Product datasheet

Specifications

Green Premium™

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

GS1DD3

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
[Ith] Conventional Free Air Thermal Current	32 A (at 40 °C)
[Ie] Rated Operational Current	20 A at 440 V 2 poles in series per phase DC-23A 20 A at 440 V 2 poles in series per phase DC-23B 32 A at 400 V AC-23A 32 A at 400 V AC-23B 32 A at 500 V AC-23A 32 A at 500 V AC-23B 32 A at 690 V AC-23A 32 A at 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
[Ui] Rated Insulation Voltage	800 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	8 kV
Rated Operational Power In W	15 kW at 400 V 18.5 kW at 500 V 25 kW at 690 V
Making Capacity	320 A at 400 V AC-23B
Breaking Capacity	256 A at 400 V (AC-23B)
Short-Circuit Withstand	5.5 kA

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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 terminals2.5…16 mm² flexible
[Icm] Rated Short-Circuit Making Capacity	100 kA at 400 V with protection by gG fuses
Tightening Torque	Power circuit: 3 N.m - on screw-clamp 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	960 °C body conforming to IEC 60695-2-1
Height	98 mm
Width	96 mm
Depth	112 mm
Net Weight	0.46 kg

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	9.0 cm
Package 1 Width	10.2 cm
Package 1 Length	11.5 cm
Package 1 Weight	460.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	18
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	8.795 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Reach Free Of Svhc	
Toxic Heavy Metal Free	
Mercury Free	
Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information