Product data sheet
Characteristics

GS2KK4
TeSys GS - switch-disconnector-fuse - 4 P - 125A - DIN 00

Main

Range	TeSys
Product name	TeSys GS
Device short name	GS2K
Product or component type	Switch-disconnector-fuse
Poles description	4P
Protected poles description	4t
Contacts type and composition	4 NO
[Ith] conventional free air thermal current	125 A (at 40 °C)
[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 AC-23A 100 A at 690 V 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
Fuse type	DIN
Fuse size	00
Network type	DC AC
Network frequency	50/60 Hz

Complementary

Type of operating handle	External frontal External right side
Mounting support	Plate
[Ui] rated insulation voltage	750 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
Rated operational power in W	63 kW at 400 V 90 kW at 500 V 80 kW at 690 V
Making capacity	1000 A at 400 V AC-23B
[Icm] rated short-circuit making capacity	100 kA at 400 V with protection by gG fuses

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

Breaking capacity	10000 A at 400 V (AC-23B)
Short-circuit withstand	20 kA
Mechanical durability	10000 cycles
Electrical durability	1000 cycles AC-23A 1000 cycles DC-23A 200 cycles AC-23B 200 cycles DC-23B
Connections - terminals	Power circuit: bars20 mm² Power circuit: lugs-ring terminals35…95 mm²
Tightening torque	Power circuit: 12 N.m

Environment

Standards	IEC 60947-3
Product certifications	CE
IP degree of protection	IP20 conforming to IEC 60529 (with terminal cover)
Ambient air temperature for operation	-20…70 °C
Ambient air temperature for storage	-40…80 °C
Fire resistance	850 °C fuse cover conforming to IEC 60695-2-1 960 °C body conforming to IEC 60695-2-1
Height	162 mm
Width	184 mm
Depth	126.5 mm
Net weight	2 kg

Offer Sustainability

REACh free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration

Contractual warranty

Warranty	18 months