

# GS1DD3

Switch disconnecter fuse, TeSys GS, 3P, 3NO, 32A, fuse type NFC, size 10x38mm



## Main

Range	TeSys
Product name	TeSys GS
Device short name	GS1 DD
Product or Component Type	Switch-disconnector-fuse
Device Application	Protection
Poles description	3P
Protected poles description	3t
Contacts type and composition	3 NO
[I <sub>th</sub> ] conventional free air thermal current	32 A (at 104 °F (40 °C))
[I <sub>e</sub> ] rated operational current	20 A 440 V 2 poles in series per phase DC-23A 20 A 440 V 2 poles in series per phase DC-23B 32 A 400 V AC-23A 32 A 400 V AC-23B 32 A 500 V AC-23A 32 A 500 V AC-23B 32 A 690 V AC-23A 32 A 690 V AC-23B
Fuse type	NFC
Fuse size	10 x 38 mm
Network type	AC DC
Network Frequency	50/60 Hz

## Complementary

Type of operating handle	Direct frontal External left side External right side External frontal
Mounting Support	Plate Rail
[U <sub>i</sub> ] rated insulation voltage	800 V AC 50/60 Hz
[U <sub>imp</sub> ] rated impulse withstand voltage	8 kV
Rated operational power in W	15 KW 400 V 18.5 KW 500 V 25 kW 690 V
Making capacity	320 A 400 V AC-23B
Breaking capacity	256 A 400 V AC-23B)
Short-circuit withstand	5.5 kA
Mechanical durability	20000 cycles
Electrical durability	1500 Cycles AC-23A 1500 Cycles AC-23B 300 Cycles DC-23A 300 cycles DC-23B
Connections - terminals	Power circuit screw-clamp terminals 0.00...0.02 in <sup>2</sup> (2.5...16 mm <sup>2</sup> ) flexible
[I <sub>cm</sub> ] rated short-circuit making capacity	100 kA 400 V with protection by gG fuses
Tightening torque	Power circuit 26.55 lbf.in (3 N.m) screw-clamp terminals

## Environment

Standards	IEC 60947-3
Product Certifications	CE
Protective treatment	TH
IP degree of protection	IP20 IEC 60529 with terminal cover)
Ambient Air Temperature for Operation	-4...158 °F (-20...70 °C)
Ambient Air Temperature for Storage	-40...176 °F (-40...80 °C)
Fire resistance	1760 °F (960 °C) body IEC 60695-2-1
Height	3.86 in (98 mm)
Width	3.78 in (96 mm)
Depth	4.41 in (112 mm)
Net Weight	1.01 lb(US) (0.46 kg)

## Ordering and shipping details

Category	18402-WORLD SERVICE PARTS(CONTROL ACCESS)
Discount Schedule	CP10
GTIN	3389110120103
Returnability	No
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.54 in (9.0 cm)
Package 1 Width	4.02 in (10.2 cm)
Package 1 Length	4.53 in (11.5 cm)
Package 1 Weight	16.23 oz (460.0 g)
Unit Type of Package 2	S03
Number of Units in Package 2	18
Package 2 Height	11.81 in (30 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	19.39 lb(US) (8.795 kg)

## Offer Sustainability

Sustainable offer status	Green Premium product
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months
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