

# Product datasheet

Specifications



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

GM10D4N1004BDE

### 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	Direct rotary handle
Operating mode	Manual
Contact position indicator	Yes
Mechanical interlocking	With mechanical interlocking
Locking options description	Padlocking in OFF position 1 padlock

### 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

<b>[Icw] rated short-time withstand current</b>	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
<b>Number of contact position</b>	3
<b>Mounting mode</b>	Fixed
<b>Mounting support</b>	Backplate DIN rail
<b>Connections - terminals</b>	1 cable with lug wire size 35 mm <sup>2</sup>
<b>Tightening torque</b>	4.5 N.m
<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	1500 cycles 415 V
<b>Width</b>	175 mm
<b>Height</b>	132.5 mm
<b>Depth</b>	68.1 mm without handle:
<b>Product weight</b>	2.5 kg
<b>Standards</b>	IEC 60947-3 IEC 60947-6-1
<b>Product certifications</b>	IECEE CB Scheme

## Environment

<b>Electrical shock protection class</b>	Class II
<b>IP degree of protection</b>	IP20 front face conforming to IEC 60529
<b>Pollution degree</b>	3 conforming to IEC 60664-1
<b>Ambient air temperature for operation</b>	-5...55 °C
<b>Temperature derating table</b>	40 °C ( 100 A ) 45 °C ( 100 A ) 50 °C ( 100 A ) 55 °C ( 95 A )
<b>Ambient air temperature for storage</b>	-25...85 °C
<b>Operating altitude</b>	2000 m 100 % of In 3000 m 96 % of In 4000 m 93 % of In 5000 m 89 % of In

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	13.5 cm
<b>Package 1 Width</b>	17.5 cm
<b>Package 1 Length</b>	24 cm
<b>Package 1 Weight</b>	2.3 kg
<b>Unit Type of Package 2</b>	S06
<b>Number of Units in Package 2</b>	24
<b>Package 2 Height</b>	73.5 cm
<b>Package 2 Width</b>	60 cm
<b>Package 2 Length</b>	80 cm
<b>Package 2 Weight</b>	59.6 kg

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
<b>RoHS exemption information</b>	Yes
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>Circularity Profile</b>	<a href="#">End of Life Information</a>
<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
<b>PVC free</b>	Yes

### Recommended replacement(s)