



Main

Range	TeSys
Product name	TeSys GS
Device short name	GS2G
Product or component type	Switch-disconnector-fuse
Poles description	4P
Protected poles description	4t
Contacts type and composition	4 NO
[I _{th}] conventional free air thermal current	63 A at 40 °C
[I _e] rated operational current	40 A at 440 V 2 poles in series per phase on DC-23A 40 A at 440 V 2 poles in series per phase on DC-23B 63 A at 400 V on AC-23A 63 A at 400 V on AC-23B 63 A at 500 V on AC-23A 63 A at 500 V on AC-23B 63 A at 690 V on AC-23A 63 A at 690 V on AC-23B
Fuse type	BS
Fuse size	A3 A2
Network type	DC AC
Network frequency	50/60 Hz

Complementary

Type of operating handle	External right side External frontal
Mounting support	Plate
[U _i] rated insulation voltage	750 V AC
[U _{imp}] rated impulse withstand voltage	8 kV
Rated operational power in W	55 kW at 690 V

	30 kW at 400 V 40 kW at 500 V
Making capacity	630 A at 400 V on AC-23B
[Icm] rated short-circuit making capacity	100 kA at 400 V with protection by gG fuses
Breaking capacity	500 A at 400 V on AC-23B
Short-circuit withstand	10.6 kA
Mechanical durability	10000 cycles
Electrical durability	On DC-23A On DC-23B On AC-23A On AC-23B
Connections - terminals	Power circuit : lugs-ring terminals cable 10...25 mm ²
Tightening torque	Power circuit : 3.2 N.m

Environment

Standards	IEC 60947-3
Product certifications	CE
IP degree of protection	IP20 with terminal cover conforming to IEC 60529
Ambient air temperature for operation	-20...70 °C
Ambient air temperature for storage	-40...80 °C
Fire resistance	960 °C body conforming to IEC 60695-2-1 850 °C fuse cover conforming to IEC 60695-2-1
Height	168 mm
Width	118 mm
Depth	116.5 mm
Product weight	1.3 kg

Contractual warranty

Warranty period	18 months
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