

Main

Range of product	TeSys GS
Device short name	GS2F
Fuse type	NFC
Fuse size	14 x 51 mm
Product or component type	Fuse switch disconnector body
Poles description	3P
Network type	AC DC
Type of operating handle	External left side
[I _{th}] conventional free air thermal current	50 A at 40 °C

Complementary

Network frequency	50/60 Hz
Mounting support	Plate Rail
[U _i] rated insulation voltage	750 V AC 50/60 Hz
[U _{imp}] rated impulse withstand voltage	8 kV
Short-circuit withstand	10.6 kA
[I _e] rated operational current	50 A at 690 V AC-23B 50 A at 690 V AC-23A 50 A at 500 V AC-23B 50 A at 500 V AC-23A 50 A at 400 V AC-23B 50 A at 400 V AC-23A 40 A at 440 V 2 poles in series per phase DC-23B 40 A at 440 V 2 poles in series per phase DC-23A
Rated operational power in W	45 kW at 690 V AC-23B 45 kW at 690 V AC-23A 33 kW at 500 V AC-23B 33 kW at 500 V AC-23A 25 kW at 400 V AC-23B 25 kW at 400 V AC-23A
Making capacity	500 A at 400 V (AC-23B)
[I _{cm}] rated short-circuit making capacity	50 kA rating of associated fuses 100 kA at 400 V with protection by gG fuses
Breaking capacity	400 kA at 400 V AC-23B
Mechanical durability	10000 cycles
Electrical durability	300 cycles on DC-23B 300 cycles on AC-23B 1500 cycles on DC-23A 1500 cycles on AC-23A
Connections - terminals	Power circuit: cable cable 6...25 mm ²
Tightening torque	Power circuit: 3.2 N.m
Height	121 mm
Width	118 mm
Depth	87 mm
Product weight	0.8 kg

Environment

Standards	IEC 60269-1 IEC 60269-2 IEC 60947-3
Product certifications	ASEFA LOVAG LROS (Lloyds register of shipping)
IP degree of protection	IP20 with terminal cover conforming to IEC 60529
Ambient air temperature for operation	-20...70 °C
Ambient air temperature for operation	-40...80 °C storage -20...70 °C operation
Fire resistance	960 °C body conforming to IEC 60695-2-1 850 °C fuse cover conforming to IEC 60695-2-1

Contractual warranty

Period	18 months
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