

IP54 Gasket

Technical Datasheet

Upgrade IP degree of protection against ingress of dust and water for panel meters with optional IP54 Gasket. Compatible with Schneider make power meter with 96 mm x 96 mm form factor/dimension.

IP – Ingress protection rating is used to specify the environmental protection of electrical equipment Ingress Protection (IP) ratings are developed by the European Committee for Electro Technical Standardization (CEN/IEC), to specify the environmental protection on the device enclosures. The applicable standard for testing IP degree of protection of the device is IEC 60529.

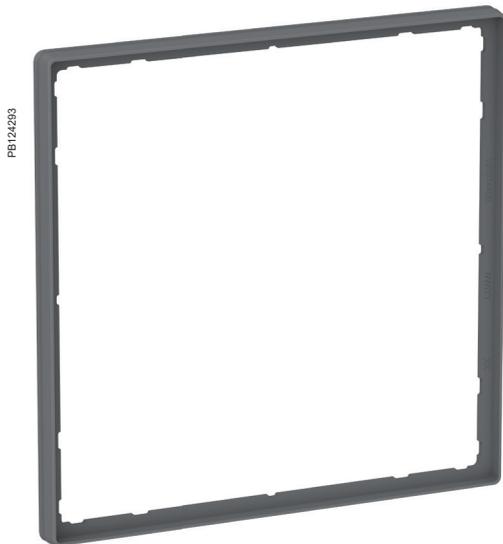


IP54 Gasket



Power meter upgraded to IP54 degree of protection

IP54 Gasket



FB124293

IP54 Gasket iso view

- Applications
 - Upgrade Ingress protection of power meters to IP54 level
 - Power meters in the electrical panels require higher degree of ingress protection against the penetration of dust and water
 - Add-on accessory for EasyLogic™ PM2000 series and PowerLogic™ PM5000 series power meter
 - Optional accessory for EasyLogic™ DM1000, DM3000, DM6000, EM1000, DM6xx0H, EM1000H, EM64xxH, EM6400NG+, EM7200, PM1000H series power meter
- Main characteristics
 - Compatible to use with 96 mm x 96 mm form factor power meters having cut out size of 90 mm x 90 mm ±2
 - High grade Wacker Silicones LR 3003\70 to withstand against harsh environmental conditions
 - Color: Pantone Cool Grey 11C
 - Ensures IP54 degree of protection to the power meters installed in the electrical panel
 - Long life (>15 years)
 - Easy to upgrade
 - IP54 certified as per IEC 60529 standard
 - Tested for flammability as per UL 94

Commercial reference number

Commercial reference number	Description
METSEIP54GK96X96FD	IP54 gasket for 96 mm x 96 mm form factor power meter (for India)
METSEIP54GK96X96FF	IP54 gasket for 96 mm x 96 mm form factor power meter (for global)

IP54 Gasket Technical Specifications

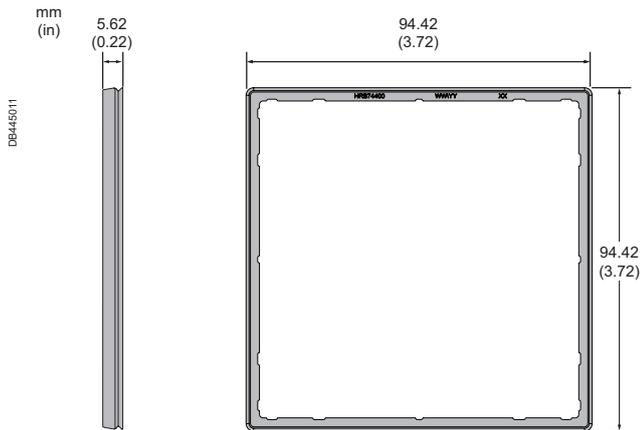
Environmental characteristics	
Operating temperature	-25 to 70 °C (-13 to 158 °F)
Storage temperature	- 30 to 80 °C (-22 to 175 °F)
Humidity rating	5 to 95 % RH non-condensing
Altitude	≤3000 m (9842.5 ft)
RoHS compliance	2002/95/EC
General	
IP protection degree	IP54 as per IEC 60529
Weight	< 0.02 kg/part
Flammability rating according to UL 94	HB grade

IP degree rating table

First number:	Protection against:	Second number:	Protection against:
0	No protection	0	No protection
1	Solid objects greater than 50 mm	1	Vertical water drops to which indoor equipment can be exposed due to leaks or condensation, limited ingress permitted
2	Solid objects greater than 12 mm	2	Direct sprays of water up to 15° from the vertical, limited ingress permitted
3	Solid objects over 2.5 mm (tools and wires)	3	Direct sprays of water up to 60° from the vertical, limited ingress permitted
4	Solid objects over 1 mm (tools, wire, and small wires)	4	Water sprayed from all directions, limited ingress permitted
5	Dust limited ingress (no harmful deposit, 2 to 8 hrs)	5	Low pressure jets of water from all directions, limited ingress permitted
6	Dust, no ingress of dust, 2 to 8 hrs	6	Low pressure jets of water, limited ingress permitted
		7	The effect of immersion between 15 cm and 1 m for 30 mins
		8	Long periods of immersion under pressure

IP54 Gasket

IP54 gasket mechanical dimensions

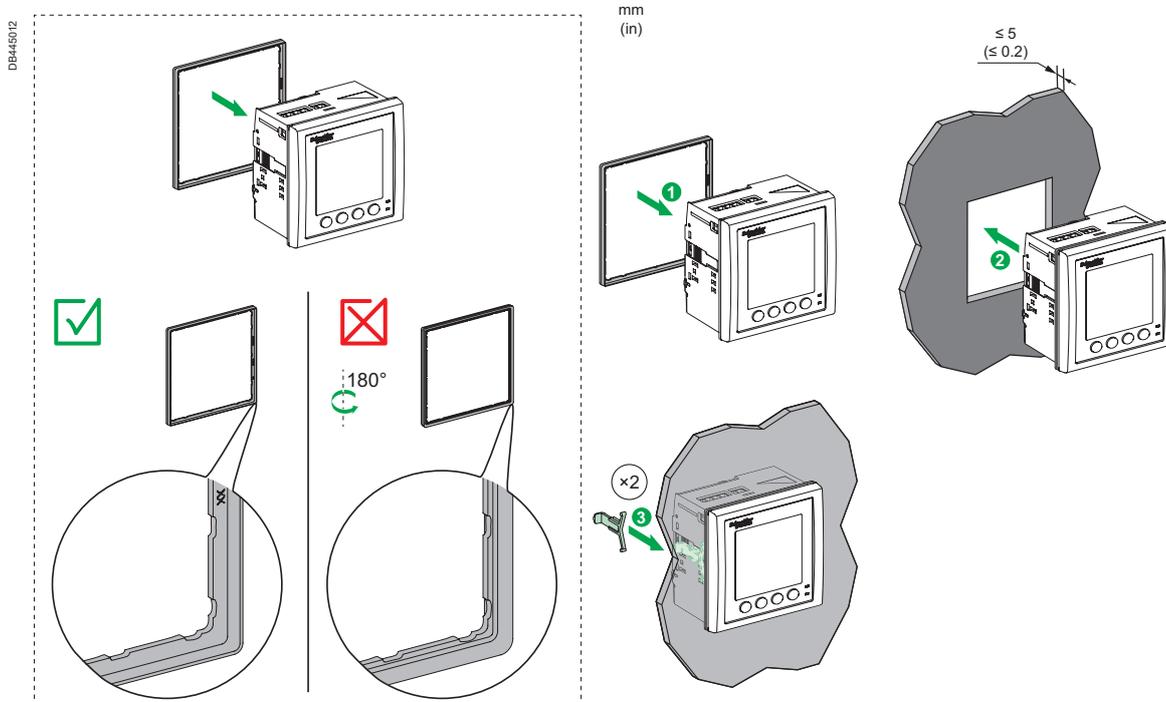


Compatible Schneider power meter ranges

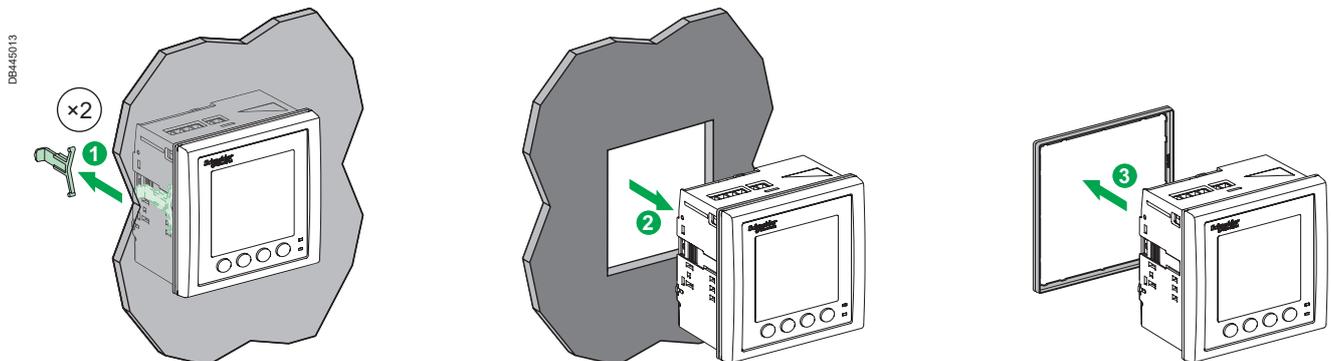
Range	Power meter series
PowerLogic™	PM5000 series
EasyLogic™	DM1000 / DM3000
	DM6000 / EM1000
	DM6xx0H
	EM1000H
	EM64xxH
	EM6400NG+
	EM7200
	PM1000H
	PM2000 series

Note: See the appropriate Technical Datasheets of power meter series for more information.

IP54 gasket Mounting



IP54 gasket Dismounting



See the appropriate **Installation Guide** for correct installation instructions.



www.se.com

Schneider Electric Industries SAS
35, Rue Joseph Monier
CS 30323
92506 Rueil Malmaison Cedex

RCS Nanterre 954 503 439
Capital social 928 298 512 €
www.se.com

August 2022
IP54 Gasket
PLSED310198EN

© 2022 - Schneider Electric. All rights reserved.
All trademarks are owned by Schneider Electric
Industries SAS or its affiliated companies.

As standards, specifications and designs develop from time to time, please
ask for confirmation of the information given in this document.

Over 75 % of Schneider Electric products
have been awarded the Green Premium ecolabel.

