

Quikwire Plug-In Metering



Features

- **Plug and Play Technology** - Significantly reducing installation time by more than 50%
- **Pre-configured Meter** - Pre-formed jumper cables eliminates wiring errors
- **Meter Ready Panelboard** - Plug connectable voltage reference fuses pre-installed



HAVELLS

Easy meter installation in minutes...

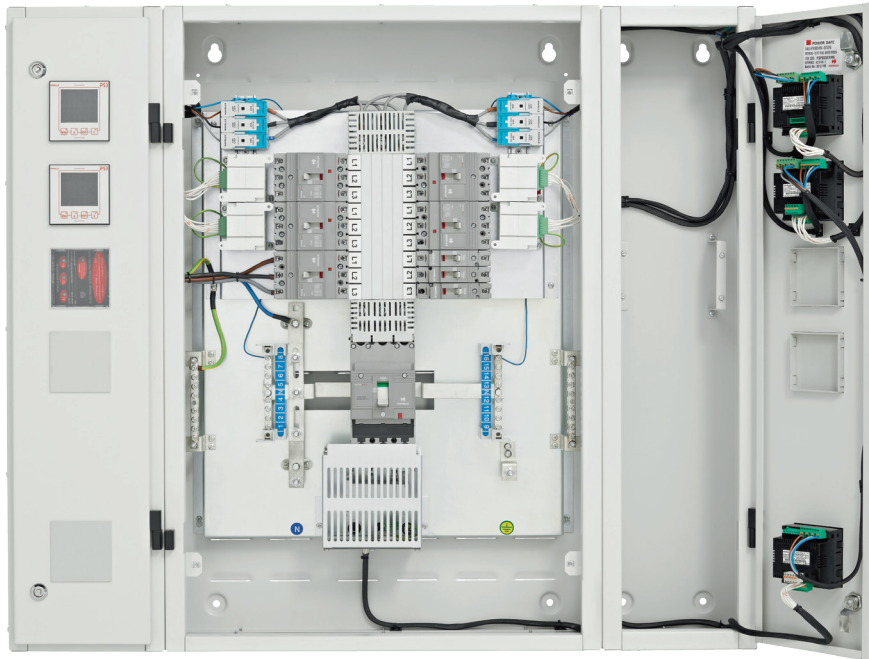
Havells Switchgear launches a new range of energy meters incorporating plug and play technology which eliminates wiring errors and dramatically reduces installation time.



PowerSafe Panelboard is pre-fitted with 50kA in-line fuses for ease of installation and increased electrical safety



CTs are reversible and clearly labelled and also feature internal ground facility.



Meters are self powered - jump cables facilitate looping of supply between meters



Meters have both pulse and serial communication outputs providing universal integration with BMS and EMS Systems



Surge protection ready side extension boxes eliminates installation variables. Window available for easy viewing



Incoming meter pack is pre-configured ready to connect



Meter CT ratios are pre-set to eliminate programming errors

Havells Quikwire plug-in metering solution for MCCB panelboards is designed to utilise side extension boxes to facilitate mounting of meters for both outgoing and incoming circuits.

MCCB Panelboards are ready with meter supply and the side extension chambers are supplied with meter cut outs and fitted with removable blanking pieces. Plug-in meters, current transformers and harnesses have been specifically engineered to compliment the MCCB panelboard to ensure meter installation is quick and easy.

Other Features

- Simple catalogue references for easy ordering (1 cat no. per metered circuit)
- Pull resistance connectors ensure long term system integrity
- Incoming meter packs are available for applications where only the supply is to be metered and where no side extension chambers are required



Product Selection

MCCB Panelboard metering in 6 easy steps.....

Step 1: Select Panelboard

Description	250A Panelboard	400A Panelboard	630A Panelboard
4 Way MCCB Panelboard	PSPB254	-	-
6 Way MCCB Panelboard	PSPB256	PSPB406	PSPB636
8 Way MCCB Panelboard	PSPB258	-	PSPB638
12 way MCCB Panelboard	PSPB2512	PSPB4012	PSPB6312
18 way MCCB Panelboard	-	PSPB4018	-

Step 2: Select Incoming Device

Description	250A Panelboard	400A Panelboard	630A Panelboard
160A 3P Circuit Breaker Switch	PSFN3160CB	-	-
200A 3P Circuit Breaker Switch	PSFN3200CB	-	-
250A 3P Circuit Breaker Switch	PSFN3250CB	PSCH3250CB	PSCH3250CB
320A 3P Circuit Breaker Switch		PSCH3320CB	PSCH3320CB
400A 3P Circuit Breaker Switch		PSCH3400CB	PSCH3400CB
630A 3P Circuit Breaker Switch			PSCH3630CB
160A 3P MCCB	PSFN3160MC	-	-
200A 3P MCCB	PSFN3200MC	-	-
250A 3P MCCB	PSFN3250MC	PSCH3250MC	PSCH3250MC
320A 3P MCCB	-	PSCH3320MC	PSCH3320MC
400A 3P MCCB	-	PSCH3400MC	PSCH3400MC
630A 3P MCCB	-	-	PSCH3630MC

Step 3: Select Meter Side Extension Box

Description	250A Panelboard	400A Panelboard	630A Panelboard
4 Way Meter Side Extension Box	PSPB25EXM4	-	-
6 Way Meter Side Extension Box	PSPB25EXM6	PSPB40EXM6	PSPB63EXM6
8 Way Meter Side Extension Box	PSPB25EXM8	-	PSPB63EXM8
12 Way Meter Side Extension Box	PSPB25EXM12	PSPB40EXM12	PSPB63EXM12
18 Way Meter Side Extension Box	-	PSPB40EXM18	-

Step 4: Select Incoming Meter Pack or Kit

Description	Part Nos
250A Meter Pack (bottom connection only)	PSPBS250MP
400A Meter Pack (bottom connection only)	PSPBS400MP
630A Meter Pack (bottom connection only)	PSPBS630MP
or	
250A Plug and Play Incoming Meter Kit (fits into bottom meter position of side ext box)	PSPBS250SW
400A Plug and Play Incoming Meter Kit (fits into bottom meter position of side ext box)	PSPBS400SW
630A Plug and Play Incoming Meter Kit (fits into bottom meter position of side ext box)	PSPBS630SW

Step 5: Select Outgoing meter kit (1 per metered circuit)

Description	Part Nos
63A Plug and Play Outgoing Meter Kit (including CT, meter and plug-in loom)	PSPBL63SW
125A Plug and Play Outgoing Meter Kit (including CT, meter and plug-in loom)	PSPBL125SW
160A Plug and Play Outgoing Meter Kit (including CT, meter and plug-in loom)	PSPBL160SW
250A Plug and Play Outgoing Meter Kit (including CT, meter and plug-in loom)	PSPBL250SW

Step 6: Select accessories if required

Description	Part Nos
Meter Extension Loom to bypass 3 meters (0.9m)	PSPBSW3ME
Meter Extension Loom to bypass 5 meters (1.2m)	PSPBSW5ME
Spare Standard Wiring Loom	PSPBSWCK

Note:- All active energy meters require a minimum loading to operate correctly. Always select a CT scaling range representative of the likely full load maximum current. For advise, call our technical support team on 0843 22 753 88

Product innovation is at the heart of Havells Switchgear. Understanding the challenging needs of our customers continues to bring new ideas for electrical distribution. When it comes to solutions for compliance with metering regulations Havells have the answer to suit a variety of sub-distribution applications.



Tri-load

Tri-load is the only standard distribution board that conveniently separates small power circuits, lighting circuits and mechanical services loads and provides net energy values of each load type.

Features

- Unique three sectioned metered design - Configurable as a power and lighting board or power, lighting and mechanical services
- Pre-installed - Metering and incomer pre-wired for hassle free installation
- Single piece main busbar - Design eliminates potential hotspots
- L2 Building Regulations Compliance - Conforms to L2 Building Regulations simplifying specification

Metered Boards

Havells has a complete range of metered boards with a choice of multi-function and MID certified options as standard. The distribution boards are specifically designed to help provide energy metering to Part L2 of building regulations (England and Wales).

Features

- Pre-wired - metering elements are fully installed
- Pulse/Modbus Comms - Modbus RS485 and Pulse as standard
- Multiple incoming options - flexible installation options
- MID approve metering option - the legal requirement for billing under UK regulation

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