

Product datasheet

Specifications



TeSys GS - switch-disconnector-fuse - 3 P - 32A - BS A1

Local distributor code: 393397462 GS2DB3

Main

Range	TeSys
Product name	TeSys GS
Device short name	GS2D
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	32 A (at 40 °C)
[Ie] rated operational current	20 A at 440 V 2 poles in series per phase DC-23A 20 A at 440 V 2 poles in series per phase DC-23B 32 A at 400 V AC-23A 32 A at 400 V AC-23B 32 A at 500 V AC-23A 32 A at 500 V AC-23B 32 A at 690 V AC-23A 32 A at 690 V AC-23B
Fuse type	BS
Fuse size	A1
Network type	AC DC
Network frequency	50/60 Hz

Complementary

Type of operating handle	External right side External frontal
Mounting support	Plate Rail
[Ui] rated insulation voltage	750 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
Rated operational power in W	15 kW at 400 V 18.5 kW at 500 V 25 kW at 690 V
Making capacity	320 A at 400 V AC-23B
[Icm] rated short-circuit making capacity	80 kA at 400 V with protection by gG fuses

Breaking capacity	256 A at 400 V (AC-23B)
Short-circuit withstand	9 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: screw-clamp terminals6...25 mm²
Tightening torque	Power circuit: 3.2 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	960 °C body conforming to IEC 60695-2-1
Height	118 mm
Width	121 mm
Depth	87 mm
Net weight	0.8 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.012 kg
Package 1 Height	10.8 cm
Package 1 width	13 cm
Package 1 Length	17.4 cm
Unit Type of Package 2	S03
Number of Units in Package 2	10
Package 2 Weight	10.774 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 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
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
Contractual warranty	
Warranty	18 months