650	54	382x507x120	1SPE007717F1020		1/2

48 modules

72 modules

Description	GWT	N° of mo-dules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Packaging
4 Rows						
Consumer units MISTRAL41 wall without door 48M	650	48	292x656x120	1SPE007717F0700		1/1
Consumer units MISTRAL41 wall opaque door 48M	650	48	292x656x120	1SPE007717F0710		1/1
Consumer units MISTRAL41 wall transparent door 48M	650	48	292x656x120	1SPE007717F0720		1/1
Consumer units MISTRAL41 wall without door 72M	650	72	382x656x120	1SPE007717F1100		1/1
Consumer units MISTRAL41 wall opaque door 72M	650	72	382x656x120	1SPE007717F1110		1/1
Consumer units MISTRAL41 wall transparent door 72M	650	72	382x656x120	1SPE007717F1120		1/1

System pro *E* comfort MISTRAL41W, order codes 750

1SPE007717F1500

2 modules

1SPE007717F1610

1SPE007717F1620

4 modules

1SPE007717F1710

1SPE007717F1720

8 modules

1SPE007717F1810

1SPE007717F1820

12 modules

1SPE007717F2210

1SPE007717F2220

18 modules

Description	GWT	N° of modules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Packaging
1 Row						
Consumer units MISTRAL41 wall without door 2M	750	2	68x210x93	1SPE007717F1500		1/36
Consumer units MISTRAL41 wall without door 4M	750	4	96x210x93	1SPE007717F1600		1/24
Consumer units MISTRAL41 wall opaque door 4M	750	4	96x210x93	1SPE007717F1610		1/24
Consumer units MISTRAL41 wall transparent door 4M	750	4	96x210x93	1SPE007717F1620		1/24
Consumer units MISTRAL41 wall without door 8M	750	8	202x257x120	1SPE007717F1700		1/7
Consumer units MISTRAL41 wall opaque door 8M	750	8	202x257x120	1SPE007717F1710		1/7
Consumer units MISTRAL41 wall transparent door 8M	750	8	202x257x120	1SPE007717F1720		1/7
Consumer units MISTRAL41 wall without door 12M	750	12	292x257x120	1SPE007717F1800		1/3
Consumer units MISTRAL41 wall opaque door 12M	750	12	292x257x120	1SPE007717F1810		1/3
Consumer units MISTRAL41 wall transparent door 12M	750	12	292x257x120	1SPE007717F1820		1/3
Consumer units MISTRAL41 wall without door 18M	750	18	382x257x120	1SPE007717F2200		1/3
Consumer units MISTRAL41 wall opaque door 18M	750	18	382x257x120	1SPE007717F2210		1/3
Consumer units MISTRAL41 wall transparent door 18M	750	18	382x257x120	1SPE007717F2220		1/3

1SPE007717F1910

1SPE007717F1920

24 modules

1SPE007717F2310

1SPE007717F2320

Description	GWT	N° of modules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Packaging
2 Rows						
Consumer units MISTRAL41 wall without door 24M	750	24	292x382x120	1SPE007717F1900		1/2
Consumer units MISTRAL41 wall opaque door 24M	750	24	292x382x120	1SPE007717F1910		1/2
Consumer units MISTRAL41 wall transparent door 24M	750	24	292x382x120	1SPE007717F1920		1/2
Consumer units MISTRAL41 wall without door 36M 2F	750	36	382x382x120	1SPE007717F2300		1/2
Consumer units MISTRAL41 wall opaque door 36M 2F	750	36	382x382x120	1SPE007717F2310		1/2
Consumer units MISTRAL41 wall transparent door 36M 2F	750	36	382x382x120	1SPE007717F2320		1/2

1SPE007717F2010

1SPE007717F2020

36 modules

Description	GWT	N° of modules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Packaging
3 Rows						
Consumer units MISTRAL41 wall without door 36M 3F	750	36	292x507x120	1SPE007717F2000		1/2
Consumer units MISTRAL41 wall opaque door 36M 3F	750	36	292x507x120	1SPE007717F2010		1/2
Consumer units MISTRAL41 wall transparent door 36M 3F	750	36	292x507x120	1SPE007717F2020		1/2

1SPE007717F2410

1SPE007717F2420

54 modules

Consumer units MISTRAL41 wall without door 54M	750	54	382x507x120	1SPE007717F2400		1/2
Consumer units MISTRAL41 wall opaque door 54M	750	54	382x507x120	1SPE007717F2410		1/2
Consumer units MISTRAL41 wall transparent door 54M	750	54	382x507x120	1SPE007717F2420		1/2

1SPE007717F0710

1SPE007717F0720

48 modules

Description	GWT	N° of modules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Packaging
4 Rows						
Consumer units MISTRAL41 wall without door 48M	750	48	292x656x120	1SPE007717F2100		1/1
Consumer units MISTRAL41 wall opaque door 48M	750	48	292x656x120	1SPE007717F2110		1/1
Consumer units MISTRAL41 wall transparent door 48M	750	48	292x656x120	1SPE007717F2120		1/1

1SPE007717F2510

1SPE007717F2520

72 modules

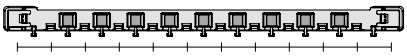
Consumer units MISTRAL41 wall without door 72M	750	72	382x656x120	1SPE007717F2500		1/1
Consumer units MISTRAL41 wall opaque door 72M	750	72	382x656x120	1SPE007717F2510		1/1
Consumer units MISTRAL41 wall transparent door 72M	750	72	382x656x120	1SPE007717F2520		1/1

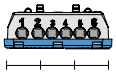
System pro *E* comfort MISTRAL41W, order codes with terminals

Description	GWT	N° of modules [18 mm]	Dimensions WxHxD [mm]	ABB code	Articel number	Packaging
MISTRAL41W transparent door 8M 12SM	650	8	202x257x120	1SPE007717F0321		1/7

1SPE007717F0320

8 modules


1 2 3 4 5 6 7 8 9 10 11
1SPE007715F0751

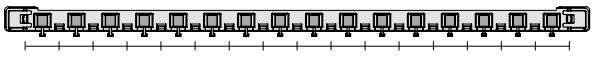

1 2 3
1SPE007715F0731

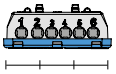
1 2 3
1SPE007715F0741

MISTRAL41W transparent door 12M 12SM	650	12	292x257x120	1SPE007717F0421		1/3

1SPE007717F0420

12 modules


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
1SPE007715F0752

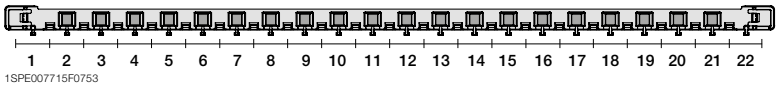

1 2 3
1SPE007715F0731

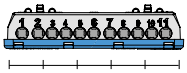
1 2 3
1SPE007715F0741

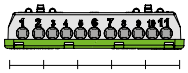
MISTRAL41W transparent door 18M 22SM	650	18	382x257x120	1SPE007717F0821		1/3

1SPE007717F0820

18 modules


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22
1SPE007715F0753

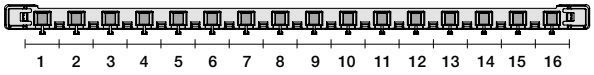

1 2 3 4 5
1SPE007715F0732

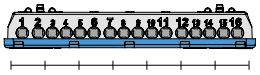

1 2 3 4 5
1SPE007715F0742

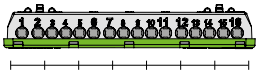
MISTRAL41W transparent door 24M 32SM	650	24	292x382x120	1SPE007717F0521		1/2

1SPE007717F0520

24 modules


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
1SPE007715F0752

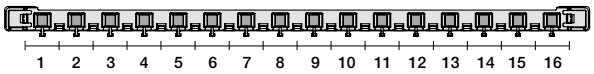

1 2 3 4 5 6 7
1SPE007715F0733

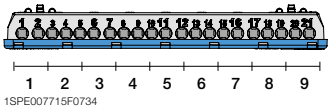

1 2 3 4 5 6 7
1SPE007715F0743

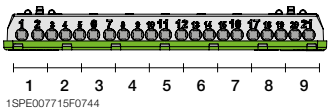
MISTRAL41W transparent door 36M 2F 42SM	650	36	382x382x120	1SPE007717F0921		1/2

1SPE007717F0920

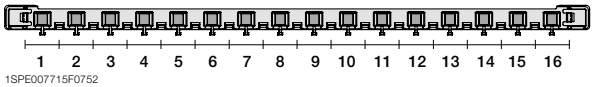
36 modules

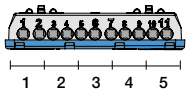

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
1SPE007715F0752

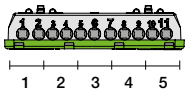

1 2 3 4 5 6 7 8 9
1SPE007715F0734

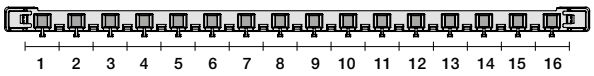

1 2 3 4 5 6 7 8 9
1SPE007715F0744

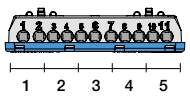
MISTRAL41W transparent door 36M 3F 44SM	650	36	292x507x120	1SPE007717F0621		1/2

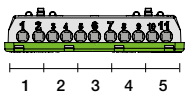

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
1SPE007715F0752


1 2 3 4 5
1SPE007715F0732


1 2 3 4 5
1SPE007715F0742

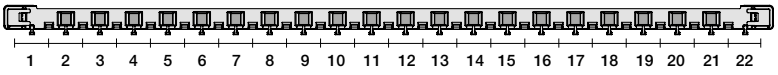

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
1SPE007715F0752


1 2 3 4 5
1SPE007715F0732

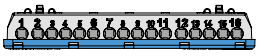

1 2 3 4 5
1SPE007715F0742

Description	GWT	N° of modules [18 mm]	Dimensions WxHxD [mm]	ABB code	Articel number	Packaging
MISTRAL41W transparent door 54M 64SM	650	54	382x507x120	1SPE007717F1021		1/2

54 modules

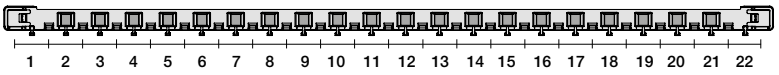


1SPE007715F0753

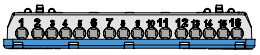


1SPE007715F0733

1SPE007715F0743



1SPE007715F0753

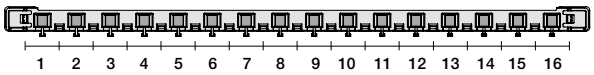


1SPE007715F0733

1SPE007715F0743

MISTRAL41W transparent door 48M 64SM	650	48	292x656x120	1SPE007717F0721		1/1

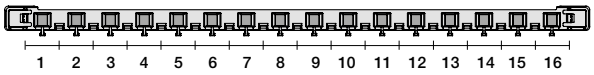
48 modules



1SPE007715F0752

1SPE007715F0733

1SPE007715F0743



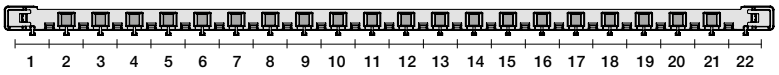
1SPE007715F0752

1SPE007715F0733

1SPE007715F0743

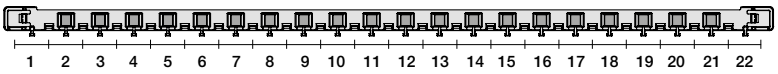
MISTRAL41W transparent door 72M 84SM	650	72	382x656x120	1SPE007717F1121		1/1

72 modules



1SPE007715F0753

1SPE007715F0734



1SPE007715F0753

1SPE007715F0744

System pro *E* comfort MISTRAL41W, order codes accessories

Opaque door

Transparent door

Description	N° of modules [18mm]	ABB code	Article number	Packaging
Opaque door				
Opaque door 4M MISTRAL41W	4	1SPE007717F9900		1/24
Opaque door 8M MISTRAL41W	8	1SPE007717F9901		1/14
Opaque door 12M MISTRAL41W	12	1SPE007717F9902		1/14
Opaque door 24/48M MISTRAL41W	24/48	1SPE007717F9903		1/15
Opaque door 36M (3 rows) MISTRAL41W	36	1SPE007717F9904		1/18
Opaque door 18M MISTRAL41W	18	1SPE007717F9905		1/14
Opaque door 36/72M (2 rows) MISTRAL41W	36/72	1SPE007717F9906		1/18
Opaque door 54M MISTRAL41W	54	1SPE007717F9907		1/18
Transparent door				
Transparent door blue 4M MISTRAL41W	4	1SPE007717F9908		1/24
Transparent door blue 8M MISTRAL41W	8	1SPE007717F9909		1/14
Transparent door blue 12M MISTRAL41W	12	1SPE007717F9910		1/14
Transparent door blue 24/48M MISTRAL41W	24/48	1SPE007717F9911		1/15
Transparent door blue 36M (3 rows) MISTRAL41W	36	1SPE007717F9912		1/18
Transparent door blue 18M MISTRAL41W	18	1SPE007717F9913		1/14
Transparent door blue 36/72M (2 rows) MISTRAL41W	36/72	1SPE007717F9914		1/18
Transparent door blue 54M MISTRAL41W	54	1SPE007717F9915		1/18

1SPE007715F5010

Lock set blue

1SPE007715F5111

Flange

1SPE007715F5012

Label holder 12M

1SPE007715F5650

MCB cover 12M

1SPE007715F5750

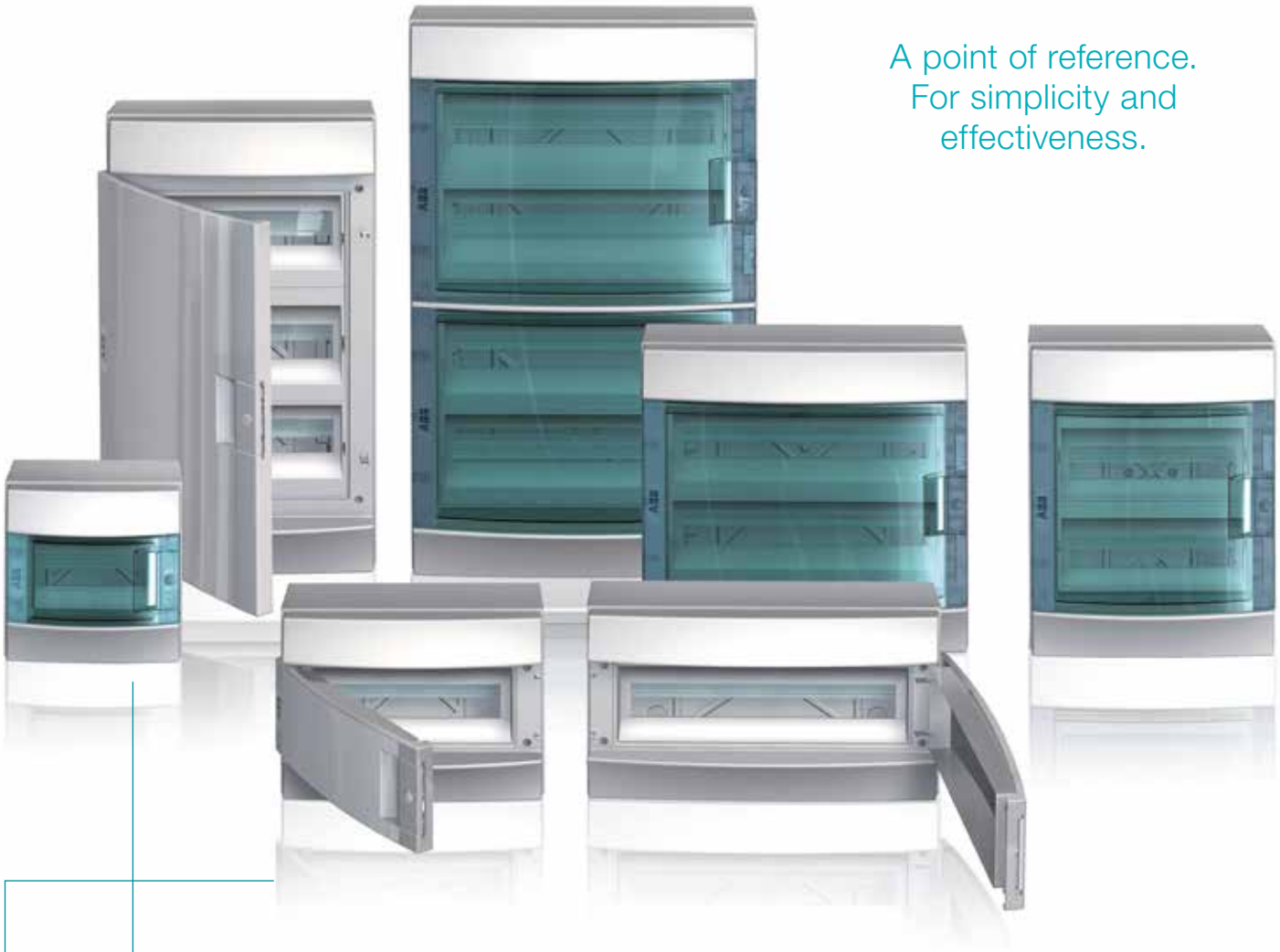
MCB cover 12M

Description	N° of modules [18mm]	ABB code	Article number	Packaging
Other accessories				
Lock set white LMW		1SPE007715F5009		1
Lock set grey LMG		1SPE007715F5011		1
Lock set blue LMB		1SPE007715F5010		1
Flange		1SPE007715F5111		1
Label holder 12M MISTRAL41W	12	1SPE007715F5012		5
Label holder 18M MISTRAL41W	18	1SPE007715F5018		5
Partition wall 12M MISTRAL41W	12	1SPE007715F5112		5
Partition wall 18M MISTRAL41W	18	1SPE007715F5118		5
MCB cover 12M GWT 650 MISTRAL41W	12	1SPE007715F5650		5/180
MCB cover 12M GWT 750 MISTRAL41W	12	1SPE007715F5750		5/180

Create your own masterpiece
System pro *E* comfort MISTRAL65

The new System pro *E* comfort MISTRAL65 series of consumer units gives you the freedom and flexibility to install almost any kind of electrical distribution system in industrial, commercial or residential environments. These IP65-rated units have been designed from scratch to enhance the unique features you expect from ABB in terms of versatility, efficiency and safety.
Everything about the new System pro *E* comfort MISTRAL65 series has been designed to make installation easier, allowing you to set up high-quality consumer units that look great anywhere.

A point of reference.
For simplicity and
effectiveness.



Endless installation possibilities

Door opens up to 180º allowing full access to the interior of the unit.

Door available in two versions: petrol blue and opaque.

Concealed rear mounts for secure wall installation.

The symmetrical design allows opening of the reversible door either from the left or from the right.

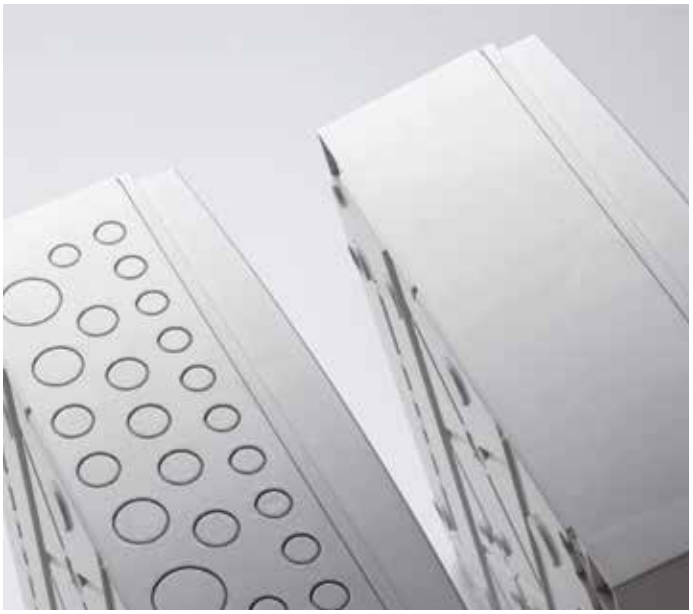
Endless installation possibilities

Invisible cable entry and exit

As well as side knockouts for cable entry and exit, units can be supplied with cable entries and exits at both the top and the bottom.

More internal space

Internal spaces have been created to make cabling even easier, with cable clips and holes for fastening wires to the frame with simple cable ties.



Easy installation of extra modules

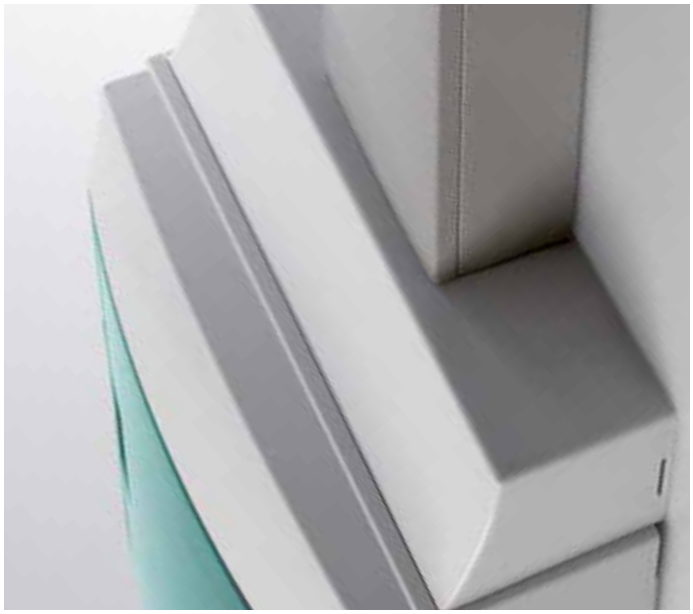
Additional modules can be installed by removing two pre-trimmed elements. This offers an easy and tidy solution when there are unforeseen installation requirements.

New generation terminals

The new System pro *E* comfort MISTRAL® range of consumer units is amended with a wide, completely new ABB terminal blocks. To different versions offer screw and spring fast coupling for easy and effective cabling up to 63A or 100A.

Protected trunking entry

The new polycarbonate accessory for trunking entry can be positioned at the top or bottom of the consumer unit, connecting and protecting the conductor bundles. A series of internal knockouts allows it to house any type of trunking.

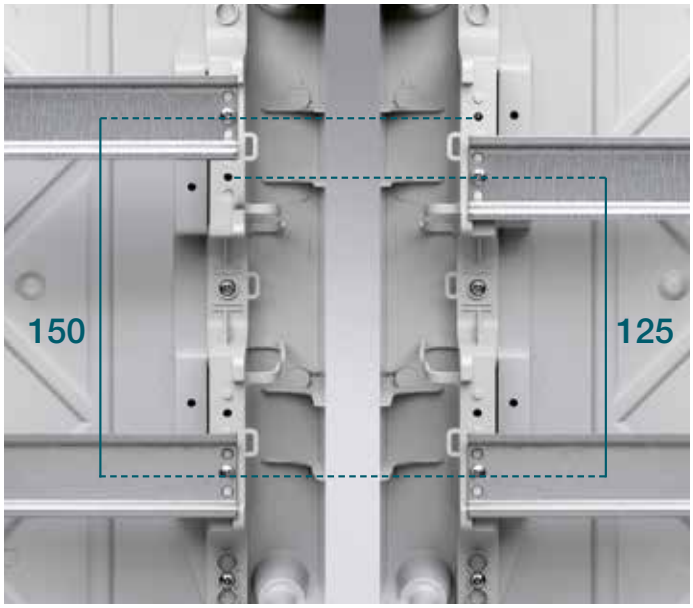


Aesthetically clean installation

Interior slots allow the unit to be fixed to the wall at points that cannot be seen from the outside, making for an aesthetically clean installation. Special snap-in closure plugs guarantee class II protection (double insulation).

Optional door lock

The standard door with ergonomic handle and snap-on closure can be supplied with a lock and key on request. This ensures only authorised people have access and prevents tampering or incorrect operation.

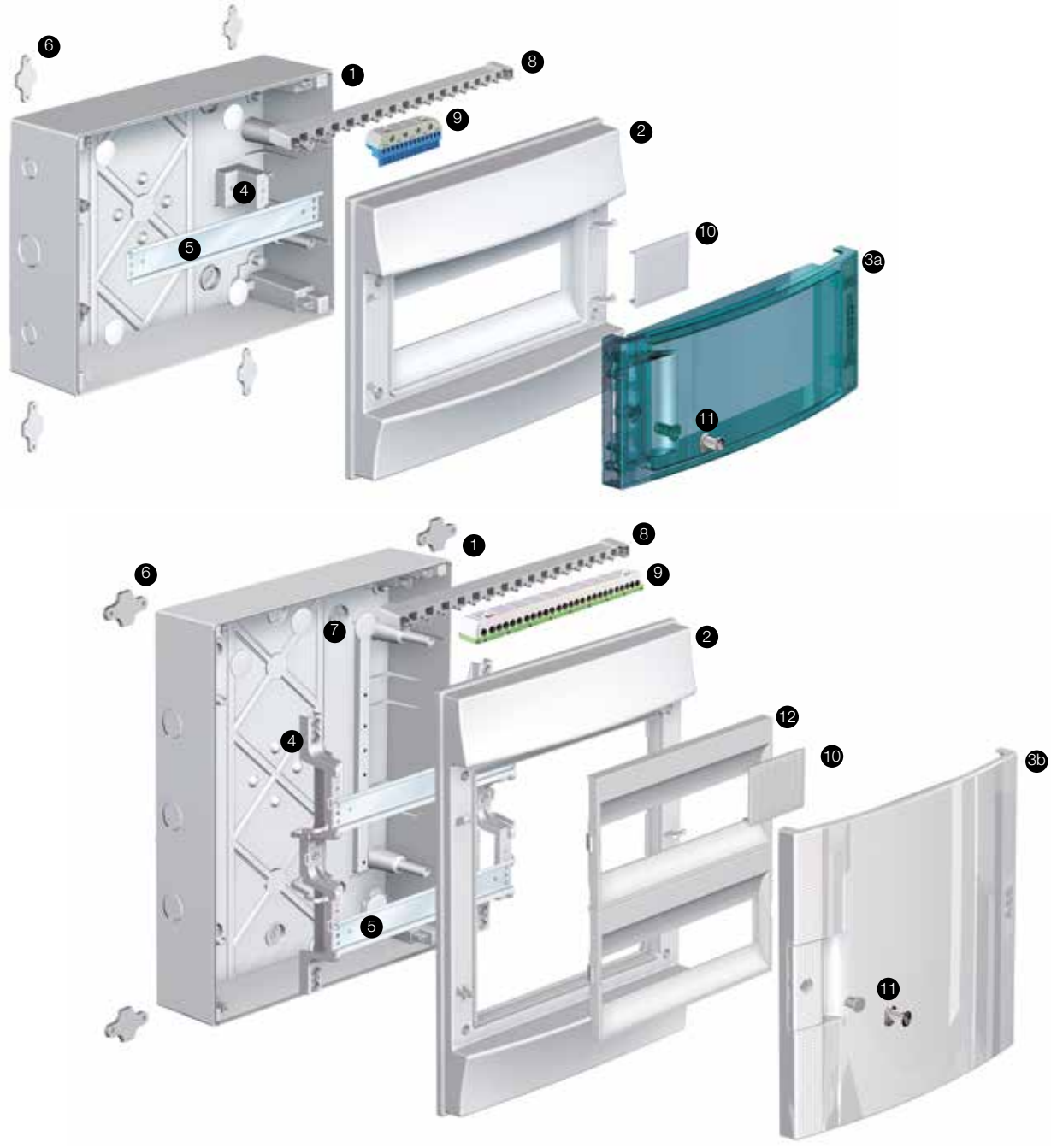


Variable distance between DIN rails

To create space at the top or bottom of the consumer unit, the central distance between the DIN rails can be modified from the standard 150 mm to 125 mm. The front panel can be removed, reversed and re-installed with a simple click.

A versatile range suitable for every application

The System pro *E* comfort MISTRAL65 series' simple construction makes the units fast and easy to assemble. What's more, their flexible design means they can be easily adapted to countless application requirements.



1. Box for wall mounting
2. Reversible front panel
3. a) Transparent door
   b) Opaque door, RAL 7035
4. Fixed support for DIN rail
5. DIN rail
6. Wall fastening brackets
7. Plugs, protection class II
8. Jumper for terminals
9. Quick-coupling terminals
10. Module cover
11. Finish or closure elements (lock and key optional)

12 Reversible panels

Horizontal coupling

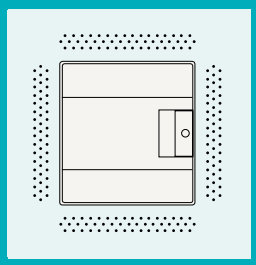
The consumer units can be installed side by side, with cable gland accessories protecting the conductors' path between adjacent units.

Blind panels for small automation application

Accessories include blind panels and base plates allowing the installation of other types of devices, in addition to modular DIN rail products, like contactors, motor starters or devices on the front of the panel.

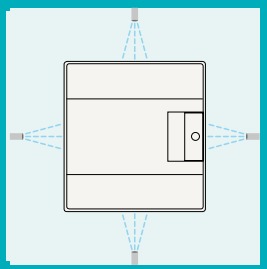
Ingress protection rating IP65

First number: 6



- Total protection against dust

Second number: 5



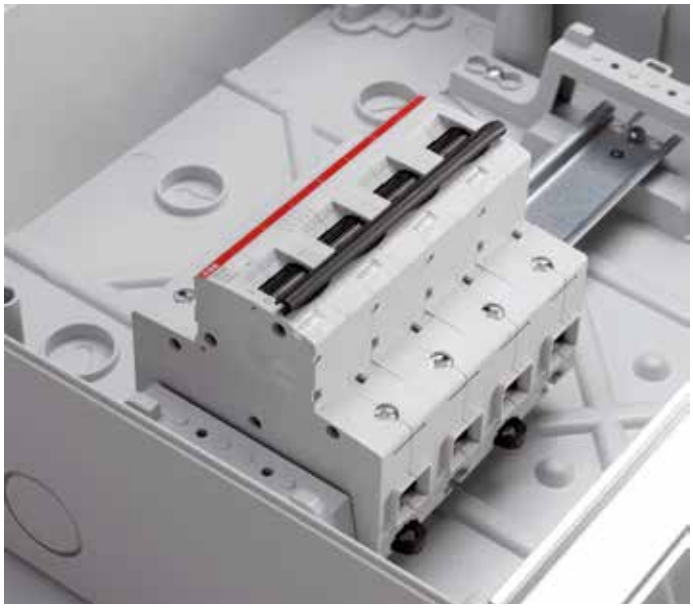
- Projection against water jets. Water projected by a nozzle (6.3 mm) against enclosure from any direction shall have no harmful effects.

A point of contact with the world of ABB
Fully compatible with a wide range of ABB products

The new System pro *E* comfort MISTRAL65 series is designed to deliver a comprehensive range of IP65-rated consumer units with different functions and dimensions. The series is fully compatible with a unified range of ABB products. As a result, terminal blocks, circuit breakers, switches, surge protective devices and many other components can be installed for a wide variety of applications.

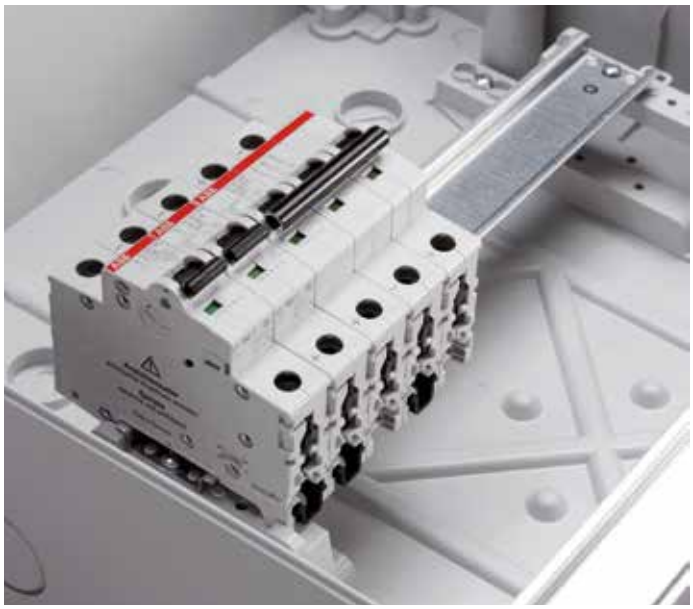
Two DIN positions

The frame has two DIN rail positions so accessories of different depths, like MCCBs, can be installed in perfect alignment.



Easy installation of non-standard devices

The flexibility of the frame allows easy installation of devices with above-standard depth like high-performance MCBs.



Compatible with standard modular devices

The first depth allows the installation of standard products. These include most modular devices currently on the market.

Non-modular equipment

Accessories like blind panels and base plates enable the installation of other types of devices, in addition to modular DIN products, on the front of the panel. These include control buttons and indicator lights.

System pro *E* comfort MISTRAL65, order codes 650

4 modules

8 modules

12 modules

18 modules

Description	GWT	N° of modules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Packaging
1 Row						
Consumer units MISTRAL65 opaque door 4M	650	4	152x202x117	1SL1100A00		1/24
Consumer units MISTRAL65 transparent door 4M	650	4	152x202x117	1SL1200A00		1/24
Consumer units MISTRAL65 opaque door 8M	650	8	232x250x154	1SL1101A00		1/11
Consumer units MISTRAL65 transparent door 8M	650	8	232x250x154	1SL1201A00		1/11
Consumer units MISTRAL65 opaque door 12M	650	12	320x250x155	1SL1102A00		1/7
Consumer units MISTRAL65 transparent door 12M	650	12	320x250x155	1SL1202A00		1/7
Consumer units MISTRAL65 opaque door 18M	650	18	430x250x155	1SL1103A00		1/4
Consumer units MISTRAL65 transparent door 18M	650	18	430x250x155	1SL1203A00		1/4

24 modules

36 modules

Description	GWT	N° of modules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Packaging
2 Rows						
Consumer units MISTRAL65 opaque door 24M	650	24	320x435x155	1SL1104A00		1/4
Consumer units MISTRAL65 transparent door 24M	650	24	320x435x155	1SL1204A00		1/4
Consumer units MISTRAL65 opaque door 36M 2F	650	36	430x435x155	1SL1105A00		1/2
Consumer units MISTRAL65 transparent door 36M 2F	650	36	430x435x155	1SL1205A00		1/2

36 modules

54 modules

Description	GWT	N° of modules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Packaging
3 Rows						
Consumer units MISTRAL65 opaque door 36M 3F	650	36	320x600x155	1SL1106A00		1/3
Consumer units MISTRAL65 transparent door 36M 3F	650	36	320x600x155	1SL1206A00		1/3
Consumer units MISTRAL65 opaque door 54M	650	54	430x600x155	1SL1108A00		1/1
Consumer units MISTRAL65 transparent door 54M	650	54	430x600x155	1SL1208A00		1/1

48 modules

72 modules

Description	GWT	N° of modules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Packaging
4 Rows						
Consumer units MISTRAL65 opaque door 48M	650	48	320x735x155	1SL1107A00		1/1
Consumer units MISTRAL65 transparent door 48M	650	48	320x735x155	1SL1207A00		1/1
Consumer units MISTRAL65 opaque door 72M	650	72	430x735x155	1SL1109A00		1/1
Consumer units MISTRAL65 transparent door 72M	650	72	430x735x155	1SL1209A00		1/1

System pro *E* comfort MISTRAL65, order codes 750

801002F0901

4 modules

801004F0901

8 modules

801006F0901

12 modules

801008F0901

18 modules

Description	GWT	N° of modules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Packaging
1 Row						
Consumer units MISTRAL65 750 transparent door 4M	750	4	152x202x117	1SLM006500A1210	1SL1210A00	1/24
Consumer units MISTRAL65 750 transparent door 8M	750	8	232x250x154	1SLM006500A1211	1SL1211A00	1/11
Consumer units MISTRAL65 750 transparent door 12M	750	12	320x250x155	1SLM006500A1212	1SL1212A00	1/7
Consumer units MISTRAL65 750 transparent door 18M	750	18	430x250x155	1SLM006500A1213	1SL1213A00	1/4

801010F0901

24 modules

801012F0901

36 modules

Description	GWT	N° of modules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Packaging
2 Rows						
Consumer units MISTRAL65 750 transparent door 24M	750	24	320x435x155	1SLM006500A1214	1SL1214A00	1/4
Consumer units MISTRAL65 750 transparent door 36M 2F	750	36	430x435x155	1SLM006500A1215	1SL1215A00	1/2

36 modules

54 modules

Description	GWT	N° of modules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Packaging
3 Rows						
Consumer units MISTRAL65 750 transparent door 36M 3F	750	36	320x600x155	1SLM006500A1216	1SL1216A00	1/3
Consumer units MISTRAL65 750 transparent door 54M	750	54	430x600x155	1SLM006500A1218	1SL1218A00	1/1

48 modules

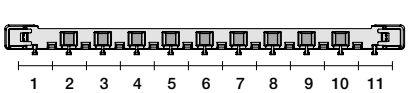
72 modules

Description	GWT	N° of modules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Packaging
4 Rows						
Consumer units MISTRAL65 750 transparent door 48M	750	48	320x735x155	1SLM006500A1217	1SL1217A00	1/1
Consumer units MISTRAL65 750 transparent door 72M	750	72	430x735x155	1SLM006500A1219	1SL1219A00	1/1

System pro *E* comfort MISTRAL65, order codes with terminals

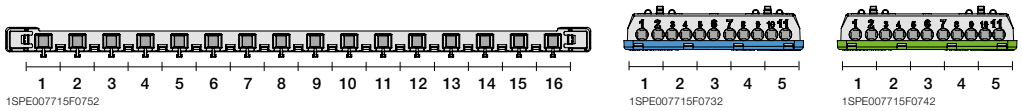
Description	GWT	N° of modules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Packaging
MISTRAL65 transparent door 8M 12SM	650	8	232x250x154	1SLM006501A1201		1/11

8 modules



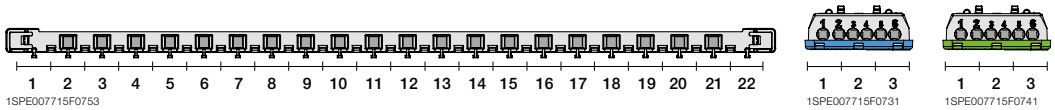
MISTRAL65 transparent door 12M 22SM	650	12	320x250x155	1SLM006501A1202		1/7

12 modules



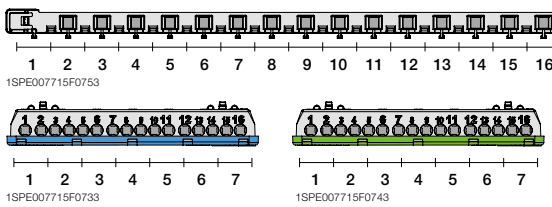
MISTRAL65 transparent door 18M 12SM	650	18	430x250x155	1SLM006501A1203		1/4

18 modules



MISTRAL65 transparent door 18M 32SM	650	18	430x250x155	1SLM006502A1203		1/4

18 modules

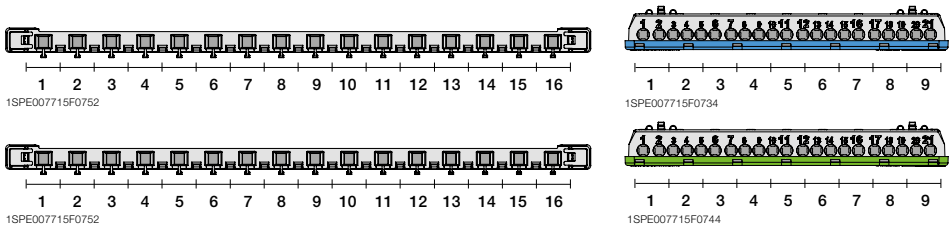


MISTRAL65 transparent door 24M 22SM	650	24	320x435x155	1SLM006501A1204		1/4

24 modules

MISTRAL65 transparent door 24M 42SM	650	24	320x435x155	1SLM006502A1204		1/4

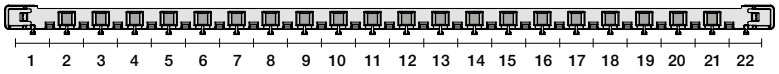
24 modules



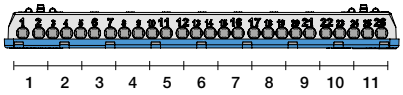
Description	GWT	N° of modules [18 mm]	Dimensions WxHxD [mm]	ABB code	Article number	Packaging
MISTRAL65 transparent door 36M 2F 52SM	650	36	430x435x155	1SLM006501A1205		1/2

801012F0901

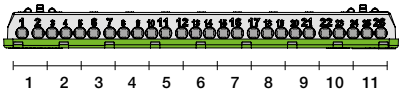
36 modules



1SPE007715F0753



1SPE007715F0735

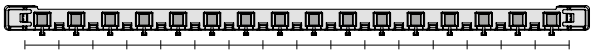


1SPE007715F0745

MISTRAL65 transparent door 36M 3F 42SM	650	36	320x600x155	1SLM006501A1206		1/3

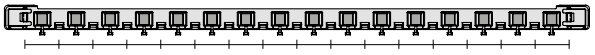
801014F0901

36 modules



1SPE007715F0752

1SPE007715F0734



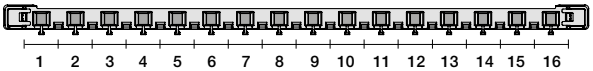
1SPE007715F0752

1SPE007715F0744

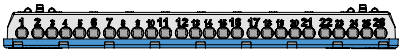
MISTRAL65 transparent door 48M 52SM	650	48	320x735x155	1SLM006501A1207		1/1

801018F0901

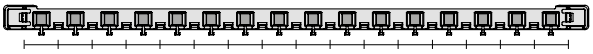
48 modules



1SPE007715F0752



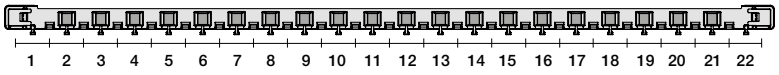
1SPE007715F0735



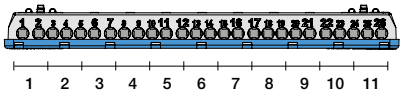
1SPE007715F0752

1SPE007715F0745

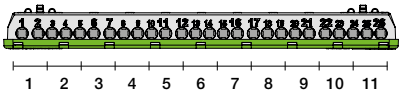
MISTRAL65 transparent door 54M 52SM	650	54	430x600x155	1SLM006501A1208		1/1



1SPE007715F0753



1SPE007715F0735

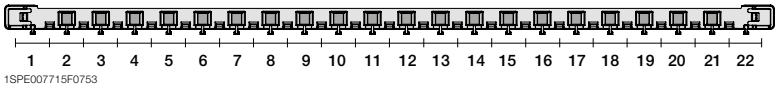


1SPE007715F0745

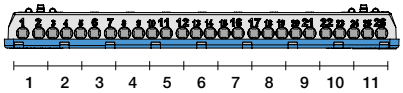
MISTRAL65 transparent door 72M 52SM	650	72	430x735x155	1SLM006501A1209		1/1

801020F0901

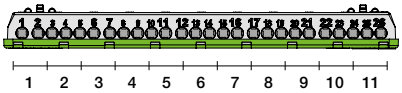
72 modules



1SPE007715F0753



1SPE007715F0735



1SPE007715F0745

System pro *E* comfort MISTRAL65, order codes acessoiries

Opaque door

Transparent door

Base plates

Blind panel

Description	ABB code	Article number	Packaging
Opaque door			
Opaque door 4M MISTRAL65	1SLM006500A1900	1SL1900A00	1/15
Opaque door 8M MISTRAL65	1SLM006500A1902	1SL1902A00	1/20
Opaque door 12M MISTRAL65	1SLM006500A1904	1SL1904A00	1/10
Opaque door 18M MISTRAL65	1SLM006500A1906	1SL1906A00	1/20
Opaque door 24M / 48M MISTRAL65	1SLM006500A1908	1SL1908A00	1/6
Opaque door 36M MISTRAL65	1SLM006500A1910	1SL1910A00	1/10
Opaque door 36M / 72M MISTRAL65	1SLM006500A1912	1SL1912A00	1/14
Opaque door 54M MISTRAL65	1SLM006500A1914	1SL1914A00	1/8
Transparent door			
Transparent door 4M MISTRAL65	1SLM006500A1901	1SL1901A00	1/15
Transparent door 8M MISTRAL65	1SLM006500A1903	1SL1903A00	1/20
Transparent door 12M MISTRAL65	1SLM006500A1905	1SL1905A00	1/10
Transparent door 18M MISTRAL65	1SLM006500A1907	1SL1907A00	1/20
Transparent door 24M / 48M MISTRAL65	1SLM006500A1909	1SL1909A00	1/6
Transparent door 36M MISTRAL65	1SLM006500A1911	1SL1911A00	1/10
Transparent door 36M / 72M MISTRAL65	1SLM006500A1913	1SL1913A00	1/14
Transparent door 54M MISTRAL65	1SLM006500A1915	1SL1915A00	1/8
Base plates			
Metal base plate 12M MISTRAL65	1SLM006500A1920	1SL1920A00	1/12
Metal base plate 2x12M MISTRAL65	1SLM006500A1921	1SL1921A00	1/4
Metal base plate 18M MISTRAL65	1SLM006500A1922	1SL1922A00	1/8
Metal base plate 2x18M MISTRAL65	1SLM006500A1923	1SL1923A00	1/4
Blind panel			
Central blind panel 12M MISTRAL65	1SL M006500A1945	1SL1945A00	1/15
Blind panel 12M MISTRAL65	1SL M006500A1946	1SL1946A00	1/20
Central blind panel 18M MISTRAL65	1SL M006500A1947	1SL1947A00	1/30
Blind panel 18M MISTRAL65	1SL M006500A1948	1SL1948A00	1/30

* MISTRAL 65 panels 3 lines - 36 modules

** MISTRAL 65 panels 3 lines - 54 modules

801025F0901

Wall fixing bracket

801026F0901

Module cover

801027F0901

Lock

801028F0901

Cable gland

801029F0901

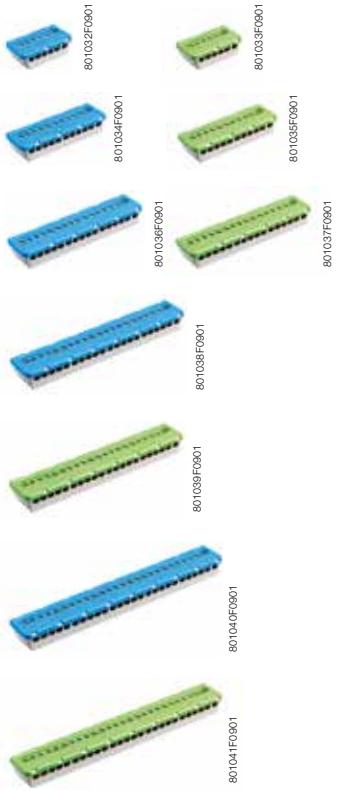
Adapter for trunking

801030F0901

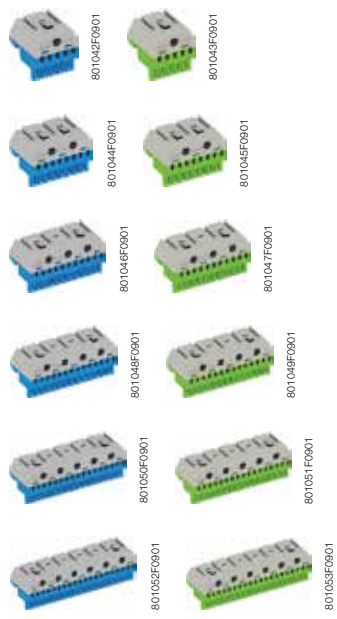
Junction unit

Description	ABB code	Article number	Packaging
Other accessories			
Wall fixing brackets (4 pcs) MISTRAL65	1SLM006500A1927	1SL1927A00	1/30
Module cover 12M MISTRAL65	1SLM006500A1929	1SL1929A00	5/180
Sealing kit MISTRAL65	1SLM006500A1950	1SL1950A00	1/50
Lock with key MISTRAL65	1SLM006500A1931	1SL1931A00	1/10
Cable glands			
Cable gland Ø 16	1SL M006500A1935	1SL1935A00	10/100
Cable gland Ø 20	1SL M006500A1936	1SL1936A00	10/100
Cable gland Ø 25	1SL M006500A1937	1SL1937A00	10/100
Cable gland Ø 32	1SL M006500A1938	1SL1938A00	5/50
Adapter			
Adapter for trunking MISTRAL65	1SL M006500A1942	1SL1942A00	1/10
Junction unit			
Junction unit Ø 28,5 MISTRAL65	1SL M006500A1949	1SL1949A00	10/400

Order codes terminal blocks



Terminal block



Terminal block screwless

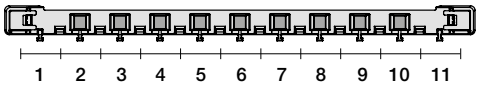
Terminal carrier

Description	Maximum current	ABB code	Article number	Packaging
Terminal block				
Terminal block N 3x16mm²+3x6mm²	100 A	1SPE007715F0731		5/270
Terminal block N 5x16mm²+6x6mm²	100 A	1SPE007715F0732		5/150
Terminal block N 7x16mm²+9x6mm²	100 A	1SPE007715F0733		5/120
Terminal block N 9x16mm²+12x6mm²	100 A	1SPE007715F0734		5/90
Terminal block N 11x16mm²+15x6mm²	100 A	1SPE007715F0735		5/90
Terminal block PE 3x16mm²+3x6mm²	100 A	1SPE007715F0741		5/270
Terminal block PE 5x16mm²+6x6mm²	100 A	1SPE007715F0742		5/150
Terminal block PE 7x16mm²+9x6mm²	100 A	1SPE007715F0743		5/120
Terminal block PE 9x16mm²+12x6mm²	100 A	1SPE007715F0744		5/90
Terminal block PE 11x16mm²+15x6mm²	100 A	1SPE007715F0745		5/90
Terminal block screwless				
Terminal block screwless N 5x1,5-4mm²	63 A	1SPE007715F9701		5/280
Terminal block screwless N 5x1,5-4mm²+1x25mm²	63 A	1SPE007715F9702		5/180
Terminal block screwless N 8x1,5-4mm²+2x25mm²	63 A	1SPE007715F9703		5/150
Terminal block screwless N 11x1,5-4mm²+3x25mm²	63 A	1SPE007715F9704		5/100
Terminal block screwless N 14x1,5-4mm²+4x25mm²	63 A	1SPE007715F9705		5/90
Terminal block screwless N 17x1,5-4mm²+5x25mm²	63 A	1SPE007715F9706		5/70
Terminal block screwless N 20x1,5-4mm²+6x25mm²	63 A	1SPE007715F9707		5/60
Terminal block screwless PE 5x1,5-4mm²+1x25mm²	63 A	1SPE007715F9712		5/180
Terminal block screwless PE 8x1,5-4mm²+2x25mm²	63 A	1SPE007715F9713		5/150
Terminal block screwless PE 11x1,5-4mm²+3x25mm²	63 A	1SPE007715F9714		5/100
Terminal block screwless PE 14x1,5-4mm²+4x25mm²	63 A	1SPE007715F9715		5/90
Terminal block screwless PE 17x1,5-4mm²+5x25mm²	63 A	1SPE007715F9716		5/70
Terminal block screwless PE 20x1,5-4mm²+6x25mm²	63 A	1SPE007715F9717		5/60
Terminal carriers				
Terminal carrier 8M MISTRAL65		1SPE007715F0751		5/280
Terminal carrier 12M MISTRAL65		1SPE007715F0752		5/225
Terminal carrier 18M MISTRAL65		1SPE007715F0753		5/150

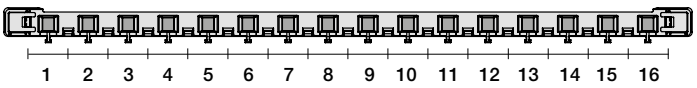
Terminal blocks

Terminal carrier

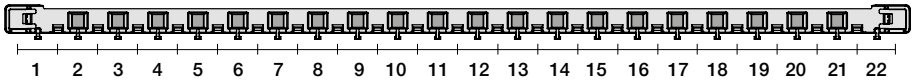
1SPE007715F0751



1SPE007715F0752

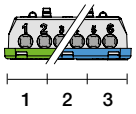


1SPE007715F0753

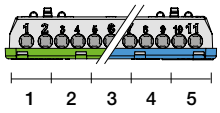


Terminal block

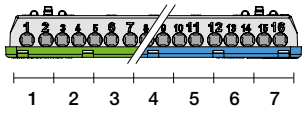
1SPE007715F0741
1SPE007715F0731



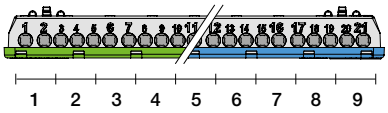
1SPE007715F0742
1SPE007715F0732



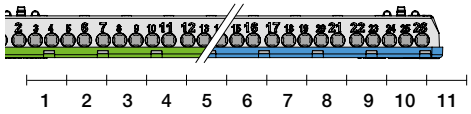
1SPE007715F0743
1SPE007715F0733



1SPE007715F0744
1SPE007715F0734

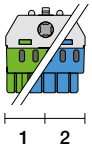


1SPE007715F0745
1SPE007715F0735

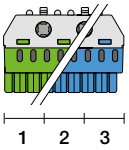


Terminal block screwless

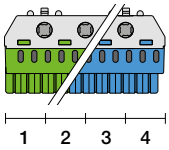
1SPE007715F9712
1SPE007715F9702



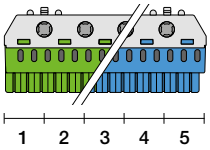
1SPE007715F9713
1SPE007715F9703



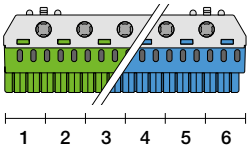
1SPE007715F9714
1SPE007715F9704



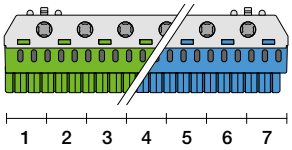
1SPE007715F9715
1SPE007715F9705



1SPE007715F9716
1SPE007715F9706

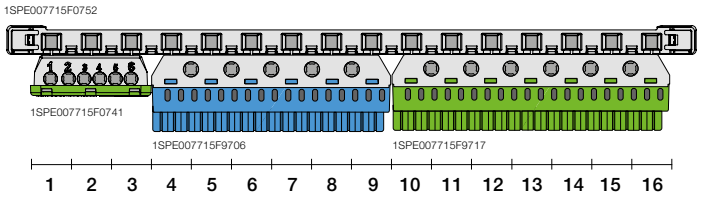


1SPE007715F9717
1SPE007715F9707

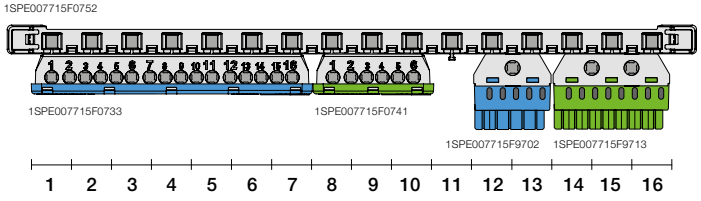


Assembly examples

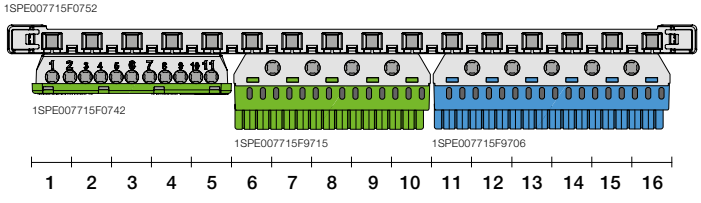
1SPE007715F0752



1SPE007715F0752



1SPE007715F0752



System pro *E* comfort MISTRAL®, technical details

System pro *E* comfort MISTRAL41F

Codes			1SLM004101A1202	1SLM004101A1203	1SLM004101A1204	1SLM004101A1205
	1SLM004100A1100	1SLM004100A1101	1SLM004100A1102	1SLM004100A1103	1SLM004100A1104	1SLM004100A1105
	1SLM004100A1200	1SLM004100A1201	1SLM004100A1202	1SLM004100A1203	1SLM004100A1204	1SLM004100A1205
Number of modules	4	6	8	12	18	24
Dimensions (WxHxD) in mm	152x202x105	192x202x105	232x250x108	320x250x108	430x250x108	320x435x108
Colour	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white
Door type	transparent / opaque	transparent / opaque	transparent / opaque	transparent / opaque	transparent / opaque	transparent / opaque
Protection class	II ⧈	II ⧈	II ⧈	II ⧈	II ⧈	II ⧈
Fire resistance	GWT 650°C	GWT 650°C	GWT 650°C	GWT 650°C	GWT 650°C	GWT 650°C
Material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Resistance to mechanical impacts	IK08	IK08	IK08	IK08	IK08	IK08
Installation temperature	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C
Resistance to heat	BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C
IP rating	IP41	IP41	IP41	IP41	IP41	IP41
Max. dissipation power	11 W	14 W	18 W	22 W	27 W	41 W
Extractable frame	yes	yes	yes	yes	yes	yes
Maximum current	63A	63A	63A	63A	125A	63A
DIN rail centre distance						150mm
Halogen free	yes	yes	yes	yes	yes	yes
Cable entry	Knockout	Knockout	Flange multi pre-cuts	Flange multi pre-cuts	Flange multi pre-cuts	Flange multi pre-cuts

System pro *E* comfort MISTRAL41F

Codes		1SLM004101A1206	1SLM004101A1207	1SLM004101A1208	1SLM004101A1209	1SLM004101A1210
		1SLM004100A1106	1SLM004100A1107	1SLM004100A1108	1SLM004100A1109	1SLM004100A1110
		1SLM004100A1206	1SLM004100A1207	1SLM004100A1208	1SLM004100A1209	1SLM004100A1210
Number of modules		36(2x18)	36(3x12)	48	54	72
Dimensions (WxHxD) in mm		430x435x108	320x600x108	320x735x108	430x600x128	430x735x128
Colour		RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white
Door type		transparent / opaque	transparent / opaque	transparent / opaque	transparent / opaque	transparent / opaque
Protection class		II ⧈	II ⧈	II ⧈	II ⧈	II ⧈
Fire resistance		GWT 650°C	GWT 650°C	GWT 650°C	GWT 650°C	GWT 650°C
Material		Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Resistance to mechanical impacts		IK08	IK08	IK08	IK08	IK08
Installation temperature		-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C
Resistance to heat		BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C
IP rating		IP41	IP41	IP41	IP41	IP41
Max. dissipation power		47 W	50 W	59 W	59 W	82 W
Extractable frame		yes	yes	yes	yes	yes
Maximum current		125A	100A	100A	125A	125A
DIN rail centre distance		150mm	150mm	150mm	150mm	150mm
Halogen free		yes	yes	yes	yes	yes
Cable entry		Flange multi pre-cuts	Flange multi pre-cuts	Flange multi pre-cuts	Flange multi pre-cuts	Flange multi pre-cuts

Note: the versions with box and frontal splitted have the same characteristics of standard product

System pro *E* comfort MISTRAL41F

Codes	1SLM004100A1300	1SLM004100A1301	1SLM004100A1302	1SLM004100A1303	1SLM004100A1304	1SLM004100A1305
	1SLM004100A1400	1SLM004100A1401	1SLM004100A1402	1SLM004100A1403	1SLM004100A1404	1SLM004100A1405
Number of modules	4	6	8	12	18	24
Dimensions (WxHxD) in mm	152x202x105	192x202x105	232x250x108	320x250x108	430x250x108	320x435x108
Colour	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white
Door type	transparent / opaque	transparent / opaque	transparent / opaque	transparent / opaque	transparent / opaque	transparent / opaque
Protection class	II ⧈	II ⧈	II ⧈	II ⧈	II ⧈	II ⧈
Fire resistance	GWT 850°C	GWT 850°C	GWT 850°C	GWT 850°C	GWT 850°C	GWT 850°C
Material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Resistance to mechanical impacts	IK08	IK08	IK08	IK08	IK08	IK08
Installation temperature	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C
Resistance to heat	BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C
IP rating	IP41	IP41	IP41	IP41	IP41	IP41
Max. dissipation power	11 W	14 W	18 W	22 W	27 W	41 W
Extractable frame	yes	yes	yes	yes	yes	yes
Maximum current	63A	63A	63A	63A	125A	63A
DIN rail centre distance						150mm
Halogen free	no	no	no	no	no	no
Cable entry	Knockout	Knockout	Flange knockout	Flange knockout	Flange knockout	Flange knockout

System pro *E* comfort MISTRAL41F

Codes	1SLM004100A1306	1SLM004100A1307	1SLM004100A1308	1SLM004100A1309	1SLM004100A1310
	1SLM004100A1406	1SLM004100A1407	1SLM004100A1408	1SLM004100A1409	1SLM004100A1410
Number of modules	36(2x18)	36(3x12)	48	54	72
Dimensions (WxHxD) in mm	430x435x108	320x600x108	320x735x108	430x600x128	430x735x128
Colour	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white
Door type	transparent / opaque	transparent / opaque	transparent / opaque	transparent / opaque	transparent / opaque
Protection class	II ⧈	II ⧈	II ⧈	II ⧈	II ⧈
Fire resistance	GWT 850°C	GWT 850°C	GWT 850°C	GWT 850°C	GWT 850°C
Material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Resistance to mechanical impacts	IK08	IK08	IK08	IK08	IK08
Installation temperature	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C
Resistance to heat	BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C
IP rating	IP41	IP41	IP41	IP41	IP41
Max. dissipation power	47 W	50 W	59 W	59 W	82 W
Extractable frame	yes	yes	yes	yes	yes
Maximum current	125A	100A	100A	125A	125A
DIN rail centre distance	150mm	150mm	150mm	150mm	150mm
Halogen free	no	no	no	no	no
Cable entry	Flange knockout	Flange knockout	Flange knockout	Flange knockout	Flange knockout

Note: the versions with box and frontal splitted have the same characteristics of standard product

System pro *E* comfort MISTRAL®, technical details

System pro *E* comfort MISTRAL41W

Codes		1SPE007717F0200	1SPE007717F0300	1SPE007717F0400	1SPE007717F0800	1SPE007717F0500
		1SPE007717F0210	1SPE007717F0310	1SPE007717F0410	1SPE007717F0810	1SPE007717F0510
	1SPE007717F0100	1SPE007717F0220	1SPE007717F0320	1SPE007717F0420	1SPE007717F0820	1SPE007717F0520
Number of modules	2	4	8	12	18	24
Dimensions (WxHxD) in mm	68x210x93	96x210x93	202x257x120	292x257x120	382x257x120	292x382x120
Colour	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white
Door type	no door	no door/transparent/ opaque	no door/transparent/ opaque	no door/transparent/ opaque	no door/transparent/ opaque	no door/transparent/ opaque
Protection class	II ⧈	II ⧈	II ⧈	II ⧈	II ⧈	II ⧈
Fire resistance	GWT 650°C	GWT 650°C	GWT 650°C	GWT 650°C	GWT 650°C	GWT 650°C
Material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Resistance to mechanical impacts	IK08	IK08	IK08	IK08	IK08	IK08
Installation temperature	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C
Resistance to heat	BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C
IP rating	IP41	IP41	IP41	IP41	IP41	IP41
Max. dissipation power	9,2W	9,3W	17,7W	23,8W	29,8W	30,2W
Maximum current	63A	63A	63A	63A	63A	63A
DIN rail centre distance	-	-	-	-	-	125mm
Halogen free	yes	yes	yes	yes	yes	yes
Cable entry	smooth	smooth	smooth	smooth	smooth	smooth

System pro *E* comfort MISTRAL41W

Codes		1SPE007717F0900	1SPE007717F0600	1SPE007717F0700	1SPE007717F1000	1SPE007717F1100
		1SPE007717F0910	1SPE007717F0610	1SPE007717F0710	1SPE007717F1010	1SPE007717F1110
		1SPE007717F0920	1SPE007717F0620	1SPE007717F0720	1SPE007717F1020	1SPE007717F1120
Number of modules		36(2x18)	36(3x12)	48	54	72
Dimensions (WxHxD) in mm		382x382x120	292x507x120	292x656x120	382x507x120	382x656x120
Colour		RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white
Door type		no door/transparent/ opaque	no door/transparent/ opaque	no door/transparent/ opaque	no door/transparent/ opaque	no door/transparent/ opaque
Protection class		II ⧈	II ⧈	II ⧈	II ⧈	II ⧈
Fire resistance		GWT 650°C	GWT 650°C	GWT 650°C	GWT 650°C	GWT 650°C
Material		Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Resistance to mechanical impacts		IK08	IK08	IK08	IK08	IK08
Installation temperature		-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C
Resistance to heat		BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C
IP rating		IP41	IP41	IP41	IP41	IP41
Max. dissipation power		37,5W	36,8W	44,8W	45,2W	54,4W
Maximum current		63A	63A	63A	63A	63A
DIN rail centre distance		125mm	125mm	125mm	125mm	125mm
Halogen free		yes	yes	yes	yes	yes
Cable entry		smooth	smooth	smooth	smooth	smooth

System pro *E* comfort MISTRAL41W

Codes		1SPE007717F1600	1SPE007717F1700	1SPE007717F1800	1SPE007717F2200	1SPE007717F1900
		1SPE007717F1610	1SPE007717F1710	1SPE007717F1810	1SPE007717F2210	1SPE007717F1910
	1SPE007717F1500	1SPE007717F1620	1SPE007717F1720	1SPE007717F1820	1SPE007717F2220	1SPE007717F1920
Number of modules	2	4	8	12	18	24
Dimensions (WxHxD) in mm	68x210x93	96x210x93	202x257x120	292x257x120	382x257x120	292x382x120
Colour	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white
Door type	no door	no door/transparent/ opaque	no door/transparent/ opaque	no door/transparent/ opaque	no door/transparent/ opaque	no door/transparent/ opaque
Protection class	II ⧈	II ⧈	II ⧈	II ⧈	II ⧈	II ⧈
Fire resistance	GWT 750°C	GWT 750°C	GWT 750°C	GWT 750°C	GWT 750°C	GWT 750°C
Material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Resistance to mechanical impacts	IK08	IK08	IK08	IK08	IK08	IK08
Installation temperature	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C
Resistance to heat	BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C
IP rating	IP41	IP41	IP41	IP41	IP41	IP41
Max. dissipation power	9,2W	9,3W	17,7W	23,8W	29,8W	30,2W
Maximum current	63A	63A	63A	63A	63A	63A
DIN rail centre distance	-	-	-	-	-	125mm
Halogen free	no	no	no	no	no	no
Cable entry	smooth	smooth	smooth	smooth	smooth	smooth

System pro *E* comfort MISTRAL41W

Codes	1SPE007717F2300	1SPE007717F2000	1SPE007717F2100	1SPE007717F2400	1SPE007717F2500
	1SPE007717F2310	1SPE007717F2010	1SPE007717F2110	1SPE007717F2410	1SPE007717F2510
	1SPE007717F2320	1SPE007717F2020	1SPE007717F2120	1SPE007717F2420	1SPE007717F2520
Number of modules	36(2x18)	36(3x12)	48	54	72
Dimensions (WxHxD) in mm	382x382x120	292x507x120	292x656x120	382x507x120	382x656x120
Colour	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white
Door type	no door/transparent/ opaque	no door/transparent/ opaque	no door/transparent/ opaque	no door/transparent/ opaque	no door/transparent/ opaque
Protection class	II ⧈	II ⧈	II ⧈	II ⧈	II ⧈
Fire resistance	GWT 750°C	GWT 750°C	GWT 750°C	GWT 750°C	GWT 750°C
Material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Resistance to mechanical impacts	IK08	IK08	IK08	IK08	IK08
Installation temperature	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C
Resistance to heat	BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C
IP rating	IP41	IP41	IP41	IP41	IP41
Max. dissipation power	37,5W	36,8W	44,8W	45,2W	54,4W
Maximum current	63A	63A	63A	63A	63A
DIN rail centre distance	125mm	125mm	125mm	125mm	125mm
Halogen free	no	no	no	no	no
Cable entry	smooth	smooth	smooth	smooth	smooth

System pro *E* comfort MISTRAL®, technical details

System pro *E* comfort MISTRAL65

Codes	1SL1100A00	1SL1101A00	1SL1102A00	1SL1103A00	1SL1104A00
	1SL1200A00	1SL1201A00	1SL1202A00	1SL1203A00	1SL1204A00
		1SLM006501A1201	1SLM006501A1202	1SLM006501A1203	1SLM006501A1204
				1SLM006502A1203	1SLM006502A1204
Number of modules	4	8	12	18	24
Dimensions (WxHxD) in mm	152 x 202 x 117	232 x 250 x 154	320 x 250 x 155	430 x 250 x 155	320 x 435 x 155
Colour	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey
Door type	Opaque / Transparent	Opaque / Transparent	Opaque / Transparent	Opaque / Transparent	Opaque / Transparent
Protection class	II ⧈	II ⧈	II ⧈	II ⧈	II ⧈
Fire resistance	GWT 650°C	GWT 650°C	GWT 650°C	GWT 650°C	GWT 650°C
Material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Resistance to mechanical impacts	IK09	IK09	IK09	IK09	IK09
Knockout resistance to mechanical impacts	IK08	IK08	IK08	IK08	IK08
Installation temperature	-25°C / +60°C	-25°C / +60°C	-25°C / +60°C	-25°C / +60°C	-25°C / +60°C
Resistance to heat	BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C
IP rating	IP65	IP65	IP65	IP65	IP65
Max. dissipation power	12 W	20 W	27 W	32 W	34 W
Maximum current	63A	63A	63A	125A	125A
Exctractable frame	no	no	no	no	yes
Additional module	no	no	yes	yes	yes
Installation of MCCBs	no	yes	yes	yes	yes
DIN rail centre distance	-	-	-	-	150 - 125 (mm)
Halogen free	yes	yes	yes	yes	yes
Cable entry finish	Smooth	Smooth	Smooth	Smooth	Smooth

System pro *E* comfort MISTRAL65

Codes	1SL1105A00	1SL1106A00	1SL1107A00	1SL1108A00	1SL1109A00
	1SL1205A00	1SL1206A00	1SL1207A00	1SL1208A00	1SL1209A00
	1SLM006501A1205	1SLM006501A1206	1SLM006501A1207	1SLM006501A1208	1SLM006501A1209
Number of modules	36	36	48	54	72
Dimensions (WxHxD) in mm	430 x 435 x 155	320 x 435 x 155	320 x 735 x 155	430 x 600 x 155	430 x 735 x 155
Colour	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey
Door type	Opaque / Transparent	Opaque / Transparent	Opaque / Transparent	Opaque / Transparent	Opaque / Transparent
Protection class	II ⧈	II ⧈	II ⧈	II ⧈	II ⧈
Fire resistance	GWT 650°C	GWT 650°C	GWT 650°C	GWT 650°C	GWT 650°C
Material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Resistance to mechanical impacts	IK09	IK09	IK09	IK09	IK09
Knockout resistance to mechanical impacts	IK08	IK08	IK08	IK08	IK08
Installation temperature	-25°C / +60°C	-25°C / +60°C	-25°C / +60°C	-25°C / +60°C	-25°C / +60°C
Resistance to heat	BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C
IP rating	IP65	IP65	IP65	IP65	IP65
Max. dissipation power	43 W	51 W	64 W	63 W	81 W
Maximum current	125A	125A	125A	125A	125A
Extractable frame	yes	yes	yes	yes	yes
Additional module	yes	yes	yes	yes	yes
Installation of MCCBs	yes	yes	yes	yes	yes
DIN rail centre distance	150 - 125 (mm)	150 - 125 (mm)	150 - 125 (mm)	150 - 125 (mm)	150 - 125 (mm)
Halogen free	yes	yes	yes	yes	yes
Cable entry finish	Smooth	Smooth	Smooth	Smooth	Smooth

Reference standards IEC60670 - EN60439-3

System pro *E* comfort MISTRAL65

Codes	1SL1210A00	1SL1211A00	1SL1212A00	1SL1213A00	1SL1214A00
Number of modules	4	8	12	18	24
Dimensions (WxHxD) in mm	152 x 202 x 117	232 x 250 x 154	320 x 250 x 155	430 x 250 x 155	320 x 435 x 155
Colour	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey
Door type	Transparent	Transparent	Transparent	Transparent	Transparent
Protection class	II ⧈	II ⧈	II ⧈	II ⧈	II ⧈
Fire resistance	GWT 750°C	GWT 750°C	GWT 750°C	GWT 750°C	GWT 750°C
Material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Resistance to mechanical impacts	IK09	IK09	IK09	IK09	IK09
Knockout resistance to mechanical impacts	IK08	IK08	IK08	IK08	IK08
Installation temperature	-25°C / +60°C	-25°C / +60°C	-25°C / +60°C	-25°C / +60°C	-25°C / +60°C
Resistance to heat	BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C
IP rating	IP65	IP65	IP65	IP65	IP65
Max. dissipation power	12 W	20 W	27 W	32 W	34 W
Maximum current	63A	63A	63A	125A	125A
Exctractable frame	no	no	no	no	yes
Additional module	no	no	yes	yes	yes
Installation of MCCBs	no	yes	yes	yes	yes
DIN rail centre distance	-	-	-	-	150 - 125 (mm)
Halogen free	no	no	no	no	no
Cable entry finish	Precut	Precut	Precut	Precut	Precut

System pro *E* comfort MISTRAL65

Codes	1SL1215A00	1SL1216A00	1SL1217A00	1SL1218A00	1SL1219A00
Number of modules	36	36	48	54	72
Dimensions (WxHxD) in mm	430 x 435 x 155	320 x 435 x 155	320 x 735 x 155	430 x 600 x 155	430 x 735 x 155
Colour	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey
Door type	Transparent	Transparent	Transparent	Transparent	Transparent
Protection class	II ⧈	II ⧈	II ⧈	II ⧈	II ⧈
Fire resistance	GWT 750°C	GWT 750°C	GWT 750°C	GWT 750°C	GWT 750°C
Material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Resistance to mechanical impacts	IK09	IK09	IK09	IK09	IK09
Knockout resistance to mechanical impacts	IK08	IK08	IK08	IK08	IK08
Installation temperature	-25°C / +60°C	-25°C / +60°C	-25°C / +60°C	-25°C / +60°C	-25°C / +60°C
Resistance to heat	BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C	BPT 70°C
IP rating	IP65	IP65	IP65	IP65	IP65
Max. dissipation power	43 W	51 W	64 W	63 W	81 W
Maximum current	125A	125A	125A	125A	125A
Extractable frame	yes	yes	yes	yes	yes
Additional module	yes	yes	yes	yes	yes
Installation of MCCBs	yes	yes	yes	yes	yes
DIN rail centre distance	150 - 125 (mm)	150 - 125 (mm)	150 - 125 (mm)	150 - 125 (mm)	150 - 125 (mm)
Halogen free	no	no	no	no	no
Cable entry finish	Precut	Precut	Precut	Precut	Precut

Reference standards IEC60670 - EN60439-3

System pro *E* comfort MISTRAL®, technical details

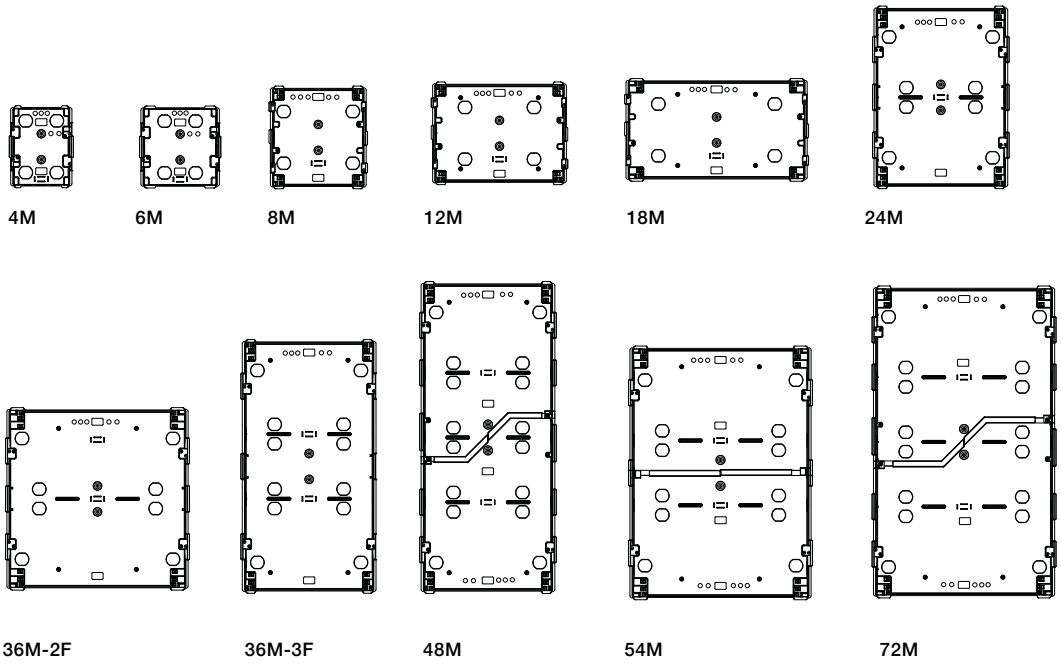
Table of resistance to chemical agents IP41F, IP41W and IP65

	Cold water	Hot water	Sulphuric acid	Hydrochloric acid	Acetic acid	Petroleum	Benzine	Acetone	Ethyl alcohol	Ammonia	Dichloromethane	Diesel oil - Naptha	Mineral oil	Food oils	Tetrachloroethylene	Trichloroethylene	Ether	Ozone	Toluene	Methyl alcohol	Alcohol	Milk	Fruit juices	Fluorocarbons	Detersives	Detergents	Potassium nitrate	Hydrogen peroxide
MISTRAL41F - IP41 consumer unit	■	■	▲	●	■	●	●	●	▲	■	●	▲	■	■	●	●	●	■	●	▲	■	■	■	●	■	■	▲	■
MISTRAL41W - IP41 consumer unit	■	■	▲	●	■	●	●	●	▲	■	●	▲	■	■	●	●	●	■	●	▲	■	■	■	●	■	■	▲	■
MISTRAL65 - IP65 consumer unit	■	■	▲	●	■	●	●	●	▲	■	●	▲	■	■	●	●	●	■	●	▲	■	■	■	●	■	■	▲	■

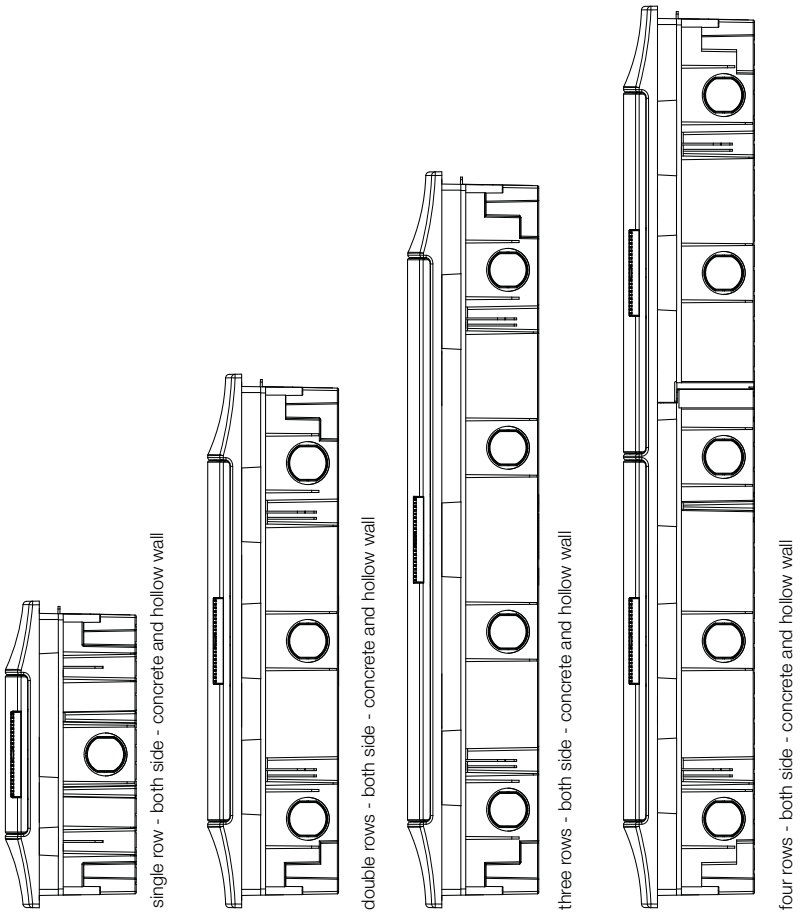
■ resistant ▲ partially resistant ● non resistant

System pro *E* comfort MISTRAL41F, upper and lower knockouts

Box	
Modules	**diam. 32**
4 M	4
6 M	4
8 M	4
12 M	4
18 M	4
24 M	8
36 M – 2F	8
36 M – 3F	12
48 M	16
54 M	12
72 M	16

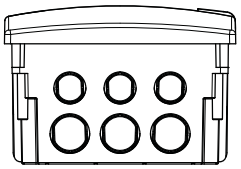


Site	
Modules	**diam. 32**
4 M	1
6 M	1
8 M	1
12 M	1
18 M	1
24 M	3
36 M – 2F	3
36 M – 3F	4
48 M	5
54 M	4
72 M	5

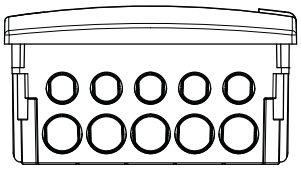


System pro *E* comfort MISTRAL41F, upper and lower knockouts

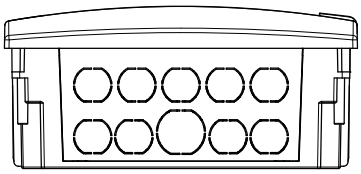
Cable entry					
Modules	**diam. 40**	**diam. 32**	**diam. 25**	**diam. 20**	**Flangia**
4	-	-	3	3	///
6	-	-	5	5	///
8	-	1	9		150x55
12	1	8	4	-	240x55
18	1	12	2	-	330x55



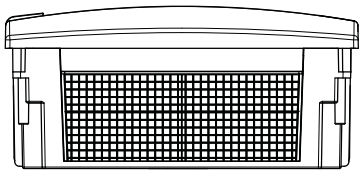
4 modules - top and bottom - concrete and hollow wall



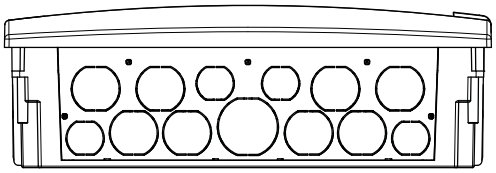
6 modules - top and bottom - concrete and hollow wall



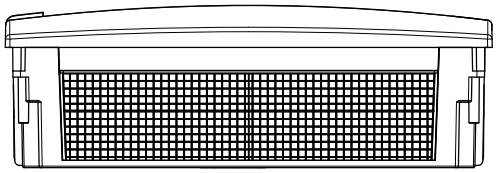
8 modules - top and bottom - hollow wall



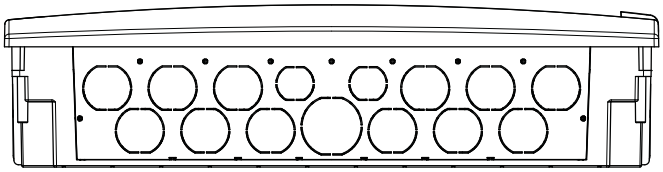
8 modules - top and bottom - concrete wall



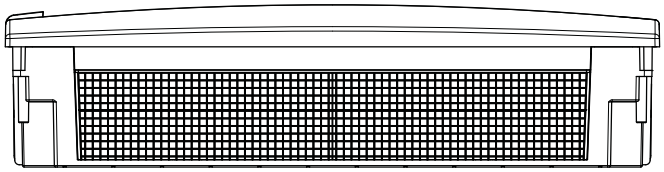
12 modules - top and bottom - hollow wall



12 modules - top and bottom - concrete wall



18 modules - top and bottom - hollow wall



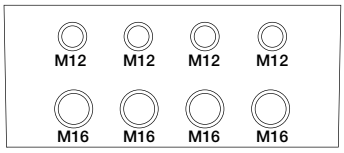
18 modules - top and bottom - concrete wall

System pro *E* comfort MISTRAL65, upper and lower knockouts

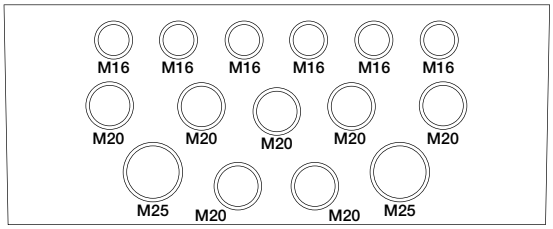
Cable gland table

		Cable Glands		
Modules		diam. 16	diam. 20	diam. 25
4	04x1	2	-	-
8	08x1	3	3	-
12	12x1	2	2	2
24	12x2	5	5	2
36	12x3	5	5	2
48	12x4	5	5	2
18	18x1	2	2	2
36	18x2	5	5	2
54	18x3	5	5	2
72	18x4	5	5	2

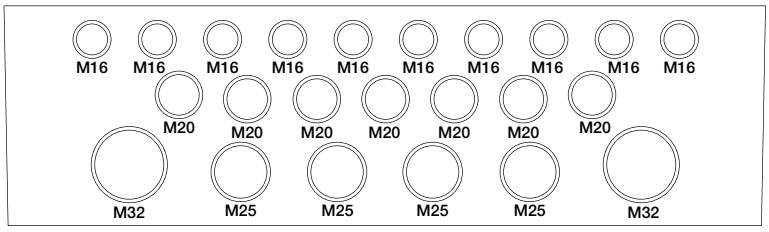
		Holes				
Modules		diam. 12	diam. 16	diam. 20	diam. 25	diam. 32
4	04x1	4	4	-	-	-
8	08x1	-	6	7	2	-
12	12x1	-	10	7	4	2
24	12x2	-	10	7	4	2
36	12x3	-	10	7	4	2
48	12x4	-	10	7	4	2
18	18x1	-	14	9	4	2
36	18x2	-	14	9	4	2
54	18x3	-	14	9	4	2
72	18x4	-	14	9	4	2



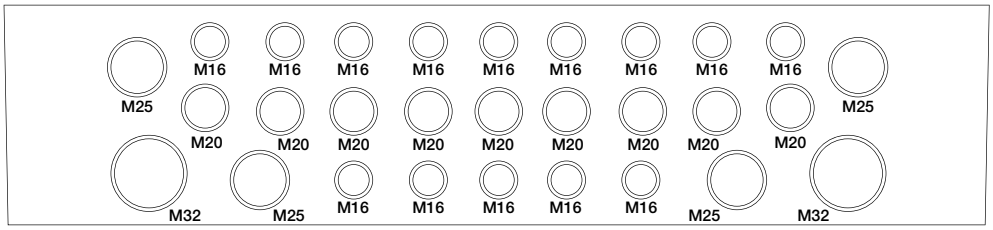
4 modules - top and bottom



8 modules - top and bottom

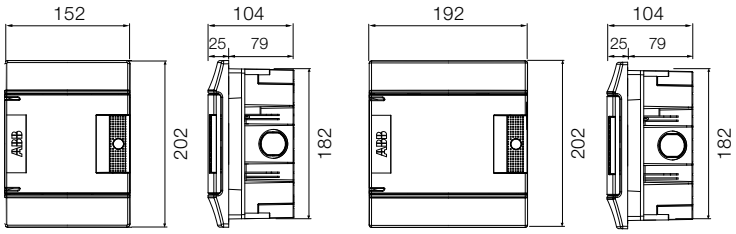


12 modules - top and bottom

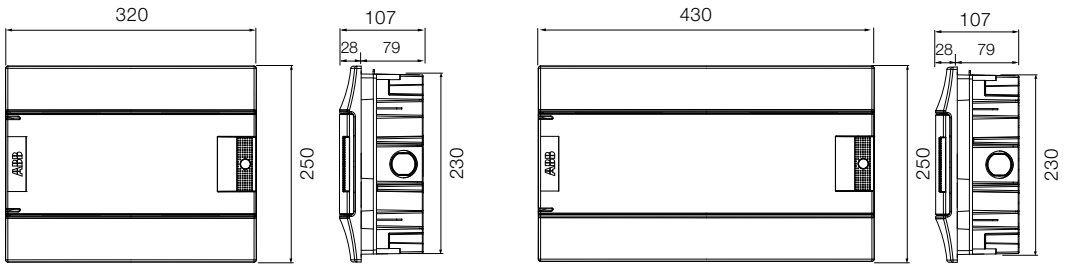


18 modules - top and bottom

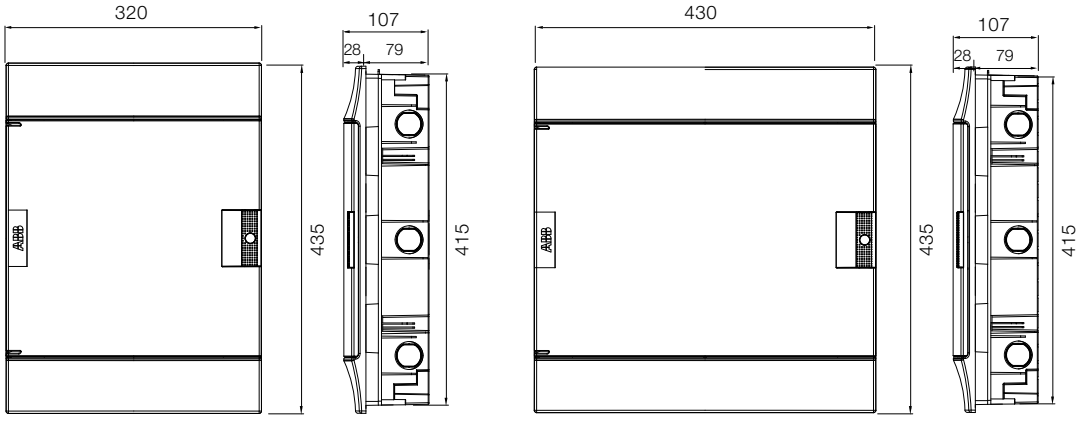
System pro *E* comfort MISTRAL41F, overall dimensions



4 modules **6 modules**

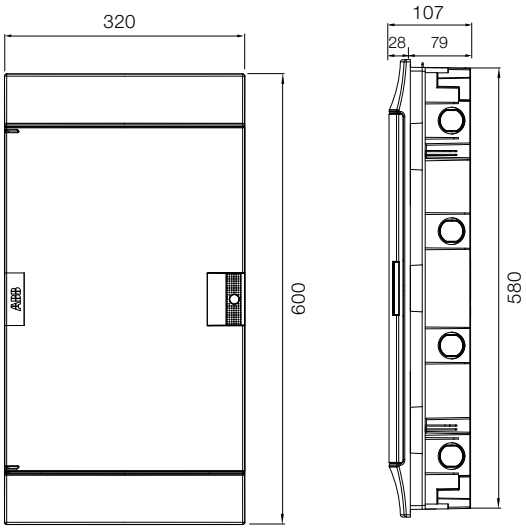


12 modules **18 modules**

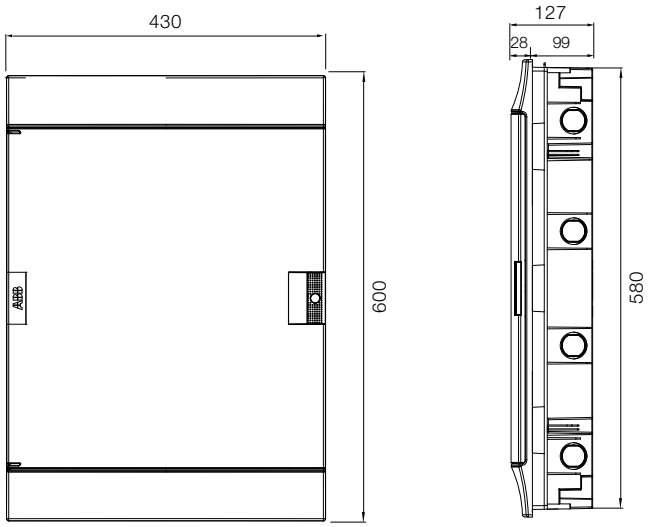


24 modules **36 modules**

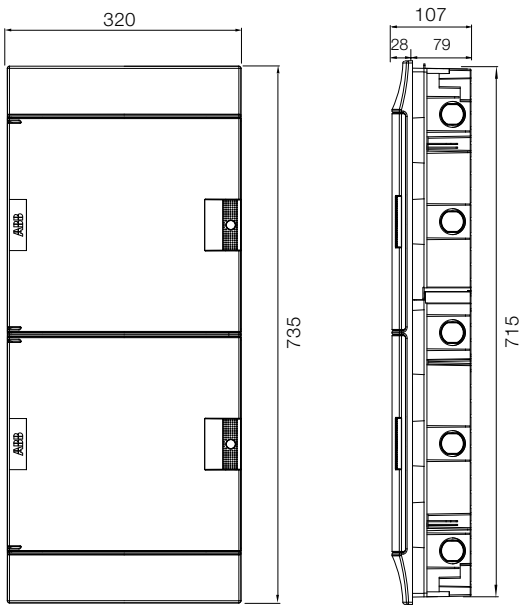
Dimensions in mm



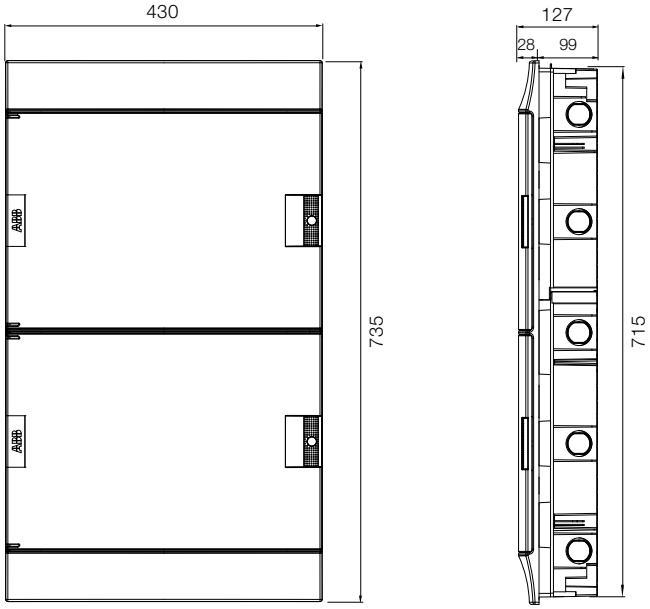
36 modules



54 modules



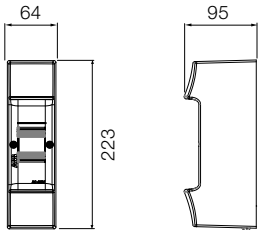
48 modules



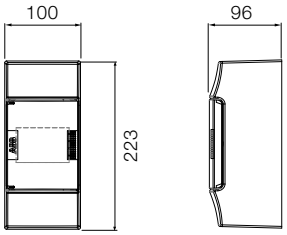
72 modules

Dimensions in mm

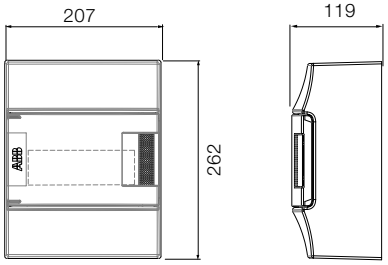
System pro *E* comfort MISTRAL41W, overall dimensions



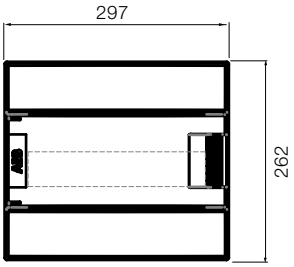
1 module



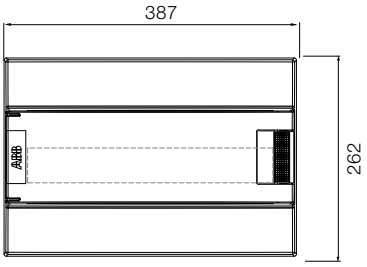
4 modules



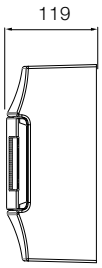
8 modules

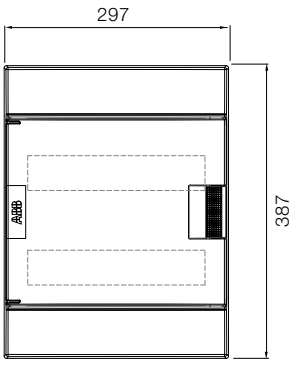


12 modules

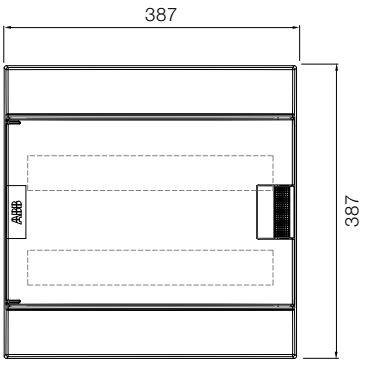


18 modules

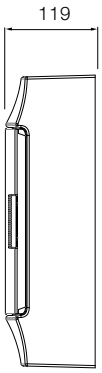




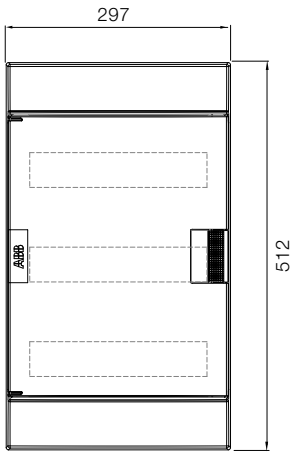
24 modules



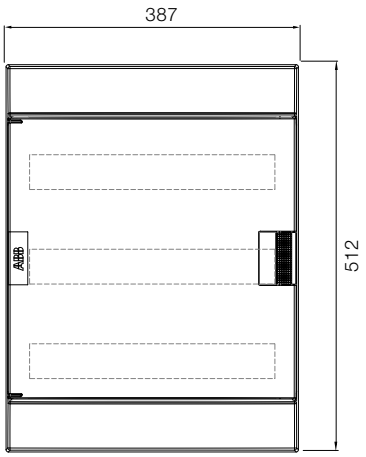
36 modules



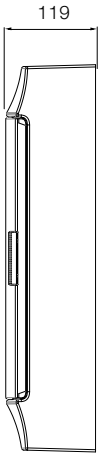
Dimensions in mm

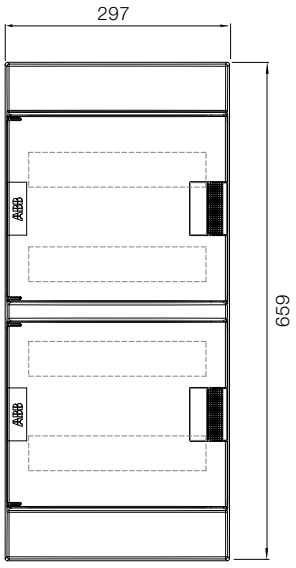


36 modules

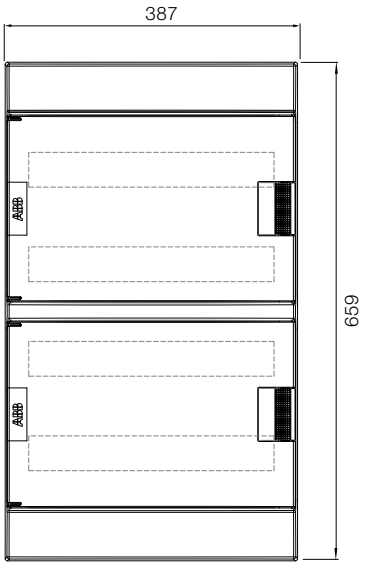


54 modules

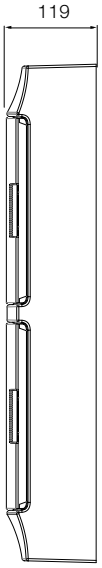




48 modules

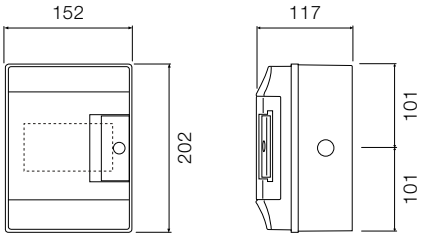


72 modules

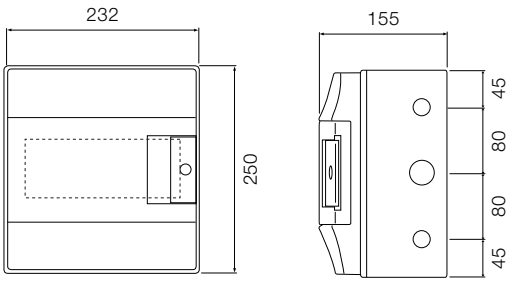


Dimensions in mm

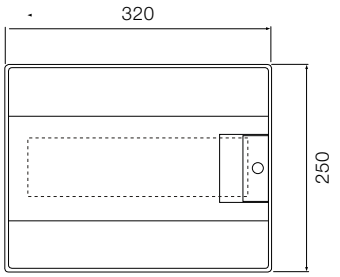
System pro *E* comfort MISTRAL65 overall dimensions



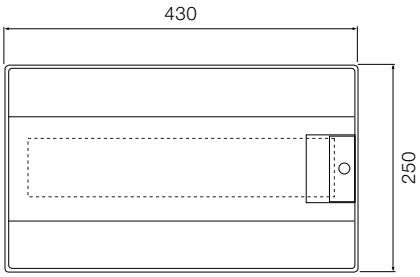
4 modules



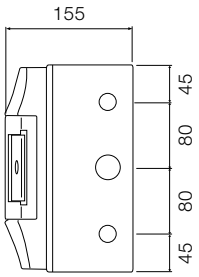
8 modules

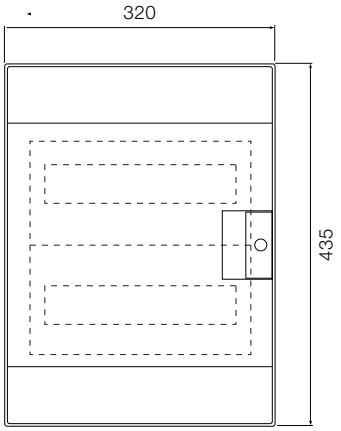


12 modules

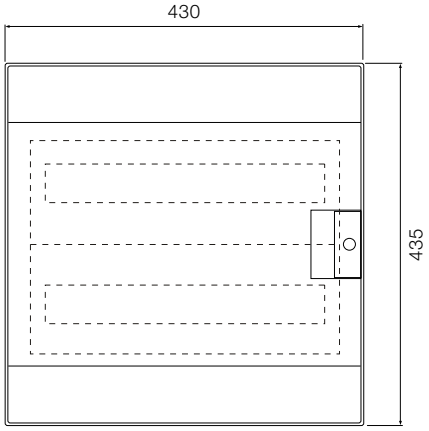


18 modules

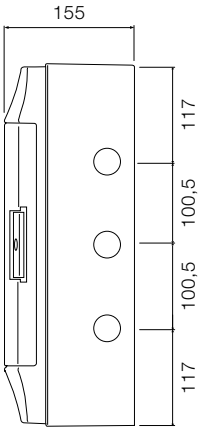




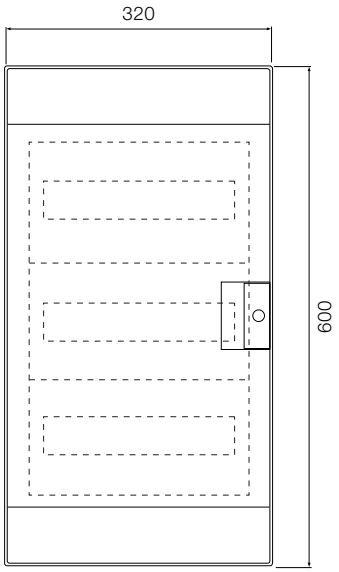
24 modules



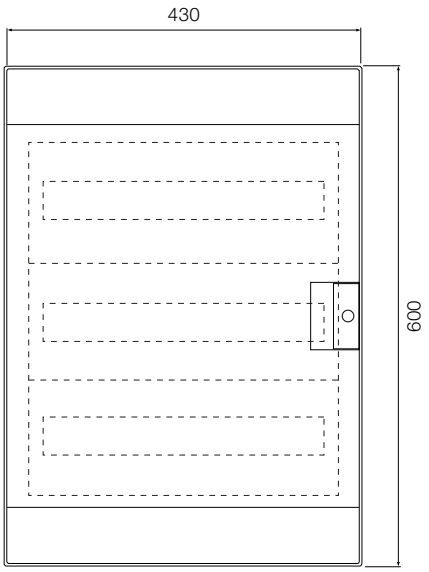
36 modules



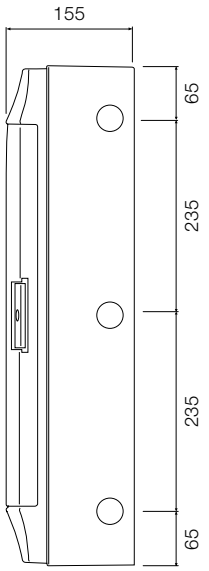
Dimensions in mm

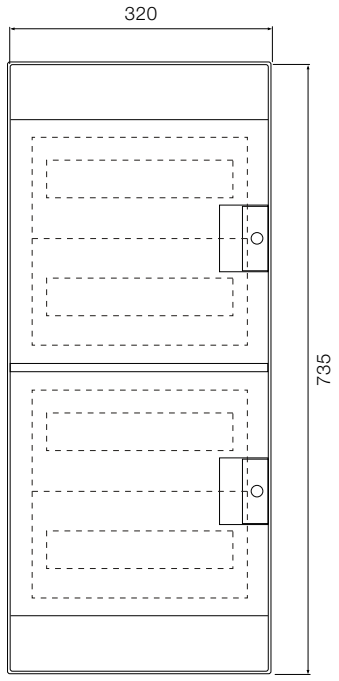


36 modules

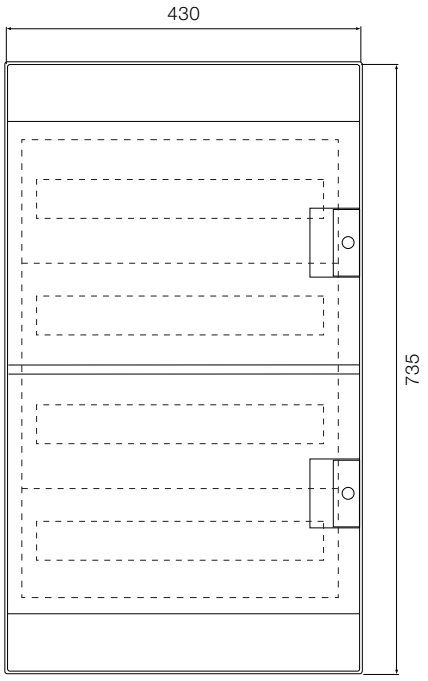


54 modules

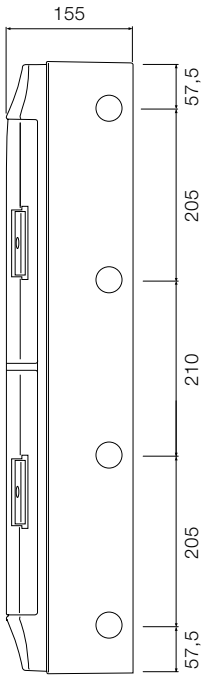




48 modules



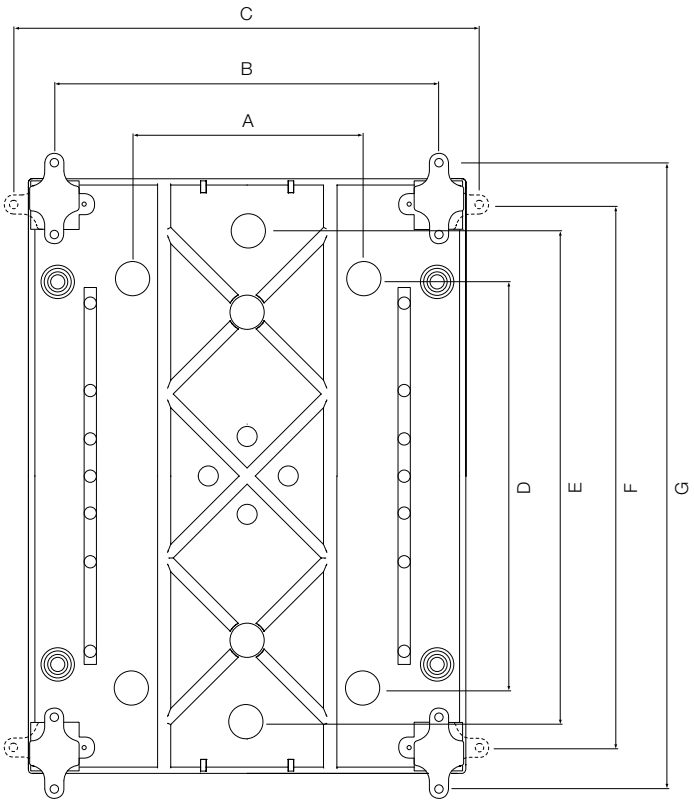
72 modules



Dimensions in mm

System pro *E* comfort MISTRAL65, overall dimensions

Consumer unit fixing template



	A	B	C	D	E	F	G
4 Modules		113	173		140	163	223,5
8 Modules	90	194	254,5	180		212	272,5
12 Modules	170	282,5	343	180		212	272,5
18 Modules	280	392	452,5	125	175	212	272,5
24 Modules	170	282,5	343	310	360	397	457,5
36 Modules - 2 F	280	392	452,5	310	360	397	457,5
36 Modules - 3 F	170	282,5	343	475	525	562	622,5
48 Modules	170	282,5	343	610	660	697	757,5
54 Modules	280	392	452,5	475	525	562	622,5
72 Modules	280	392	452,5	610	660	697	757,5

Dimensions in mm

Notes

Notes

Contact us

ABB SACE
A division of ABB S.p.A.
Enclosures and Cable Systems
Viale Vicenza, 61
36063 Marostica (VI) - Italy
Phone: +39 0424 478200
Fax: +39 0424 478305

ABB b.v.
Low Voltage Products
Frankeneng 15
6716 AA Ede - Netherlands
Phone: +31 (0)318 669300
Fax: +31 (0)318 631718

www.abb.com/lowvoltage

The data and illustrations are not binding. We reserve the right to modify the contents of this document on the basis of technical development of the products, without prior notice.

Copyright 2014 ABB. All right reserved.

1SLC801013D0201-2014

Power and productivity
for a better world™