

Product datasheet

Specifications



Switch disconnecter, PowerPacT 4, 3P, 100A

MGP1003NAX

⚠ Discontinued on: 31 Oct 2022

⚠ End-of-service on: 18 Apr 2024

⚠ Discontinued

Main

Range	PowerPact
Range of product	PowerPacT 4
Product or component type	Switch disconnecter
Device application	Isolation
Poles description	3P
[In] rated current	100 A
[Ue] rated operational voltage	415 V AC 50/60 Hz
Suitability for isolation	Yes conforming to BS EN 60947-3
Utilisation category	AC-22A AC-23A DC-22A DC-23A
Contact position indicator	Yes
[Icw] rated short-time withstand current	1600 A during 1 s 1800 A during 3 s 690 A during 20 s
[Icm] rated short-circuit making capacity	2.6 kA peak
Control type	Toggle
[Ui] rated insulation voltage	800 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV

Complementary

Product destination	250 A panelboard 400/630 A panelboard
Breaking capacity code	NA
Earth-leakage protection	Without
Mounting support	Backplate
Mechanical durability	50000 cycles
Electrical durability	35000 cycles 440 V In/2 20000 cycles 440 V In
Width (W)	105 mm
Height (H)	161 mm
Depth (D)	86 mm
Net weight	1.8 kg

Environment

Standards	BS EN 60947-3
IP degree of protection	IP40 conforming to EN/IEC 60529
IK degree of protection	IK07 conforming to EN/IEC 62262
Electrical shock protection class	Class II
Pollution degree	3 conforming to EN/IEC 60664-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Contractual warranty

Warranty (in months)	18
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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

EU RoHS Directive

[Compliant](#)

PVC free

Yes

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins