

# Product datasheet

Specifications



Manual transfer switch, GoPact MTS 200, 4 poles, 160A, 415VAC 50/60Hz, extended rotary handle, open transition

GM20D4N1604BEE

## Main

Range of product	GoPact MTS
Product or component type	Manual transfer switch
Product name	GoPact MTS 200
Device application	Change source of supply
frame size	200
Suitability for isolation	Yes conforming to IEC 60947-3
transfer switch class	PC
poles description	4P
[Ie] rated operational current	AC-21A: 160 A conforming to IEC 60947-3 AC-22A: 160 A conforming to IEC 60947-3 AC-23A: 160 A conforming to IEC 60947-3 AC-31B: 160 A conforming to IEC 60947-6-1 AC-32B: 160 A conforming to IEC 60947-6-1
[Ith] conventional free air thermal current	160 A at 40 °C
[Ithe] conventional enclosed thermal current	160 A (40 °C)
Rated operational power in W	85 kW AC-23A conforming to IEC 60947-3
[Ue] rated operational voltage	415 V AC 50/60 Hz
Breaking capacity	1280 A AC-23A
Rated making capacity	1600 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	12 kV
[Icm] rated short-circuit making capacity	14 kA peak
[Icw] rated short-time withstand current	8 kA during 1 s conforming to IEC 60947-4-3 18 kA during 0.2 s conforming to IEC 60947-4-3 10 kA during 0.1 s conforming to IEC 60947-6-1
Number of contact position	3

mounting mode	Fixed
mounting support	Backplate
Connections - terminals	1 cable with lug wire size 95 mm <sup>2</sup>
Tightening torque	10 N.m
Mechanical durability	16000 cycles
Electrical durability	1000 cycles 415 V
Width	210 mm
Height	211 mm
Depth	Without handle : 154 mm With handle : 267 mm
Net weight	4 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 ( 160 A ) 45 °C ( 160 A ) 50 °C ( 160 A ) 55 °C ( 160 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	33.3 cm
Package 1 Width	22.6 cm
Package 1 Length	26 cm
Package 1 Weight	6.7 kg
Unit Type of Package 2	P06
Number of Units in Package 2	6
Package 2 Height	88.4 cm
Package 2 Width	60 cm
Package 2 Length	80 cm
Package 2 Weight	267.6 kg

## Sustainability

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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](#)