Product data sheet
Characteristics

GS2QQG3
Switch disconnector fuse, TeSys GS, 3P, 400A, fuse type DIN, size 2



Main

Range	TeSys
Product name	TeSys GS
Device short name	GS2Q
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	400 A (at 40 °C)
[Ie] rated operational current	200 A at 440 V 2 poles in series per phase DC-23A 315 A at 440 V 2 poles in series per phase DC-23B 250 A at 690 V AC-23A 315 A at 500 V AC-23A 315 A at 500 V AC-23B 400 A at 400 V AC-23A 400 A at 400 V AC-23B
Fuse type	DIN
Fuse size	2
Network type	DC AC
Network frequency	50/60 Hz

Complementary

Type of operating handle	External left side
Mounting support	Plate
[Ui] rated insulation voltage	800 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 KV
Rated operational power in W	220 KW at 690 V 220 KW at 500 V 220 KW at 400 V 95 KW at 690 V
Making capacity	4000 A at 400 V AC-23B
Breaking capacity	3200 A at 400 V (AC-23B)
Short-circuit withstand	40 KA
Mechanical durability	10000 Cycles
Electrical durability	1000 Cycles AC-23A 1000 Cycles AC-23B 200 Cycles DC-23A 200 Cycles DC-23B
Connections - terminals	Power circuit: bars 45 mm² Power circuit: lugs-ring terminals 185…240 mm²

[Icm] rated short-circuit making capacity	50 KA at 400 V with protection by gG fuses
Tightening torque	Power circuit: 25 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	205 Mm
Width	252 Mm
Depth	149 Mm
Net weight	4.8 Kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	22.000 Cm
Package 1 Width	22.000 Cm
Package 1 Length	36.000 Cm
Package 1 Weight	5.050 Kg
Unit Type of Package 2	S04
Number of Units in Package 2	2
Package 2 Height	30.000 Cm
Package 2 Width	40.000 Cm
Package 2 Length	60.000 Cm
Package 2 Weight	10.870 Kg

Offer Sustainability

Total lifecycle Carbon footprint	1 133 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	21.467611336032387
Carbon footprint of the manufacturing phase [A1 to A3]	21 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	2.6374493927125506
Carbon footprint of the distribution phase [A4]	3 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.1472064777327935
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	1107.9939393939396
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	1 108 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.9629757085020242
Carbon footprint of the end-of-life phase [C1 to C4]	1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	1133
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
California proposition 65	WARNING: This product can expose you to chemicals including: Styrene, which is known to the St
End of life manual availability	End Of Life Information

Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised