Product data sheet

Specification





Switch disconnector fuse, TeSys GS, 3P, 3NO, 50A, 4.6W, fuse type NFC, size 14x51mm

GS1FD3

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 726.00 USD

Main

Range	TeSys
Product Name	TeSys GS
Device Short Name	GS1 F
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	50 A (at 104 °F (40 °C))
[le] Rated Operational Current	40 A 440 V 2 poles in series per phase DC-23A
•	40 A 440 V 2 poles in series per phase DC-23B
	50 A 400 V AC-23A
	50 A 400 V AC-23B
	50 A 500 V AC-23A
	50 A 500 V AC-23B
	50 A 690 V AC-23A
	50 A 690 V AC-23B
Fuse Type	NFC
Fuse Size	14 x 51 mm
Network Type	DC
	AC
Network Frequency	50/60 Hz

Complementary

Type Of Operating Handle	Direct right side	
Mounting Support	Plate	
[Ui] Rated Insulation Voltage	750 V AC 50/60 Hz	
[Uimp] Rated Impulse Withstand Voltage	8 kV	
Rated Operational Power In W	25 kW 400 V 33 kW 500 V 45 kW 690 V	
Breaking Capacity	4.6 W	
Making Capacity	500 A 400 V AC-23B	
Breaking Capacity 400 A 400 V AC-23B)		

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Short-Circuit Withstand	7.6 kA
Mechanical Durability	10000 cycles
Electrical Durability	1500 cycles AC-23A 1500 cycles AC-23B 300 cycles DC-23A 300 cycles DC-23B
Connections - Terminals	Power circuit lugs-ring terminals 0.010.04 in² (625 mm²) flexible
[Icm] Rated Short-Circuit Making Capacity	100 kA 400 V with protection by gG fuses
Tightening Torque	Power circuit 28.32 lbf.in (3.2 N.m) lugs-ring terminals

Environment

Standards	IEC 60947-3	
Product Certifications	CE	
Protective Treatment	тн	
Ip Degree Of Protection	IP20 IEC 60529 with terminal cover)	
Ambient Air Temperature For Operation	-4158 °F (-2070 °C)	
Ambient Air Temperature For Storage	-40176 °F (-4080 °C)	
Fire Resistance	1562 °F (850 °C) fuse cover IEC 60695-2-1 1760 °F (960 °C) body IEC 60695-2-1	
Height	4.65 in (118 mm)	
Width	4.65 in (118 mm)	
Depth	3.43 in (87 mm)	
Net Weight	1.76 lb(US) (0.8 kg)	

Ordering and shipping details

Category	US1CP1018402
Discount Schedule	CP10
Gtin	3389110253887
Returnability	No
Country Of Origin	FR

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	4.33 in (11.0 cm)
Package 1 Width	5.00 in (12.7 cm)
Package 1 Length	7.01 in (17.8 cm)
Package 1 Weight	32.77 oz (929.0 g)
Unit Type Of Package 2	S06
Number Of Units In Package 2	60
Package 2 Height	29.53 in (75.0 cm)
Package 2 Width	23.62 in (60.0 cm)
Package 2 Length	31.50 in (80.0 cm)

Package 2 Weight

151.55 lb(US) (68.74 kg)

Contractual warranty

Warranty

Apr 26, 2024

18 months

Sustainability Green Premium*

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ 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	
9	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
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
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