

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 180° 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.



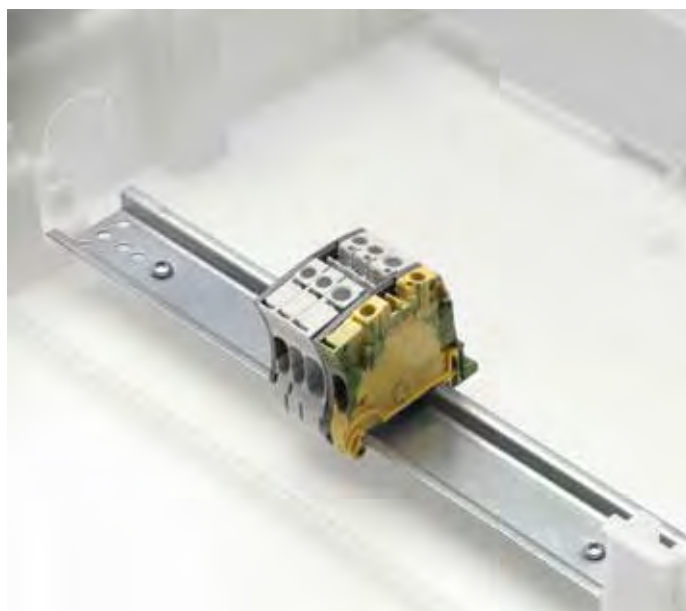
Two DIN rail positions

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.

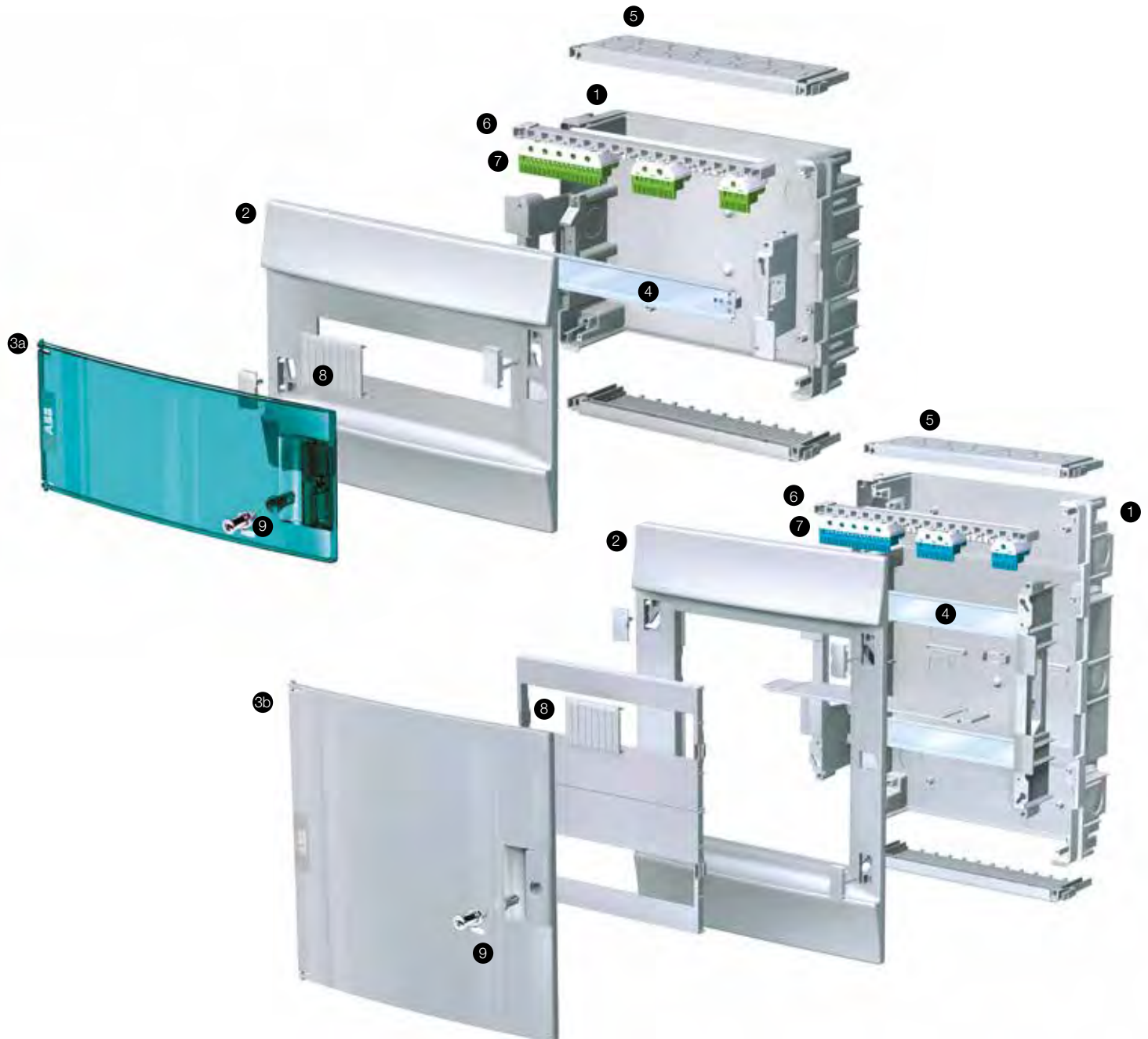


DIN rail terminals

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.

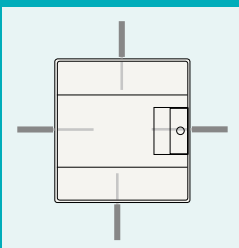


New generations terminals

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.

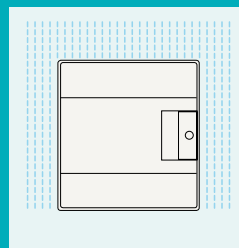
Ingress protection rating IP41

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