Product data sheet
Characteristics

GS2F4
TeSys GS - switch-disconnector-fuse - 4 P - 50A - NFC 14 x 51 mm



Main

Range	TeSys
Product name	TeSys GS
Device short name	GS2F
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	50 A (at 40 °C)
[Ie] rated operational current	40 A at 440 V 2 poles in series per phase DC-23A 40 A at 440 V 2 poles in series per phase DC-23B 50 A at 400 V AC-23A 50 A at 400 V AC-23B 50 A at 500 V AC-23A 50 A at 500 V AC-23B 50 A at 690 V AC-23A 50 A at 690 V AC-23B
Fuse type	NFC
Fuse size	14 x 51 mm
Network type	AC DC
Network frequency	50/60 Hz

Complementary

Type of operating handle	External right side External frontal
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	25 KW at 400 V 45 KW at 690 V 33 kW at 500 V
Making capacity	500 A at 400 V AC-23B
Breaking capacity	400 A at 400 V (AC-23B)
Short-circuit withstand	10.6 kA
Mechanical durability	10000 cycles
Electrical durability	1500 Cycles AC-23A 1500 Cycles DC-23A 300 Cycles AC-23B 300 cycles DC-23B
Connections - terminals	Power circuit: lugs-ring terminals6…25 mm²
[Icm] rated short-circuit making capacity	100 kA at 400 V with protection by gG fuses
Tightening torque	Power circuit: 3.2 N.m

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
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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	118 mm
Width	148 mm
Depth	87 mm
Net weight	1 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	12.5 cm
Package 1 Width	10.7 cm
Package 1 Length	17.8 cm
Package 1 Weight	1.272 kg
Unit Type of Package 2	S03
Number of Units in Package 2	10
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	13.29 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

Contractual warranty

Warranty	18 months