

# PM5350 series

## Technical Data Sheet

The PowerLogic PM5350 series power meters are the new benchmark in affordable, precision metering.

The PowerLogic PM5350 power meter offers all the measurement capabilities required to monitor an electrical installation in a space-efficient, single 96 x 96 mm unit with small depth.

### Applications

- Panel instrumentation.
- Cost allocation or energy management
- Electrical installation remote monitoring
- Sophisticated alarming
- Circuit breaker monitoring and control



PE66278









# PM5350 series

## PM5350 technical specifications

Mechanical characteristics		
Weight		250 g
IP degree of protection (IEC 60529)		IP51 front display, IP30 meter body (excluding connectors)
Dimensions	W x H x D	96 x 96 x 44 mm (depth of meter from housing mounting flange) 96 x 96 x 13 mm (protrusion of meter from housing flange)
Mounting position		Vertical
Panel thickness		6.35 mm max
Environmental characteristics		
Operating temperature	Meter	-25 °C to 70 °C
	Display	-20 °C to 70 °C (Display functions to -25 °C with reduced performance)
Storage temp.	Meter + display	-40 °C to 85 °C
Humidity rating		5 % to 95 % RH at 50 °C (non-condensing)
Pollution degree		2
Altitude		3000 m max
Indoor use only	Not suitable for wet locations	
Electromagnetic compatibility		
Electrostatic discharge		IEC 61000-4-2★
Immunity to radiated fields		IEC 61000-4-3★
Immunity to fast transients		IEC 61000-4-4★
Immunity to impulse waves		IEC 61000-4-5★
Conducted immunity		IEC 61000-4-6★
Immunity to magnetic fields		IEC 61000-4-8★
Immunity to voltage dips		IEC 61000-4-11★
Radiated emissions		FCC part 15 class A, EN 55011 Class A
Conducted emissions		FCC part 15 class A, EN 55011 Class A
Harmonics		IEC 61000-3-2★
Flicker emissions		IEC 61000-3-3★
Safety		
Europe		CE, as per IEC 61010-1
U.S. and Canada		cULus as per UL 61010-1, IEC 61010-1 (3rd Edition)
Measurement category (Voltage and current inputs)		Per IEC 61010-1: CAT III, 277 V L-N / 480 V L-L nominal; CAT II 400 V L-N / 690 V L-L nominal Per UL 61010-1 and CSA C22.2 No. 61010-1: CAT III, 300 V L-L
Overvoltage Category (Control power)		CAT III
Dielectric		As per IEC 61010-1 Double insulated front panel display
Protective Class		Class II
Communication		
RS-485 port		2-Wire, 9600,19200 or 38400 baud, Parity - Even, Odd, None, 1 stop bit if parity Odd or Even, 2 stop bits if None; Modbus RTU, Modbus ASCII (7 or 8 bit), JBUS
Firmware and language file update		Update via communication port using DLF3000 software
Isolation		2.5 kVrms, double insulated
Human machine interface		
Display type		Monochrome Graphics LCD
Resolution		128 x 128
Backlight		White LED
Viewable area (W x H)		67 x 62.5 mm
Keypad		4-button
Indicator Heartbeat / Comm activity		Green LED
Energy pulse output / Active alarm indication (configurable)		
Type		Optical, amber LED
Wavelength		590 to 635 nm
Maximum pulse rate		2.5 kHz

★ As per IEC 61557-12

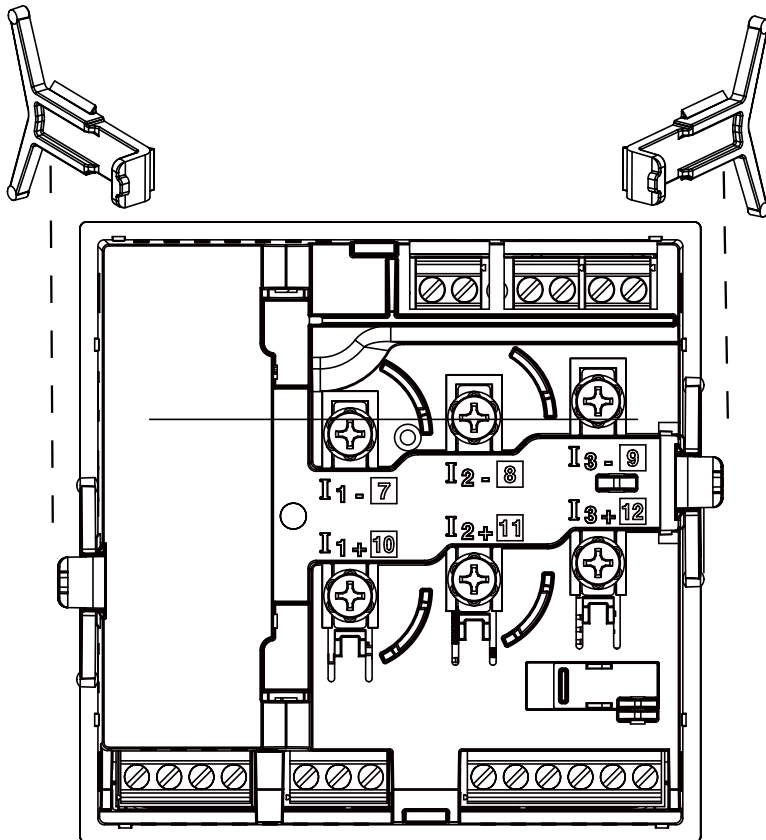
Rear of meter - open

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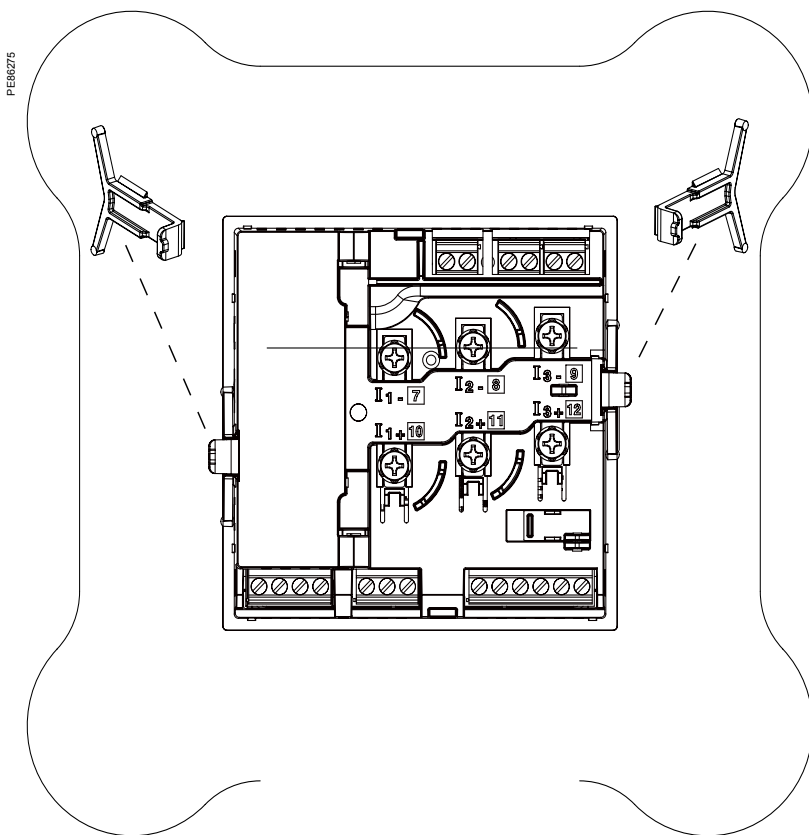
Rear view retainers - installation

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For detailed installation instructions see the product's Installation Guide.

Rear view retainers - users



For detailed installation instructions see the product's Installation Guide.



