

Product datasheet

Specifications



TeSys GS - switch-disconnector-fuse - 3 P - 100A - BS A4

Local distributor code: 393397640 GS2JB3

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
[Ith] conventional free air thermal current	100 A (at 40 °C)
[Ie] 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	BS
Fuse size	A4
Network type	DC AC
Network frequency	50/60 Hz

Complementary

Type of operating handle	External frontal External 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	51 kW at 400 V 63 kW at 500 V 90 kW at 690 V
Making capacity	1000 A at 400 V AC-23B
[Icm] rated short-circuit making capacity	80 kA at 400 V with protection by gG fuses
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 mm² Power circuit: lugs-ring terminals25...95 mm²
Tightening torque	Power circuit: 12 N.m

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 Weight	1.855 kg
Package 1 Height	15.5 cm
Package 1 width	17 cm
Package 1 Length	21 cm
Unit Type of Package 2	S04
Number of Units in Package 2	6
Package 2 Weight	11.991 kg
Package 2 Height	30 cm
Package 2 width	40 cm
Package 2 Length	60 cm

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
RoHS exemption information	Yes

China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
Contractual warranty	
Warranty	18 months