

Product data sheet

Specifications



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

GM10D4N0634BDE

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	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
[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

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

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	Without handle : 68.1 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	IP20 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	13.500 cm
Package 1 Width	17.500 cm
Package 1 Length	24.000 cm
Package 1 Weight	2.300 kg

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 >](#)

 Environmental footprint	
Total lifecycle Carbon footprint	59 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	13 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.3 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	41 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	5 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better

 Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	1abc091b-3f3d-413b-9610-cdd300c3da5a
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
Halogen-free status	Halogen free plastic parts product
PVC free	Yes
Silicone-free	No

Use Again

 Repack and remanufacture	
Recyclability potential, in %	53
End of life manual availability	End of Life Information
Take-back	No