PowerPact 4 Powerboard

This low voltage distribution offer provides many unique features in the field of electrical distribution. Suitable for Industrial and commercial installations where standard distribution boards would not meet the requirements.

Technical Data for PowerPact 4

Busbar System	Non Isobar Fishbone structure
No. Ways	6, 8 or 12
Incoming	Up to 250A
Outgoing	Up to 160A
Mounting	Wall Mounted
Busbar Rating	Up to 250A at 415V, 50Hz
Main Cable Entry	Top or bottom
Metering	Incoming only via Micrologic 5/6/7 or PowerTag
Manufacture and tested to	BS EN 61439-1
Busbar Rating	Up to 250A at 415V, 50Hz
Short Circuit Withstand	25kA for 1s

Material Data

Construction	Rigid folded sheet steel with removable top, bottom and side gland plates and top and bottom end covers
Finish	Steelwork in polyester epoxy powder, white colour RAL9003
Degree of Protection	IP2X
Form 3b type 2	As standard

Technical Data for Circuit Breakers

Manufacture and tested to	BS EN 60947-2
Ics	100% Icu 16-250
Calibration Temperature	40°C
Thermal Overload Adjustment	=0.7 - 1 x In
Micrologic Overload Adjustment	= 0.4 - 1 x In
Utilisation Category	A
Pollution Degree	IEC 60664-13

MCCB Icu & Terminal size
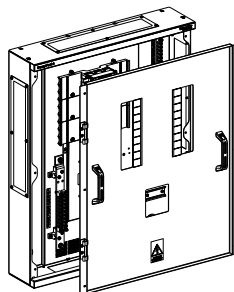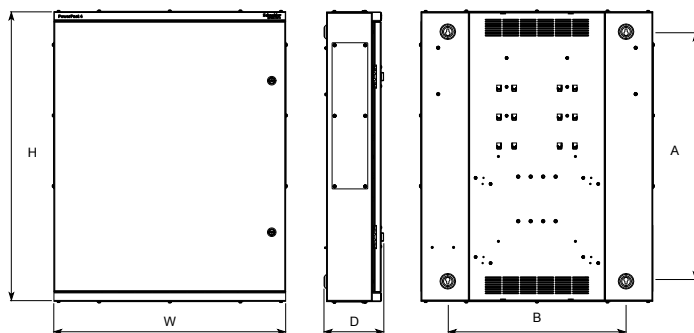
NSX-	16 -100A 36kA 6mm Bolt
	160 -250A 36kA 8mm Bolt
NSXm	1P -16-125A 18kA 2.5-95mm (Cu) Everlink
	3P -15-160A 25kA 2.5-95mm (Cu) Everlink

Earth Fault Protection

Can be configured using Micrologic 4/7 for incoming devices

Sensitivity I Δn (A): 30mA*, 300mA, 1A, 3A, 10A

Time Delay 0, 60, 150, 310 milli –seconds

Reference	Height (mm)	Width (mm)	Depth (mm)
PP4NB26	822	660	168
PP4NB28	903	660	168
PP4NB212	1065	660	168

* If the sensitivity is set to 30mA, there is no time delay, regardless of the time delay setting.

EverLink Patented Technology | EverLink is a new connection method on circuit breakers with patented creep compensation technology built directly into the terminal. Bare cables are safe as compression lugs and you save space and time in your panel assembly.

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