

Product datasheet

Specifications



Switch disconnecter fuse, FuPacT GSC50, 50A, 3 poles, fuse type NFC 14x51mm, front and right side control

LV481513

⚠ To be discontinued

⚠ Discontinued on: 01 Dec 2024

Main

Range	FuPacT
Product name	FuPacT GS
Device short name	GSC50
Product or component type	Switch-disconnector-fuse
Device application	Equipment protection, monitoring and control Distribution
Poles description	3P
Number of fuse carriers	3
Fuse type	NFC
Fuse size	14 x 51 mm
Suitability for isolation	Yes conforming to EN/IEC 60947-3
Visible break	No
Contact position indicator	Yes
[Ith] conventional free air thermal current	50 A (35 °C) power dissipation per fuse: 4.6 W
[Ithe] conventional enclosed thermal current	50 A at 35 °C, Power dissipation per fuse: 4.6 W
Maximum power dissipation per pole	4.6 W
[Ue] rated operational voltage	690 V AC 50/60 Hz 800 V AC 50/60 Hz AC-20
[Ui] rated insulation voltage	800 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ie] rated operational current	AC-22A: 50 A at 220/240 V AC 50/60 Hz AC-23A: 50 A at 220/240 V AC 50/60 Hz AC-22B: 50 A at 220/240 V AC 50/60 Hz AC-23B: 50 A at 220/240 V AC 50/60 Hz AC-22A: 50 A at 380/415 V AC 50/60 Hz AC-23A: 50 A at 380/415 V AC 50/60 Hz AC-22B: 50 A at 380/415 V AC 50/60 Hz AC-23B: 50 A at 380/415 V AC 50/60 Hz AC-22A: 50 A at 660/690 V AC 50/60 Hz AC-23A: 50 A at 660/690 V AC 50/60 Hz AC-22B: 50 A at 660/690 V AC 50/60 Hz AC-23B: 50 A at 660/690 V AC 50/60 Hz

Complementary

[Iq] Breaking capacity with fuses (kA RMS)	100 kA at 415 V (AC) 100 kA at 690 V (AC)
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Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

Rated operational power in W	25 kW at 380/400 V
	45 kW at 660/690 V
Contacts type and composition	3 NO
Type of operating handle	Direct frontal External frontal External right side
Provision for padlocking	3 padlocks
Mounting position	Vertical
Mounting mode	Fixed
Mounting support	Backplate DIN rail
Mechanical durability	10000 cycles
Electrical durability	AC-22A: 1500 cycles 415 V AC 50/60 Hz AC-23A: 1500 cycles 415 V AC 50/60 Hz AC-22A: 1500 cycles 690 V AC 50/60 Hz AC-23A: 1500 cycles 690 V AC 50/60 Hz
Connections - terminals	Power circuit: screw-clamp terminals 6...25 mm²
Tightening torque	Power circuit: 3.2 N.m
Width	121 mm
Height	118 mm
Depth	87 mm
Net weight	0.8 kg
Standards	EN/IEC 60947-1 EN/IEC 60947-3
Product certifications	CE CCC EAC

Environment

Electrical shock protection class	Class II front face
IP degree of protection	IP20 conforming to IEC 60529 (with terminal cover)
IK degree of protection	IK07 conforming to EN 50102
Pollution degree	3 conforming to IEC 60947
Ambient air temperature for operation	-20...70 °C
Ambient air temperature for storage	-40...80 °C
Flame resistance	850 °C fuse cover conforming to IEC 60695-2-1 960 °C body conforming to IEC 60695-2-1

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.500 cm
Package 1 Width	12.000 cm
Package 1 Length	17.500 cm
Package 1 Weight	1.060 kg
Unit Type of Package 2	S03

Number of Units in Package 2	8
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	8.900 kg
Unit Type of Package 3	P12
Number of Units in Package 3	64
Package 3 Height	45.000 cm
Package 3 Width	80.000 cm
Package 3 Length	120.000 cm
Package 3 Weight	83.200 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	94 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	5 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.6 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	89 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.2 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant
REACH Regulation	REACH Declaration

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

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 never end up in rubbish bins