

Price\* : 294.89 GBP



## Main

Range	TeSys
Product name	TeSys GS
Device short name	GS1 J
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	100 A at 40 °C
[Ie] rated operational current	100 A at 400 V on AC-23A 100 A at 400 V on AC-23B 100 A at 440 V 2 poles in series per phase on DC-23A 100 A at 440 V 2 poles in series per phase on DC-23B 100 A at 500 V on AC-23A 100 A at 500 V on AC-23B 100 A at 690 V with terminal cover on AC-23A 100 A at 690 V with terminal cover on AC-23B
Fuse type	NFC
Fuse size	22 x 58 mm
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	55 kW at 400 V 75 kW at 500 V 90 kW at 690 V
Making capacity	1000 A at 400 V on AC-23B

[Icm] rated short-circuit making capacity	100 kA at 400 V with protection by gG fuses
Breaking capacity	800 A at 400 V on AC-23B
Short-circuit withstand	20 kA
Mechanical durability	10000 cycles
Electrical durability	1500 cycles on AC-23A 1500 cycles on AC-23B 300 cycles on DC-23A 300 cycles on DC-23B
Connections - terminals	Power circuit : bars Power circuit : lugs-ring terminals cable 25...95 mm <sup>2</sup> - cable stiffness: flexible
Tightening torque	Power circuit : 12 N.m - on bars Power circuit : 12 N.m - on lugs-ring terminals

## Environment

Standards	IEC 60947-3
Product certifications	CE
Protective treatment	TH
IP degree of protection	IP20 with terminal cover conforming to IEC 60529
Ambient air temperature for operation	-20...70 °C
Ambient air temperature for storage	-40...80 °C
Fire resistance	960 °C body conforming to IEC 60695-2-1 850 °C fuse cover conforming to IEC 60695-2-1
Height	162 mm
Width	150 mm
Depth	116 mm
Product weight	1.5 kg

## Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0701 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>

## Contractual warranty

Warranty period	18 months
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## GS1JD3 is replaced by:



### switch-disconnector fuses GS2J3

TeSys GS - switch-disconnector-fuse - 3 P - 100A - NFC 22 x 58 mm

Qty 1

Reason for Substitution: End of life | Substitution date: 29 April 2009