

Product datasheet

Specifications



TeSys GS - switch-disconnector-fuse - 3 P - 800A - BS C3

GS2TB3

Main

Range	TeSys
Product name	TeSys GS
Device short name	GS2T
Product or component type	Switch-disconnector-fuse
Poles description	3P
Protected poles description	3t
Contacts type and composition	3 NO
[Ith] conventional free air thermal current	800 A (at 40 °C)
[Ie] rated operational current	800 A at 440 V 2 poles in series per phase DC-23A 800 A at 440 V 2 poles in series per phase DC-23B 630 A at 500 V AC-23A 630 A at 500 V AC-23B 630 A at 690 V AC-23A 630 A at 690 V AC-23B 800 A at 400 V AC-23A 800 A at 400 V AC-23B
Fuse type	BS
Fuse size	C3
Network type	DC AC
Network frequency	50/60 Hz

Complementary

Type of operating handle	External frontal Direct frontal External right side
Mounting support	Plate
[Ui] rated insulation voltage	1000 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	12 kV
Rated operational power in W	400 kW at 690 V 450 kW at 400 V 450 kW at 500 V
Breaking capacity	70 W
Making capacity	8000 A at 400 V AC-23B
Breaking capacity	6400 A at 400 V (AC-23B)

Short-circuit withstand	80 kA
Mechanical durability	8000 cycles
Electrical durability	1000 cycles AC-23A 1000 cycles AC-23B 200 cycles DC-23A 200 cycles DC-23B
Connections - terminals	Power circuit: bars63 mm ² Power circuit: lugs-ring terminals 2 cable(s) 300 mm ² Power circuit: lugs-ring terminals 2 cable(s) 185 mm ²
[Icm] rated short-circuit making capacity	80 kA at 400 V with protection by gG fuses
Tightening torque	Power circuit: 44 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	300 mm
Width	364 mm
Depth	250 mm
Product weight	17 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	44.7 cm
Package 1 Width	41.7 cm
Package 1 Length	52.9 cm
Package 1 Weight	17.0 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
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty 18 months

Recommended replacement(s)