Product datasheet

Specifications

Discontinued

switch-disconnector fuse body GS1 - TeSys GS - 3 poles - DIN - 250 A

GS1NG3

Main

Device short name	GS1 N
Fuse type	DIN
Fuse size	T1
Product or component type	Fuse switch disconnector body
Poles description	3P
Network type	DC AC
Type of operating handle	External left side
[Ith] conventional free air thermal current	250 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	200 A at 440 V 2 poles in series per phase DC-23A 200 A at 440 V 2 poles in series per phase DC-23B 250 A at 400 V AC-23A 250 A at 400 V AC-23B 250 A at 500 V AC-23A 250 A at 500 V AC-23B 250 A at 690 V with terminal cover AC-23A 250 A at 690 V with terminal cover 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	2500 A at 400 V AC-23B
[Icm] rated short-circuit making capacity	100 kA at 400 V with protection by gG (gI) fuses 250 kA rating of associated fuses
Breaking capacity	2000 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

Connections - terminals	Power circuit: bars Power circuit: screw terminals 95…240 mm² flexible
Tightening torque	Power circuit: 25 N.m - on bars Power circuit: 25 N.m - on screw terminals
Product weight	3.2 kg

Environment

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

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