

Product datasheet

Specifications



Breaker frame, PowerPacT 4, 100A, 4P, 50kA, without trip unit

MGP1004XFO

⚠ Discontinued on: 31 Oct 2023

⚠ End-of-service on: 31 Jan 2024

⚠ Discontinued

EAN Code: 5018934966823

Main

Range of product	PowerPacT 4
Product or component type	Basic frame
Device application	Distribution
Poles description	4P
[In] rated current	100 A
[Ue] rated operational voltage	415 V AC 50/60 Hz
Suitability for isolation	Yes conforming to BS EN 60947-2
Utilisation category	Category A
[Icu] rated ultimate short-circuit breaking capacity	50 kA Icu at 415 V AC 50/60 Hz
Trip unit name	NA
Control type	Toggle
Circuit breaker mounting mode	Panel-mounted

Complementary

[Ui] rated insulation voltage	800 V
[Uimp] rated impulse withstand voltage	8 kV
[Ics] rated service short-circuit breaking capacity	50 kA at 415 V AC 50/60 Hz
Mechanical durability	50000 cycles
Electrical durability	50000 cycles at 440 V In/2 30000 cycles at 440 V In
Mounting support	Backplate
Mounting position	Horizontal and vertical
Number of modules	4 module(s)35 mm
Earth-leakage protection	Without
Contact position indicator	Yes
Width	140 mm
Depth	86 mm
Height	161 mm
Net weight	2.4 kg
Product destination	250 A panelboard 400/630 A panelboard

Colour	Grey
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Environment

Standards	BS EN 60947-2
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Electrical shock protection class	Class II
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Pollution degree	3 conforming to EN/IEC 60664-1
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IP degree of protection	IP40 conforming to EN/IEC 60529
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IK degree of protection	IK07 conforming to EN/IEC 62262
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Ambient air temperature for operation	-25...70 °C
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Ambient air temperature for storage	-50...85 °C
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Operating altitude	0...2000 m without derating 2000...5000 m with derating
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Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	15.5 cm
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Package 1 Width	25.2 cm
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Package 1 Length	39.0 cm
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Package 1 Weight	4.175 kg
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Unit Type of Package 2	PAM
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Number of Units in Package 2	40
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Package 2 Height	81.0 cm
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Package 2 Width	100.0 cm
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Package 2 Length	120.0 cm
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Package 2 Weight	186.8 kg
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better



Materials and Substances

PVC free

Yes

Use Longer



Lifetime extension

Repair

No