

# Product datasheet

Specifications



## Manual transfer switch, GoPact MTS 100, 4 poles, 100A, 415VAC 50/60Hz, extended rotary handle, open transition

GM10D4N1004BEE

### Main

Range of product	GoPact MTS
Product or component type	Manual transfer switch
Product name	GoPact MTS 100
Device application	Change source of supply
frame size	100
Suitability for isolation	Yes conforming to IEC 60947-3
transfer switch class	PC
poles description	4P
[Ie] rated operational current	AC-21A: 100 A conforming to IEC 60947-3 AC-22A: 100 A conforming to IEC 60947-3 AC-23A: 100 A conforming to IEC 60947-3 AC-31B: 100 A conforming to IEC 60947-6-1 AC-32B: 100 A conforming to IEC 60947-6-1
[Ith] conventional free air thermal current	100 A at 40 °C
[Ithe] conventional enclosed thermal current	100 A (40 °C)
Rated operational power in W	50 kW AC-23A conforming to IEC 60947-3
[Ue] rated operational voltage	415 V AC 50/60 Hz
Breaking capacity	800 A AC-23A
Rated making capacity	1000 A AC-23A
Control type	Extended rotary handle
Operating mode	Manual
Contact position indicator	Yes
mechanical interlocking	With mechanical interlocking
Locking options description	Padlocking in OFF position 1 to 3 padlocks

### Complementary

[Ui] rated insulation voltage	1000 V AC
[Uimp] rated impulse withstand voltage	8 kV
[Icm] rated short-circuit making capacity	7.7 kA peak
[Icw] rated short-time withstand current	5 kA during 1 s conforming to IEC 60947-4-3 10 kA during 0.2 s conforming to IEC 60947-4-3 5 kA during 0.1 s conforming to IEC 60947-6-1
Number of contact position	3

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

mounting mode	Fixed
mounting support	Backplate DIN rail
Connections - terminals	1 cable with lug wire size 35 mm <sup>2</sup>
Tightening torque	4.5 N.m
Mechanical durability	20000 cycles
Electrical durability	1500 cycles 415 V
Width	175 mm
Height	132.5 mm
Depth	Without handle : 75.6 mm With handle : 164 mm
Net weight	2.5 kg
Standards	IEC 60947-3 IEC 60947-6-1
Product certifications	IECEE CB Scheme

## Environment

Electrical shock protection class	Class II
IP degree of protection	IP54 front face conforming to IEC 60529
Pollution degree	3 conforming to IEC 60664-1
Ambient air temperature for operation	-5...55 °C
Temperature derating table	40 °C ( 100 A ) 45 °C ( 100 A ) 50 °C ( 100 A ) 55 °C ( 95 A )
Ambient air temperature for storage	-25...85 °C
Operating altitude	2000 m 100 % of In 3000 m 96 % of In 4000 m 93 % of In 5000 m 89 % of In

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	19.5 cm
Package 1 Width	17.5 cm
Package 1 Length	24 cm
Package 1 Weight	2.3 kg
Unit Type of Package 2	S06
Number of Units in Package 2	16
Package 2 Height	73.5 cm
Package 2 Width	60 cm
Package 2 Length	80 cm
Package 2 Weight	46 kg

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

## Well-being performance

Mercury Free

Rohs Exemption Information Yes

Pvc Free

## Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure [Product Environmental Profile](#)

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

Circularity Profile [End of Life Information](#)