Product datasheet

Specifications

switch-disconnector fuse body GS1 - TeSys GS - 4 poles - DIN - 630 A

GS1SD4

Discontinued

Main

Device short name	GS1S
Fuse type	DIN
Fuse size	T3
Product or component type	Fuse switch disconnector body
Poles description	4P
Network type	DC AC
Type of operating handle	Right side
[Ith] conventional free air thermal current	630 A (at 40 °C)

Complementary

Network frequency	50/60 Hz
Mounting support	Plate Rail
[Ui] rated insulation voltage	1000 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	12 kV
[Ie] rated operational current	315 A at 690 V AC-23A 315 A at 690 V AC-23B 400 A at 440 V poles not juxtaposed DC-23A 400 A at 440 V poles not juxtaposed DC-23B 400 A at 690 V AC-23A 400 A at 690 V AC-23B 500 A at 500 V AC-23A 500 A at 500 V AC-23B 630 A at 400 V AC-23A 630 A at 400 V AC-23B 630 A at 440 V poles not juxtaposed DC-23A 630 A at 440 V poles not juxtaposed DC-23B
Rated operational power in W	at 690 V (AC-23A) at 690 V (AC-23B) at 400 V (AC-23A) at 400 V (AC-23B) at 500 V (AC-23A) at 500 V (AC-23B)
Making capacity	6300 A at 400 V AC-23B
[Icm] rated short-circuit making capacity	100 kA at 400 V with protection by gG (gI) fuses 630 kA rating of associated fuses
Breaking capacity	5040 A at 400 V (AC-23B)
Mechanical durability	8000 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 2 cable(s) 150 mm² flexible Power circuit: screw terminals 2 cable(s) 300 mm² flexible
Tightening torque	Power circuit: 44 N.m - on bars Power circuit: 44 N.m - on screw terminals
Net weight	20 kg

Environment

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