

Product datasheet

Specifications



TeSys GS - switch-disconnector-fuse - 3 P - 160A - BS A4

Local distributor code: 393397857 GS2LLB3

Main

Range	TeSys
Product name	TeSys GS
Device short name	GS2L
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	160 A (at 40 °C)
[Ie] rated operational current	125 A at 440 V 2 poles in series per phase DC-23A 125 A at 440 V 2 poles in series per phase DC-23B 125 A at 690 V AC-23A 125 A at 690 V AC-23B 160 A at 400 V AC-23A 160 A at 400 V AC-23B 160 A at 500 V AC-23A 160 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 right side External frontal
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	80 kW at 400 V 110 kW at 500 V 110 kW at 690 V
Making capacity	1600 A at 400 V AC-23B
[Icm] rated short-circuit making capacity	80 kA at 400 V with protection by gG fuses
Breaking capacity	1280 A at 400 V (AC-23B)

Short-circuit withstand	22.7 kA
Mechanical durability	10000 cycles
Electrical durability	1000 cycles AC-23A 1000 cycles AC-23B 200 cycles DC-23A 200 cycles DC-23B
Connections - terminals	Power circuit: bars20 mm² Power circuit: lugs-ring terminals50...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	190 mm
Depth	136.5 mm
Net weight	1.8 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	2.342 kg
Package 1 Height	16.8 cm
Package 1 width	26.2 cm
Package 1 Length	16.6 cm
Unit Type of Package 2	S03
Number of Units in Package 2	2
Package 2 Weight	5.128 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 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