

# Product datasheet

Specifications



## Switch disconnecter fuse, TeSys GS, 3P, 32A, fuse type BS, size A1

GS2DB3

### Main

Range	TeSys
Product Name	TeSys GS
Device Short Name	GS2D
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	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	BS
Fuse Size	A1
Network Type	AC DC
Network Frequency	50/60 Hz

### Complementary

Type Of Operating Handle	External right side External frontal
Mounting Support	Plate Rail
[Ui] Rated Insulation Voltage	750 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	9 kA
Mechanical Durability	10000 cycles

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

Electrical Durability	1500 cycles AC-23A 1500 cycles AC-23B 300 cycles DC-23A 300 cycles DC-23B
Connections - Terminals	Power circuit: screw-clamp terminals6...25 mm²
[Icm] Rated Short-Circuit Making Capacity	80 kA at 400 V with protection by gG fuses
Tightening Torque	Power circuit: 3.2 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	960 °C body conforming to IEC 60695-2-1
Height	118 mm
Width	121 mm
Depth	87 mm
Net Weight	0.8 kg

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	10.8 cm
Package 1 Width	13.0 cm
Package 1 Length	17.4 cm
Package 1 Weight	1.012 kg
Unit Type Of Package 2	S03
Number Of Units In Package 2	10
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	10.774 kg

## Contractual warranty

Warranty	18 months
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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<sub>2</sub> products.

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

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Transparency   RoHS/REACH

Well-being performance

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

Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant <a href="#">EU RoHS Declaration</a>
China Rohs Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>