

GS2JG3

Switch disconnecter fuse, TeSys GS, 3P,
100A, fuse type NFC, size 22x58 mm



Main

Range	TeSys
Product name	TeSys GS
Device short name	GS2J
Product or component type	Switch-disconnector-fuse
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 poles not juxtaposed AC-23A 100 A at 690 V poles not juxtaposed 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	DC AC
Network frequency	50/60 Hz

Complementary

Type of operating handle	External left 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	51 KW at 400 V 63 KW at 500 V 90 kW at 690 V
Making capacity	1000 A at 400 V AC-23B
Breaking capacity	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 AC-23A 300 cycles AC-23B
Connections - terminals	Power circuit: bars20 mm ² Power circuit: lugs-ring terminals25...95 mm ²
[I _{cm}] rated short-circuit making capacity	80 kA at 400 V with protection by gG fuses
Tightening torque	Power circuit: 12 N.m

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Environment

Standards	IEC 60947-3
Product certifications	CE
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	148 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	20.5 cm
Package 1 Width	21.0 cm
Package 1 Length	23.0 cm
Package 1 Weight	1.847 kg
Unit Type of Package 2	S04
Number of Units in Package 2	6
Package 2 Height	30.0 cm
Package 2 Width	40.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	11.778 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

Contractual warranty

Warranty	18 months
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