

Product data sheet

Specifications



Switch disconnector fuse, TeSys GS, 3P, 3NO, 400A, 33W, fuse type DIN, size 2

GS1QQD3

Main

Range	TeSys
Product name	TeSys GS
Device short name	GS1 QQ
Product or component type	Switch-disconnector-fuse
Device application	Protection
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 poles not juxtaposed DC-23A 200 A at 440 V poles not juxtaposed DC-23B 315 A at 440 V poles not juxtaposed DC-23A 315 A at 440 V poles not juxtaposed DC-23B 250 A at 690 V poles not juxtaposed AC-23A 250 A at 690 V poles not juxtaposed AC-23B 315 A at 500 V poles not juxtaposed AC-23A 315 A at 500 V AC-23B 315 A at 690 V AC-23A 315 A at 690 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	Direct right 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 400 V 220 kW at 500 V 295 kW at 690 V
Breaking capacity	33 W

Making capacity	4000 A at 400 V AC-23B
	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: lugs-ring terminals185...240 mm² flexible
[Icm] rated short-circuit making capacity	100 kA at 400 V with protection by gG fuses
Tightening torque	Power circuit: 25 N.m - on lugs-ring terminals

Environment

Standards	IEC 60947-3
Product certifications	CE
Protective treatment	TH
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	271 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	21.5 cm
Package 1 Width	22.5 cm
Package 1 Length	35.5 cm
Package 1 Weight	4.994 kg
Unit Type of Package 2	S06
Number of Units in Package 2	8
Package 2 Height	75 cm
Package 2 Width	60 cm
Package 2 Length	80 cm
Package 2 Weight	52.952 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
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
California proposition 65	WARNING: This product can expose you to chemicals including: Styrene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

Contractual warranty

Warranty	18 months
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Recommended replacement(s)