

Technical data

QDX 630L	
Electrical characteristics	Mechanical characteristics
Standards: EN 61439-1 and EN 61439-2 (assembled boards), EN 62208 (empty boards)	Degree of protection: IP 30 without door
Rated current (In): up to 400 A (wall-mounting), up to 630 A (floor-mounting)	IP 43 with glass/solid door
Rated operational voltage (Ue): up to 400 V ac	Impact resistance: IK 09 for glass door
Rated insulation voltage (Ui): up to 690 V ac	IK 10 for solid door
Rated impulse withstand voltage (Uimp): 6-8-12 kV 1.2/50 µs	Operating temperature: -5 °C ÷ 40 °C
Rated short-time withstand current for 1s (Icw): 25 kA	Storage temperature: -25 °C ÷ 55 °C
Protection against indirect contacts: metal casing prearranged for earth connection	Sheet steel casing: 15/10 mm thick
	Galvanized metal sheet accessories: 20/10 mm thick
	Sheet metal painted with textured colour Grey RAL 7035 epoxy-polyester powder after phosphating

FUNCTIONAL CHARACTERISTICS	
Type of installation: indoors	Plinth (height 100 mm) palletizable by removing the front and rear panels
Capacity: 24/35 EN 50022 modules per row	Structures can be mounted side by side using the provided kit
Top and bottom cable entry through metal cable gland plates with sealing gasket	Structure can be wall-mounted
Internal functional uprights with 25mm pitch drilled for the assembly of the equipment installation kits	Earthing by contact of metal parts
Pre-arrangement for assembly of internal compartment in board at width 850 mm	Door assembly with reversible opening (right or left side)
Segregation: form 1 and form 2a	Board accessibility: front and side

Dimension tables

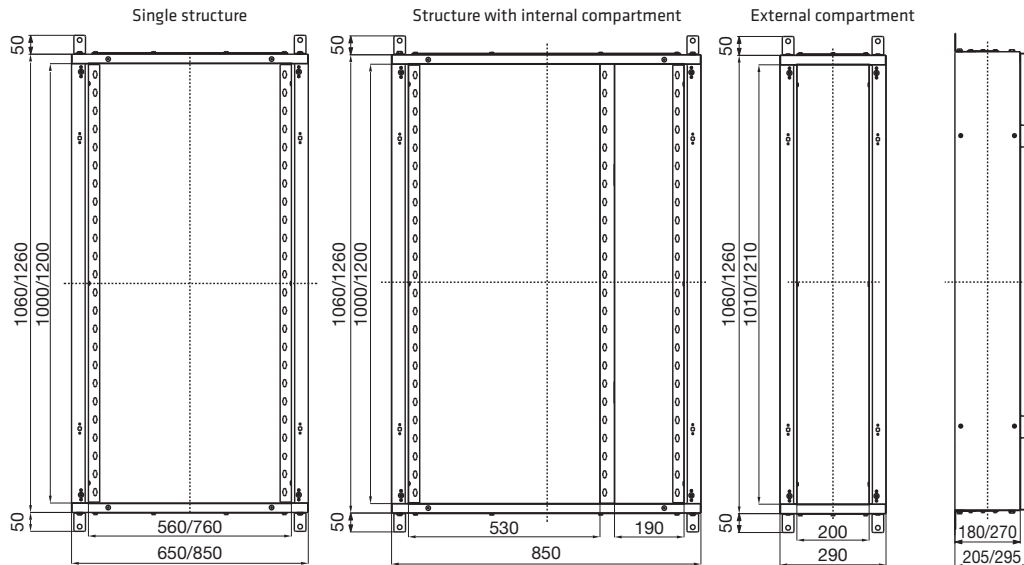
STRUCTURE OF WALL-MOUNTING BOARD

Size calculation of side by side n-structures (columns)

Width (mm) = $(B_1+B_2+\dots+B_n)+15$

B_n = nth column width (mm)

15 = size of 2 side panels



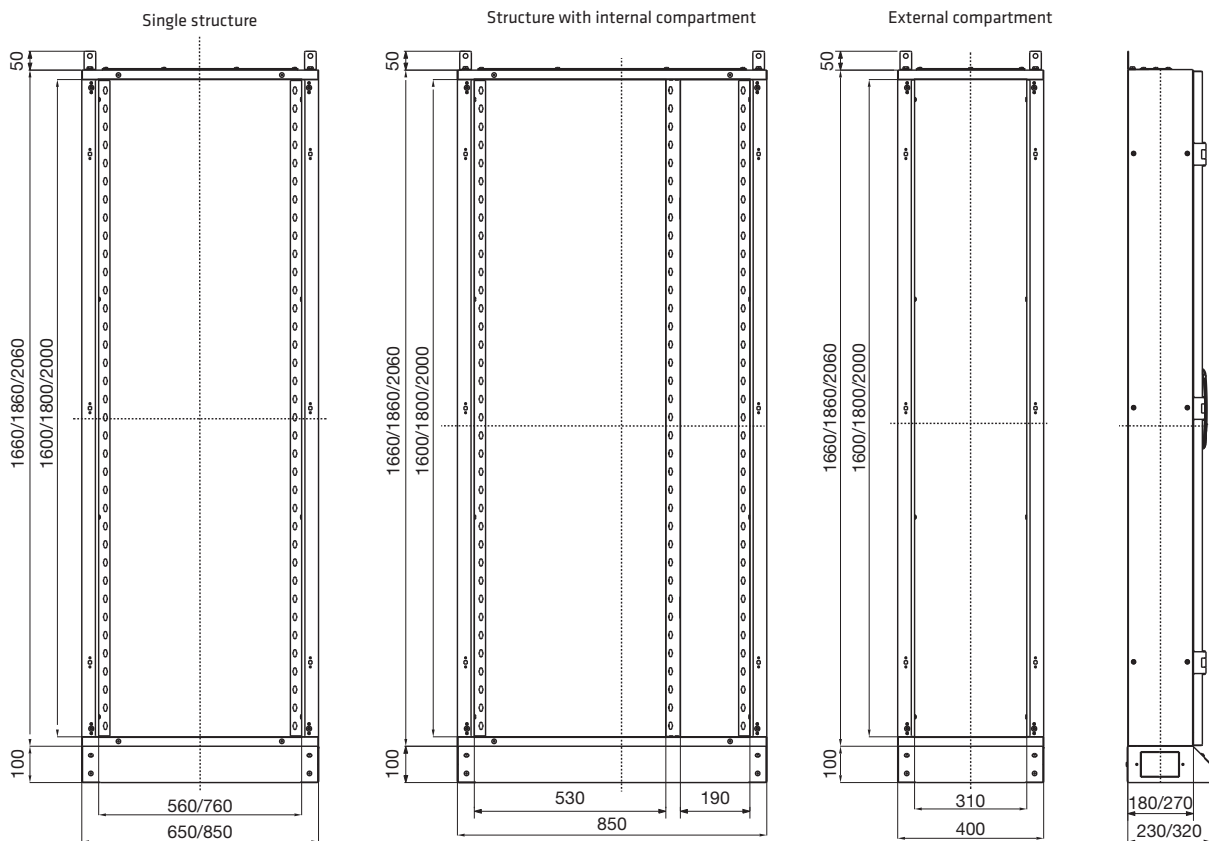
STRUCTURE OF FLOOR-MOUNTING BOARD

Size calculation of side by side n-structures (columns)

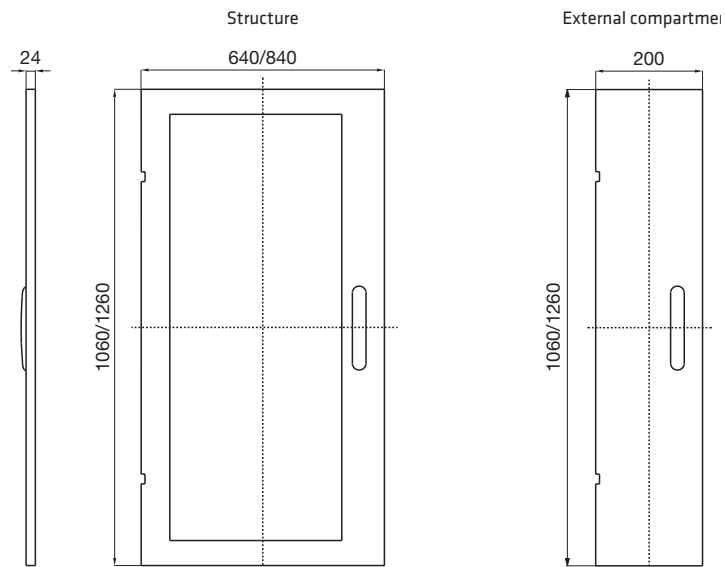
Width (mm) = $(B_1+B_2+\dots+B_n)+15$

B_n = nth column width (mm)

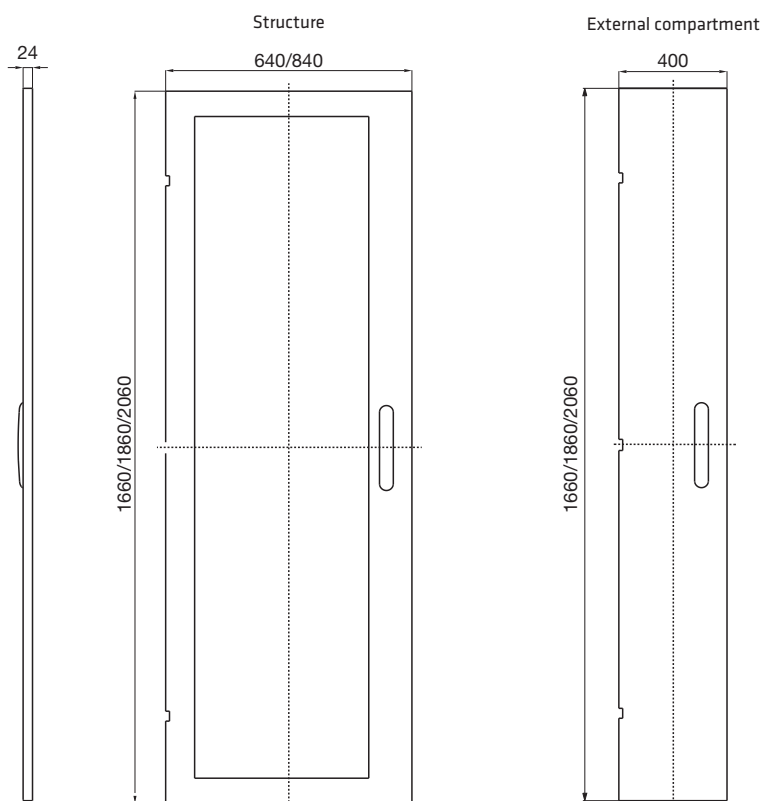
15 = size of 2 side panels



DOORS FOR WALL-MOUNTING BOARD

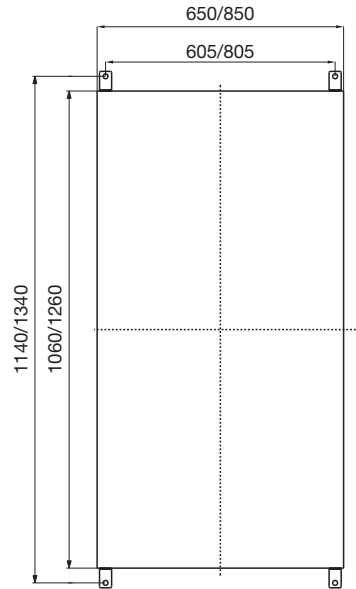


DOOR FOR FLOOR-MOUNTING BOARD

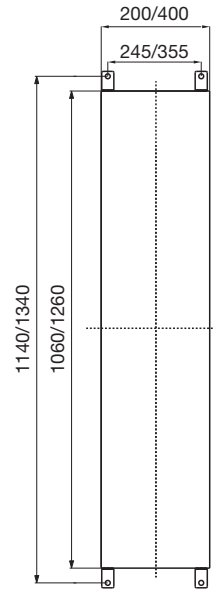


WALL-MOUNTING BOARD INSTALLATION

Structure

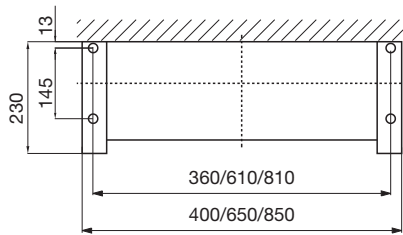


External compartment

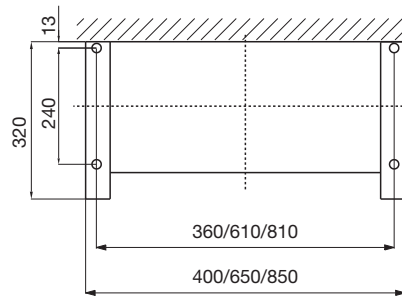


FLOOR-MOUNTING BOARD INSTALLATION

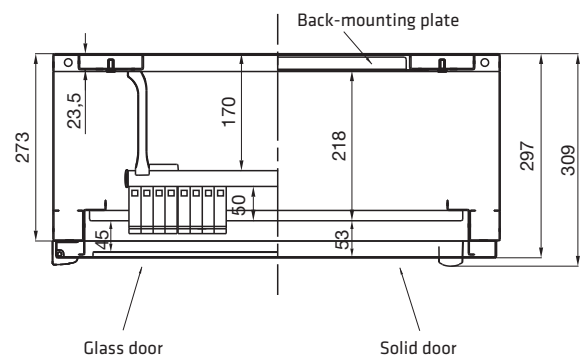
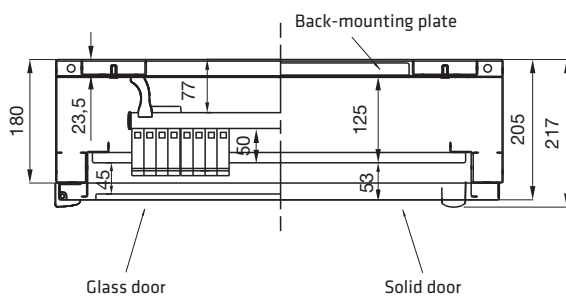
D = 200



D = 300

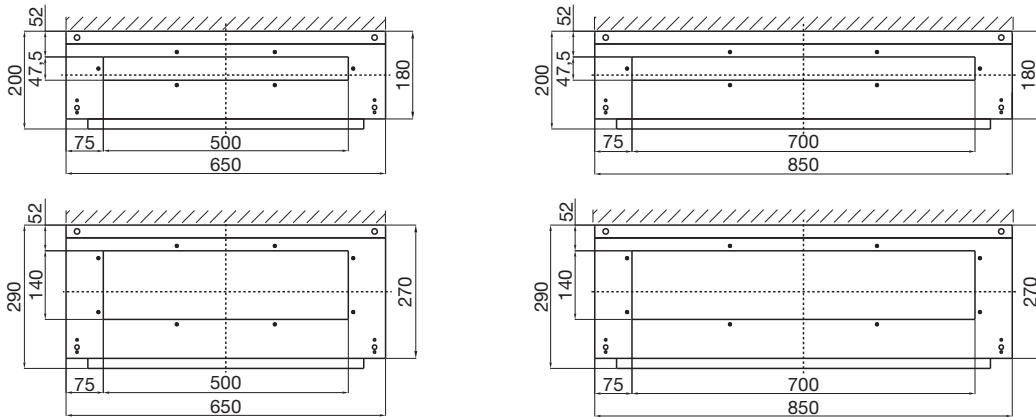


STRUCTURE SECTION

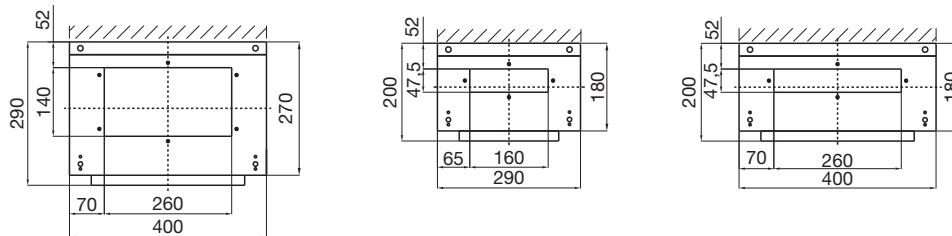


CABLE ENTRY (TOP AND BOTTOM)

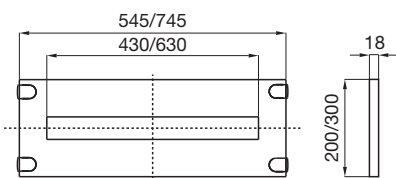
Structure



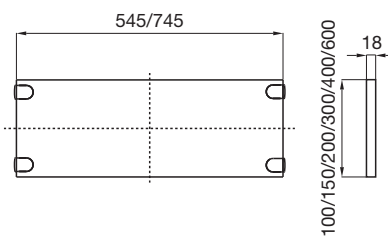
External compartment



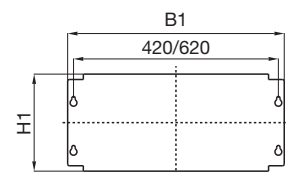
WINDOWED PANELS



SOLID PANELS



BACK-MOUNTING PANELS



Functional dimensions		Real dimensions	
B (mm)	H (mm)	B1 (mm)	H1 (mm)
600	200	442	198
600	400	442	398
600	600	442	598
600	800	442	798
600	1000	442	998
850	200	642	198
850	400	642	398
850	600	642	598
850	800	642	798
850	1000	642	998