Product datasheet

Specifications

switch-disconnector fuse body GS1 - TeSys GS - 3 poles - NFC - 125 A

GS1K3

EAN Code: 3389110559170

Discontinued

Main

Device short name	GS1 K
Fuse type	NFC
Fuse size	22 x 58 mm
Product or component type	Fuse switch disconnector body
Poles description	3P
Network type	DC AC
Type of operating handle	External frontal External right side
[Ith] conventional free air thermal current	125 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	100 A at 440 V 2 poles in series per phase DC-23A 100 A at 440 V 2 poles in series per phase DC-23B 100 A at 690 V with terminal cover AC-23A 100 A at 690 V with terminal cover AC-23B 125 A at 400 V AC-23A 125 A at 400 V AC-23B 125 A at 500 V AC-23A 125 A at 500 V AC-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	1250 A at 400 V AC-23B
[Icm] rated short-circuit making capacity	100 kA at 400 V with protection by gG (gI) fuses 125 kA rating of associated fuses
Breaking capacity	1000 A at 400 V (AC-23B)
Mechanical durability	10000 cycles
Electrical durability	1000 cycles AC-23A 1000 cycles AC-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 terminals35…95 mm² flexible
Tightening torque	Power circuit: 12 N.m - on bars Power circuit: 12 N.m - on screw terminals
Product weight	1.5 kg

Environment

Standards	IEC 60947-3 IEC 60269-1 IEC 60269-2
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	18 months

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	**Pro-active compliance (Product out of EU RoHS legal scope)**