



Main

Range	TeSys
Product name	TeSys GS
Device short name	GS1 K
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	125 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 125 A at 400 V AC-23A 125 A at 400 V AC-23B 125 A at 500 V AC-23A 125 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	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	90 kW at 690 V 63 kW at 400 V 90 kW at 500 V
Making capacity	1250 A at 400 V AC-23B
[I _{cm}] rated short-circuit making capacity	100 kA at 400 V with protection by gG fuses

Breaking capacity	1000 A at 400 V (AC-23B)
Short-circuit withstand	20 kA
Mechanical durability	10000 cycles
Electrical durability	1000 cycles AC-23A 1000 cycles AC-23B
Connections - terminals	Power circuit: bars Power circuit: lugs-ring terminals 35...95 mm² flexible
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

Offer Sustainability

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

Contractual warranty

Warranty	18 months
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GS1KD3 is replaced by:



switch-disconnector fuses GS2K3

TeSys GS - switch-disconnector-fuse - 3 P - 125A - NFC 22 x 58 mm

Qty 1

Reason for Substitution: End of life | Substitution date: 29 April 2009