Product datasheet

Specifications

Manual transfer switch, GoPact MTS 100, 4 poles, 63A, 415VAC 50/60Hz, extended rotary handle, open transition

GM10D4N0634BEE

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: 63 A conforming to IEC 60947-3 AC-22A: 63 A conforming to IEC 60947-3 AC-23A: 63 A conforming to IEC 60947-3 AC-31B: 63 A conforming to IEC 60947-6-1 AC-32B: 63 A conforming to IEC 60947-6-1
[Ith] conventional free air thermal current	63 A at 40 °C
[Ithe] conventional enclosed thermal current	63 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	504 A AC-23A
Rated making capacity	630 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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

[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
Mounting mode	Fixed
Mounting support	Backplate DIN rail
Connections - terminals	1 cable with lug wire size 25 mm²
Tightening torque	4.5 N.m
Mechanical durability	20000 cycles
Electrical durability	1500 cycles 415 V
Width	175 mm
Height	132.5 mm
Depth	75.6 mm without handle: 164 mm with handle:
Product 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 (63 A) 45 °C (63 A) 50 °C (63 A) 55 °C (63 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

Offer Sustainability

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

Recommended replacement(s)