

Product datasheet

Specifications



TeSys GS - switch-disconnector fuse - 3 P - 250 A - DIN 1

GS1ND3

Price: 16,049.43 ZAR

⚠ To be discontinued

Main

Range	TeSys
Product Name	TeSys GS
Device Short Name	GS1 N
Product Or Component Type	Switch-disconnector-fuse
Device Application	Protection
Poles Description	3P
Protected Poles Description	3t
Contacts Type And Composition	3 NO
[Ith] Conventional Free Air Thermal Current	250 A (at 40 °C)
[Ie] Rated Operational Current	200 A at 440 V 2 poles in series per phase DC-23A 200 A at 440 V 2 poles in series per phase DC-23B 250 A at 690 V with terminal cover AC-23A 250 A at 690 V with terminal cover AC-23B 250 A at 400 V AC-23A 250 A at 400 V AC-23B 250 A at 500 V AC-23A 250 A at 500 V AC-23B
Fuse Type	DIN
Fuse Size	1
Network Type	AC DC
Network Frequency	50/60 Hz

Complementary

Type Of Operating Handle	Direct right side
Mounting Support	Plate
[Ui] Rated Insulation Voltage	750 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	8 kV
Rated Operational Power In W	132 kW at 400 V 160 kW at 500 V 220 kW at 690 V
Breaking Capacity	23 W
Making Capacity	2500 A at 400 V AC-23B
Breaking Capacity	2000 A at 400 V (AC-23B)
Short-Circuit Withstand	32.5 kA

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

Mechanical Durability	10000 cycles
Electrical Durability	1000 cycles AC-23A 1000 cycles AC-23B 200 cycles DC-23A 200 cycles DC-23B
Connections - Terminals	Power circuit: bars Power circuit: lugs-ring terminals95...240 mm² flexible
[Icm] Rated Short-Circuit Making Capacity	100 kA at 400 V with protection by gG fuses
Tightening Torque	Power circuit: 25 N.m - on bars Power circuit: 25 N.m - on lugs-ring terminals

Environment

Standards	IEC 60947-3
Product Certifications	CE
Protective Treatment	TH
Ip Degree Of Protection	IP20 conforming to IEC 60529 (with terminal cover)
Ambient Air Temperature For Operation	-20...70 °C
Ambient Air Temperature For Storage	-40...80 °C
Fire Resistance	850 °C fuse cover conforming to IEC 60695-2-1 960 °C body conforming to IEC 60695-2-1
Height	195 mm
Width	253 mm
Depth	146 mm
Net Weight	3.2 kg

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	20.0 cm
Package 1 Width	21.5 cm
Package 1 Length	34.0 cm
Package 1 Weight	3.566 kg
Unit Type Of Package 2	S06
Number Of Units In Package 2	10
Package 2 Height	75.0 cm
Package 2 Width	60.0 cm
Package 2 Length	80.0 cm
Package 2 Weight	48.66 kg

Contractual warranty

Warranty	18 months
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Sustainability

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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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Transparency RoHS/REACH

Well-being performance

✓	Reach Free Of Svhc	
✓	Toxic Heavy Metal Free	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information