Product data sheet
Characteristics

GS2S3
Switch disconnector fuse, TeSys GS, 3P, 630A, fuse type DIN, size 3



Main

Range	TeSys
Product name	TeSys GS
Device short name	GS2S
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	630 A (at 40 °C)
[Ie] rated operational current	400 A at 440 V 2 poles in series per phase with terminal covers DC-23A 630 A at 440 V 2 poles in series per phase with terminal covers DC-23B 315 A at 690 V AC-23A 400 A at 690 V AC-23B 500 A at 500 V AC-23A 500 A at 500 V AC-23B 630 A at 400 V AC-23A 630 A at 400 V AC-23B
Fuse type	DIN
Fuse size	3
Network type	AC DC
Network frequency	50/60 Hz

Complementary

Type of operating handle	External right side External frontal Direct frontal
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	295 KW at 690 V 355 KW at 400 V 355 KW at 500 V 400 KW at 690 V
Breaking capacity	60 W
Making capacity	6300 A at 400 V AC-23B
Breaking capacity	5040 A at 400 V (AC-23B)
Short-circuit withstand	70 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: bars 63 mm² Power circuit: lugs-ring terminals 2 cable(s) 150 mm² Power circuit: lugs-ring terminals 2 cable(s) 300 mm²
[Icm] rated short-circuit making capacity	100 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
Net weight	16 Kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	40.000 Cm
Package 1 Width	52.000 Cm
Package 1 Length	44.000 Cm
Package 1 Weight	16.962 Kg
Unit Type of Package 2	P06
Number of Units in Package 2	2
Package 2 Height	75.000 Cm
Package 2 Width	60.000 Cm
Package 2 Length	80.000 Cm
Package 2 Weight	42.424 Kg

Offer Sustainability

REACh free of SVHC	Yes
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	No
Environmental Disclosure	Product Environmental Profile
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
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 and

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised