

Product datasheet

Specifications



switch-disconnector fuse body GS1 - TeSys GS - 3 poles - DIN - 160 A

GS1LG3

! Discontinued

Main

Device short name	GS1 L
Fuse type	DIN
Fuse size	T0
Product or component type	Fuse switch disconnecter body
Poles description	3P
Network type	DC AC
Type of operating handle	External right side External frontal
[Ith] conventional free air thermal current	160 A (at 40 °C)

Complementary

Network frequency	50/60 Hz
Mounting support	Plate Rail
[Ui] rated insulation voltage	750 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[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 with terminal cover AC-23A 125 A at 690 V with terminal cover 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
Rated operational power in W	at 500 V (AC-23A) at 500 V (AC-23B) at 690 V (AC-23A) at 690 V (AC-23B) at 400 V (AC-23A) at 400 V (AC-23B)
Making capacity	1600 A at 400 V AC-23B
[Icm] rated short-circuit making capacity	100 kA at 400 V with protection by gG (gl) fuses 160 kA rating of associated fuses
Breaking capacity	1280 A at 400 V (AC-23B)
Mechanical durability	10000 cycles
Electrical durability	1000 cycles AC-23A 1000 cycles AC-23B 200 cycles DC-23A 200 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: bars
	Power circuit: screw terminals50...95 mm² flexible
Tightening torque	Power circuit: 12 N.m - on bars
	Power circuit: 12 N.m - on screw terminals
Net weight	1.8 kg

Environment

Standards	IEC 60947-3
	IEC 60269-1
	IEC 60269-2
Product certifications	LOVAG
	LROS (Lloyds register of shipping)
	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 Better



Materials and Substances

EU RoHS Directive

[Compliant](#)

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