

Product data sheet

Specifications



Switch disconnecter fuse, TeSys GS, 3P, 3NO, 100A, 9W, fuse type NFC, size 22x58mm

GS1JD3

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
[I _{th}] conventional free air thermal current	100 A (at 40 °C)
[I _e] rated operational current	100 A at 440 V 2 poles in series per phase DC-23A 100 A at 440 V 2 poles in series per phase DC-23B 100 A at 690 V with terminal cover AC-23A 100 A at 690 V with terminal cover AC-23B 100 A at 400 V AC-23A 100 A at 400 V AC-23B 100 A at 500 V AC-23A 100 A at 500 V 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
[U _i] rated insulation voltage	750 V AC 50/60 Hz
[U _{imp}] 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
Breaking capacity	9 W
Making capacity	1000 A at 400 V AC-23B 800 A at 400 V (AC-23B)

Short-circuit withstand	20 kA
Mechanical durability	10000 cycles
Electrical durability	1500 cycles AC-23A 1500 cycles AC-23B 300 cycles DC-23A 300 cycles DC-23B
Connections - terminals	Power circuit: bars Power circuit: lugs-ring terminals25...95 mm ² flexible
[Icm] rated short-circuit making capacity	100 kA at 400 V with protection by gG fuses
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 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	162 mm
Width	150 mm
Depth	116 mm
Net weight	1.5 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	18.5 cm
Package 1 Width	21.0 cm
Package 1 Length	22.5 cm
Package 1 Weight	1.737 kg
Unit Type of Package 2	S06
Number of Units in Package 2	27
Package 2 Height	75.0 cm
Package 2 Width	60.0 cm
Package 2 Length	80.0 cm
Package 2 Weight	59.899 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration

Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
California proposition 65	WARNING: This product can expose you to chemicals including: Styrene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

Contractual warranty

Warranty	18 months
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Recommended replacement(s)