



MB24/28CH-11U/M.10

MB24/28CH-18U/M.10

**Pro Surface Series Distribution Box
User Manual**



Date: May 30, 2019

Version: V1.0.0

Overview

Pro Surface Series Distribution Box, which is convenient to install and excellent in structure, adopts modularized design with aluminum alloy bottom frame. Each frame (Both Pro Surface and Pro Surface XL) can be used as 24/28CH Distribution Box according to users' requirements. Customizable knockouts enables fast wiring according to the external environment.

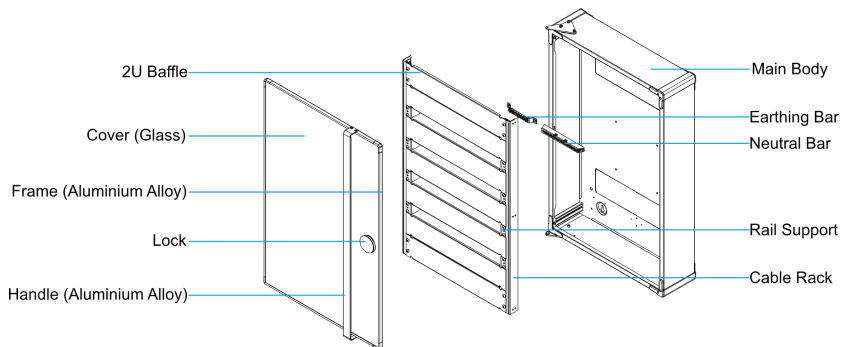


Pro Surface (11U)

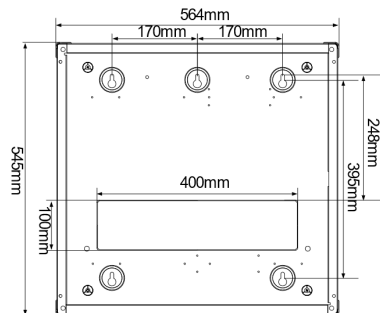


Pro Surface XL (18U)

Components



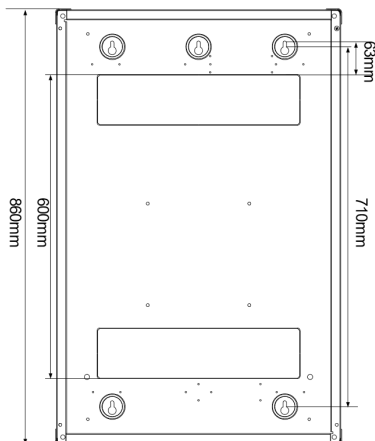
Dimensions



Pro Surface:

Overall: 545×564×176.5mm

Cover: 545×564×16.5mm



Pro Surface XL:

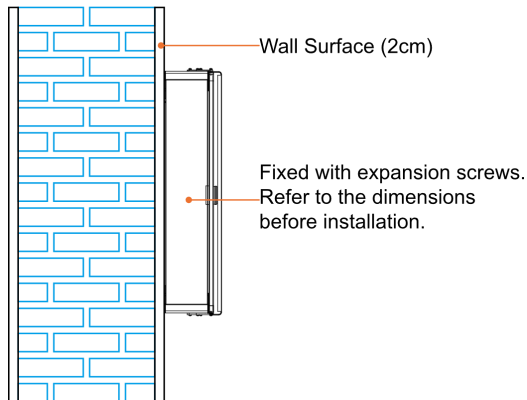
Overall: 860×564×176.5mm

Cover: 860×564×16.5mm

(Please refer to the dimensions of Pro Surface for some of the hole distances of Pro Surface XL)

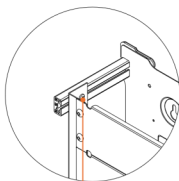
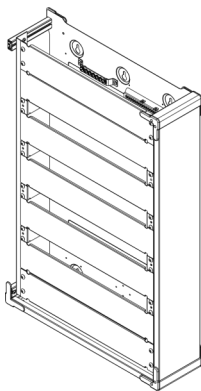
Installation

1. Pro Surface (and Pro Surface XL), which may be used as network cabinet, can be surface mounted only, and modules with Buspro/KNX/RS485/LonWorks can be installed on the rails in the distribution box.
2. The distance between the rails can be adjusted for installing modules with different dimensions.
3. After installation, only the switch of standard 1U circuit breaker or the control part (s) of standard modules can be seen outside the rack structure of the DB box.
4. The minimum distance of two Enclosures is 3cm when they are installed together vertically.
5. The cover and handle can be removed during house renovation, and installed afterwards.

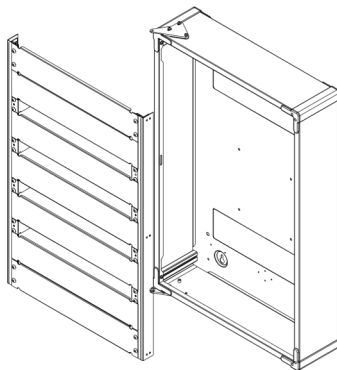


Dividable Interiors

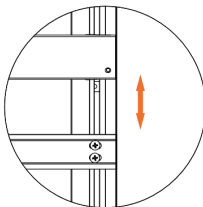
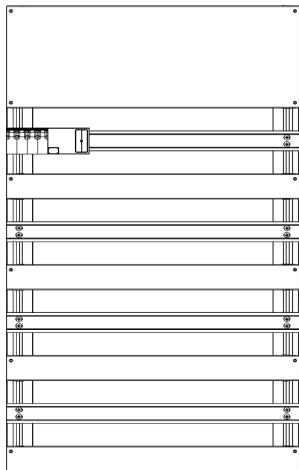
In order to reduce wiring time, the rails, slide rails and cable management arms can be divided with the main body.



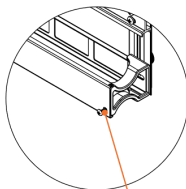
Unscrew to take off the interiors
(4 screws in total)



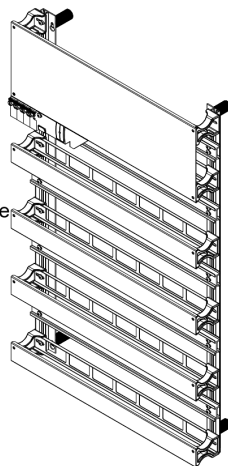
Slide Rail Adjustment



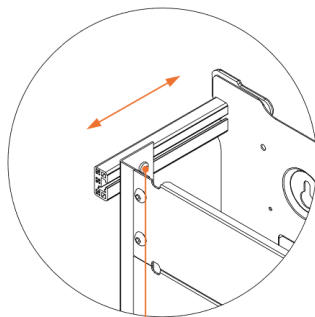
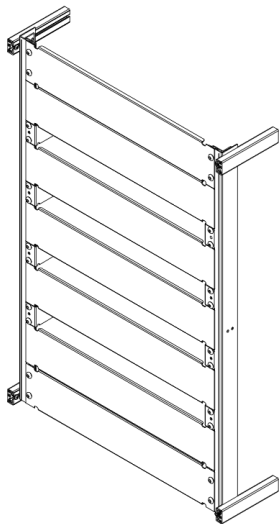
Unscrew to adjust rail distance
to install modules with
different dimensions



Magnet lock for the cover
can be fixed with M4 screws.



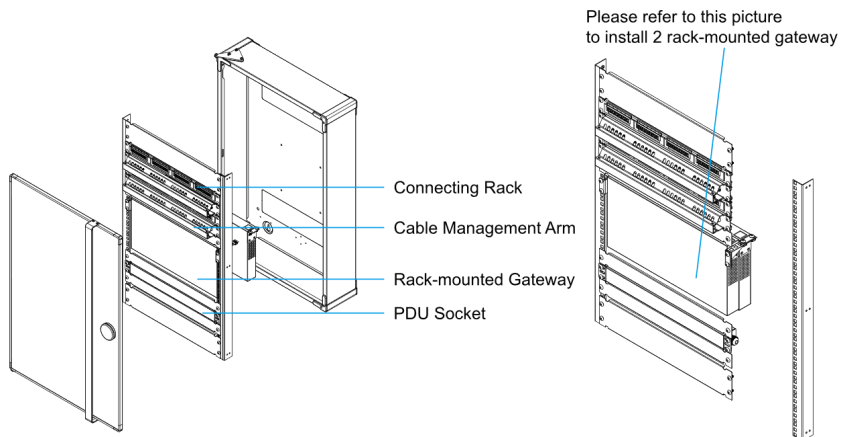
Support Rack Adjustment



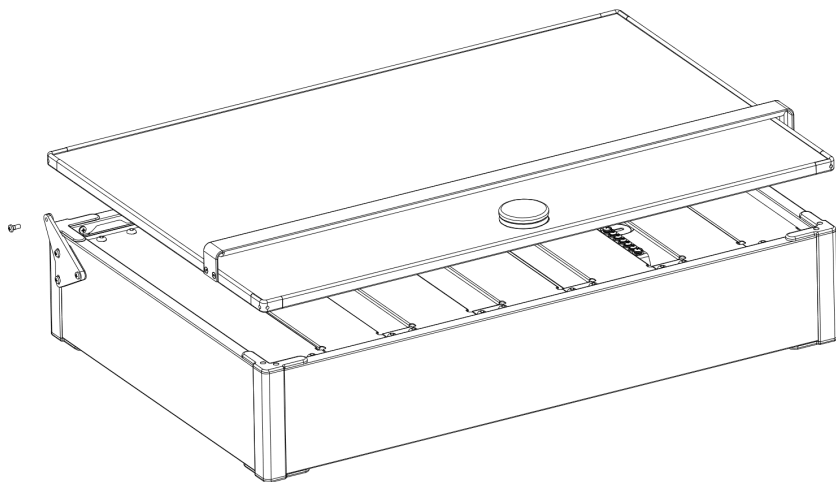
Unscrew to adjust support rack
for various modules/environment

As Network Cabinet

Please inform the sales representative of using the Distribution Box as network cabinet in advance. All the modules in the picture are for instance only and not included in the package list.



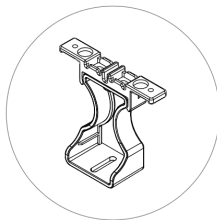
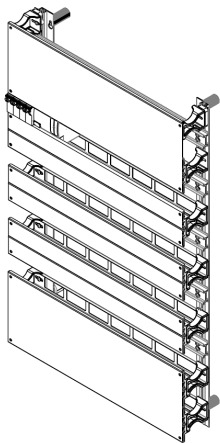
Cover Installation



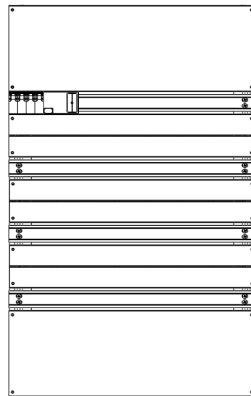
Please remove the cover before installing the main body.

Baffle Installation

Baffles, applicable for standard modules, are not included in the package list.



Fix with M4 tapping screw.



Package List

Component	Number
Cover	1
Main Body	1
Handle	1
Lock	1
Cable Rack	2
Slide Rail	2
Square Hole	2

Note: Rails and wiring accessories are optional according to consumer's needs.



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