



❗ Discontinued

Main

Range	TeSys
Product name	TeSys GS
Device short name	GS1 F
Product or component type	Switch-disconnector-fuse
Device application	Protection
Poles description	4P
Protected poles description	4t
Contacts type and composition	4 NO
[Ith] conventional free air thermal current	50 A (at 40 °C)
[Ie] rated operational current	40 A at 440 V 2 poles in series per phase DC-23A 40 A at 440 V 2 poles in series per phase DC-23B 50 A at 400 V AC-23A 50 A at 400 V AC-23B 50 A at 500 V AC-23A 50 A at 500 V AC-23B 50 A at 690 V AC-23A 50 A at 690 V AC-23B
Fuse type	NFC
Fuse size	14 x 51 mm
Network type	AC DC
Network frequency	50/60 Hz

Complementary

Type of operating handle	Direct 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	25 kW at 400 V 33 kW at 500 V 45 kW at 690 V
Making capacity	500 A at 400 V AC-23B
[Icm] rated short-circuit making capacity	100 kA at 400 V with protection by gG fuses

Breaking capacity	400 A at 400 V (AC-23B)
Short-circuit withstand	7.6 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: lugs-ring terminals6...25 mm² flexible
Tightening torque	Power circuit: 3.2 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	118 mm
Width	145 mm
Depth	87 mm
Product weight	1 kg

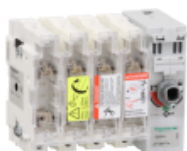
Offer Sustainability

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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GS1FD4 is replaced by:



switch-disconnector fuses GS2F4

TeSys GS - switch-disconnector-fuse - 4 P - 50A - NFC 14 x 51 mm

Qty 1

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