Power**Pact** 4

Discover the future of wall mounted power boards

Life Is On | Schneider Electric

The future of wall mounted power boards

Power**Pact** 4 power board

The range of wall mounted Power**Pact** 4 power boards are designed, manufactured and tested to BS EN 61439-1. The structures are rigid sheet steel finished in a cream colour epoxy powder (RAL 9003).

Overview

All the boards have removable front doors as well as handles on the cover to allow ease of removal upon installation. The board is bidirectional with top and bottom gland plates that can be removed and relocated when a top entry board is required.

Compact NSXm compatible

The utilisation of the Compact NSXm the board will allow more outgoing ways without taking up the room needed by alternative boards.

The Compact NSXm and is one of the smallest breakers on the market with a number of innovative features, such as DIN rail mounting, spring type axillaries with externally visible indications and Everlink terminal connectors. Everlink connection is a new and patented technology which has a 'creep compensation system' built into the terminals. This means that bare cables are safe as compression lugs, enabling you to save space and time in your panel assembly.

PowerPact 4 Overview

Introduction

PowerPact 4 Powerboard is available in 3 options all being wall mounted. Using the fish bone structure, it offers a 6, 8 and 12 way version or 18, 24 and 36 single pole versions respectively. All are bottom entry as standard with the option of rotating and reversal of the door to give top entry.

Each have Internally designated DIN Rail for the addition of Smart DIN mounted devices giving the incomer the capability of been connected and the ability to meter the whole board.

Devices

The breaker range comprises of Incoming device ratings up to 250A with triple pole, triple pole and neutral and four pole options. The outgoing device range comprises single pole and triple pole ratings up to 160A.

For this reason, the number of outgoing ways in the selection table is expressed in single pole ways as well as triple pole ways.

Range

The PowerPact 4 range is a straight forward answer to all power requirements. Now ranging from 250A 25kA up to 1600A 50kA it provides an off-the-shelf solution for most standard distribution applications.

Technical Data

Incoming	Up to 250A
Outgoing	Up to 160A
Main Cable Entry	Top or bottom
Metering	Incoming only via Micrologic 5 or PowerTag
Manufacture and tested to	BS EN 61349-1
Busbar Rating	Up to 250A at 415V, 50Hz
Short Circuit Withstand	25kA for 1s
Construction	Rigid folded sheet steel with removable 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°
Thermal adjustment	- NSX	70 – 250A = 0.7 – 1 x In
	- NSXm	16 –160A = 0.7 – 1 x In

MCCB Icu & Terminal size

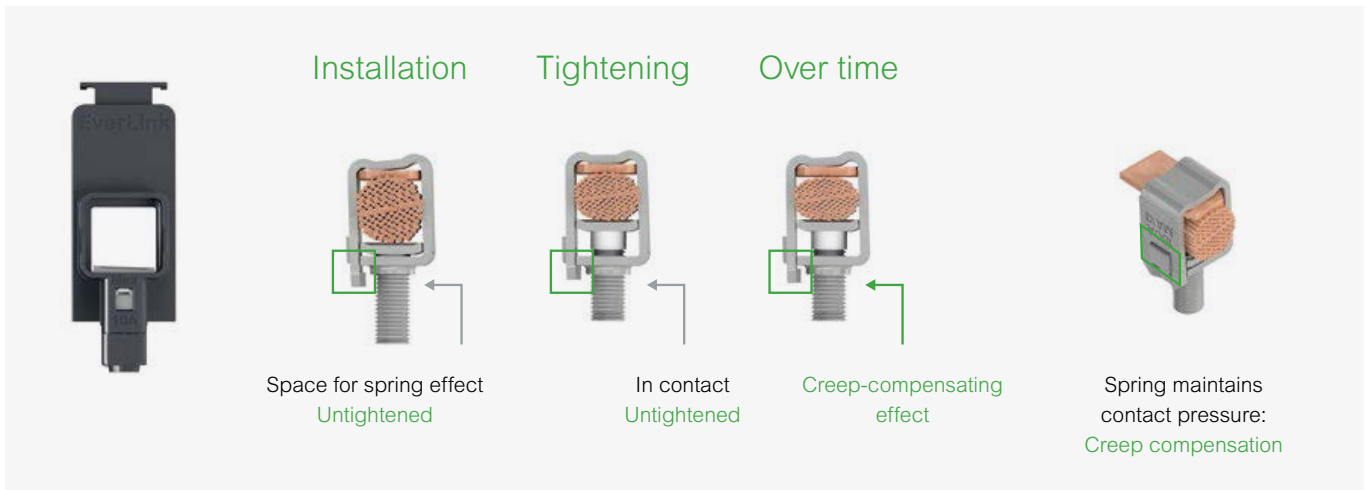|	
NSX	16-100A 36kA 6mm Bolt
	160 - 250A 36kA 8mm Bolt
NSXm	15 - 160A 25kA 2.5 - 10mm2 (Cu) Everlink

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.

Innovation and efficiency in every detail

- Improving wiring efficiency
- Reliable connections with patented and proven EverLink™ Technology.

Find out more about **EverLink™ Power Connection** Solution. Scan the QR code to watch the video

	Installation	Tightening	Over time	
	Space for spring effect	In contact	Creep-compensating effect	Spring maintains contact pressure:
	Untightened	Untightened		Creep compensation

PowerPact 4 Selection Tab

	New!	Existing Range			
	250A Powerboard	250A Panelboard	400/630A Panelboard	800A Panelboard	1600A Panelboard
Busbar short circuit withstand					
	25kA	36kA, 1s	36Ka, 1s	50kA, 1s	50kA, 1s
Number of outgoing ways					
15SP (5TP)		Standard			
18SP (6TP)	Standard		Standard	Standard	
21SP (7TP)		Standard			
24SP (8TP)	Standard				
27SP (9TP)		Standard			
36SP (12TP)	Standard		Standard	Standard	
39SP (13TP)		Standard			
42SP (14TP)					Standard
54SP (18TP)			Standard	Standard	
84SP (28TP)					Optional
Incoming device					
100A MCCB	Optional	Optional			
160A MCCB	Optional	Optional			
250A MCCB	Optional	Optional	Optional		
400A MCCB			Optional		
630A MCCB			Optional		
800A MCCB				Standard	
1250A MCCB					Optional
1600A MCCB					Optional
Main incoming cable entry					
Top	Optional	Optional	Optional	Optional	Optional
Bottom	Optional	Optional	Optional	Optional	Optional
Incoming metering					
	Optional	Optional	Optional	Optional	Standard
Outgoing metering					
		Optional	Optional	Optional	Optional
Top/bottom extension boxes					
		Optional	Optional	Optional	
Side extension boxes					
			Optional	Optional	Optional

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We are committed to unleash the infinite possibilities of an **open, global, innovative community** that is passionate about our **Meaningful Purpose, Inclusive and Empowered** values.

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