

Product datasheet

Specifications



switch-disconnector fuse body GS1 - TeSys GS - 3 poles - NFC - 50 A

GS1FG3

! Discontinued

Main

Device short name	GS1 F
Fuse type	NFC
Fuse size	14 x 51 mm
Product or component type	Fuse switch disconnector body
Poles description	3P
Network type	AC DC
Type of operating handle	External left side
[Ith] conventional free air thermal current	50 A (at 40 °C)

Complementary

Network frequency	50/60 Hz
Mounting support	Rail Plate
[Ui] rated insulation voltage	750 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[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
Rated operational power in W	at 400 V (AC-23A) at 400 V (AC-23B) at 500 V (AC-23A) at 500 V (AC-23B) at 690 V (AC-23A) at 690 V (AC-23B)
Making capacity	500 A at 400 V AC-23B
[Icm] rated short-circuit making capacity	100 kA at 400 V with protection by gG (gl) fuses 50 kA rating of associated fuses
Breaking capacity	400 A at 400 V (AC-23B)
Mechanical durability	10000 cycles
Electrical durability	1500 cycles AC-23A 1500 cycles AC-23B 300 cycles DC-23A 300 cycles DC-23B

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Connections - terminals	Power circuit: screw terminals 6...25 mm² flexible
Tightening torque	Power circuit: 3200 N.m - on screw terminals
Product weight	0.8 kg

Environment

Standards	IEC 60947-3 IEC 60269-2 IEC 60269-1
Product certifications	LROS (Lloyds register of shipping) LOVAG ASEFA
Protective treatment	TH
IP degree of protection	IP20 conforming to IEC 60529 (with terminal cover)
Fire resistance	850 °C fuse cover conforming to IEC 60695-2-1 960 °C body conforming to IEC 60695-2-1

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Longer

Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins