

GS2VG3

Switch disconnecter fuse, TeSys GS, 3P, 1250A, fuse type DIN, size 4

Main

Range	TeSys
Product name	TeSys GS
Device short name	GS2V
Product or component type	Switch-disconnector-fuse
Poles description	3P
Protected poles description	3t
Contacts type and composition	3 NO
[I _{th}] conventional free air thermal current	1250 A (at 40 °C)
[I _e] rated operational current	1000 A at 440 V 2 poles in series per phase DC-23A 1000 A at 440 V 2 poles in series per phase DC-23B 630 A at 690 V AC-23A 630 A at 690 V AC-23B 1000 A at 440 V AC-23A 1000 A at 440 V AC-23B 800 A at 500 V AC-23A 800 A at 500 V AC-23B
Fuse type	DIN
Fuse size	4
Network type	AC DC
Network frequency	50/60 Hz

Complementary





Type of operating handle	External left side
Mounting support	Plate
[U _i] rated insulation voltage	1000 V AC 50/60 Hz
[U _{imp}] rated impulse withstand voltage	12 kV
Rated operational power in W	400 KW at 690 V 475 KW at 690 V 560 KW at 400 V 560 kW at 500 V
Breaking capacity	110 W
Making capacity	10000 A at 400 V AC-23B
Breaking capacity	8000 A at 400 V (AC-23B)
Short-circuit withstand	90 kA
Mechanical durability	5000 cycles
Electrical durability	100 Cycles DC-23A 100 Cycles DC-23B 500 Cycles AC-23A 500 cycles AC-23B
Connections - terminals	Power circuit: bars80 mm ² Power circuit: lugs-ring terminals 4 cable(s) 185 mm ²
[I _{cm}] rated short-circuit making capacity	80 kA at 400 V with protection by gG fuses
Tightening torque	Power circuit: 44 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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	355 mm
Width	442 mm
Depth	289 mm
Net weight	25 kg

Offer Sustainability

REACH Regulation	 REACH Declaration
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