

# Product datasheet

Specifications



## Switch disconnecter fuse, FuPacT GSD800, 800 A, 4 poles, fuse type DIN NH3, front and right side control

LV481464

EAN Code: 3606481713261

### Main

Range	FuPacT
Product name	FuPacT GS
Device short name	GSD800
Product or component type	Switch-disconnector-fuse
Device application	Equipment protection, monitoring and control Distribution
Poles description	4P
Number of fuse carriers	4
Fuse type	DIN
Fuse size	NH3
Suitability for isolation	Yes conforming to EN/IEC 60947-3
Visible break	No
Contact position indicator	Yes
[Ith] conventional free air thermal current	800 A ( 35 °C ) power dissipation per fuse: 65 W
[Ithe] conventional enclosed thermal current	800 A at 35 °C, Power dissipation per fuse: 65 W
Maximum power dissipation per pole	68 W
[Ue] rated operational voltage	690 V AC 50/60 Hz 1000 V AC 50/60 Hz AC-20
[Ui] rated insulation voltage	1000 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	12 kV
[Ie] rated operational current	AC-22A: 800 A at 220/240 V AC 50/60 Hz AC-22B: 800 A at 220/240 V AC 50/60 Hz AC-22A: 800 A at 380/415 V AC 50/60 Hz AC-22B: 800 A at 380/415 V AC 50/60 Hz AC-22A: 800 A at 660/690 V AC 50/60 Hz AC-22B: 800 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)
Rated operational power in W	450 kW at 380/400 V 600 kW at 660/690 V
Contacts type and composition	4 NO
Type of operating handle	External frontal External right side
Provision for padlocking	3 padlocks

<b>Mounting position</b>	Vertical
<b>Mounting mode</b>	Fixed
<b>Mounting support</b>	Backplate
<b>Mechanical durability</b>	5000 cycles
<b>Electrical durability</b>	AC-22A: 100 cycles 415 V AC 50/60 Hz AC-22A: 100 cycles 690 V AC 50/60 Hz
<b>Connections - terminals</b>	Power circuit: bare cable connectors 63 mm <sup>2</sup> Power circuit: lugs-ring terminals 2 cable(s) 150 mm <sup>2</sup> Power circuit: lugs-ring terminals 2 cable(s) 300 mm <sup>2</sup>
<b>Tightening torque</b>	Power circuit: 44 N.m
<b>Width</b>	458 mm
<b>Height</b>	300 mm
<b>Depth</b>	250 mm
<b>Net weight</b>	21.5 kg
<b>Standards</b>	EN/IEC 60947-1 EN/IEC 60947-3
<b>Product certifications</b>	CE CCC EAC

## Environment

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

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	40.0 cm
<b>Package 1 Width</b>	52.0 cm
<b>Package 1 Length</b>	45.0 cm
<b>Package 1 Weight</b>	20.0 kg

## Contractual warranty

<b>Warranty (in months)</b>	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	1 344 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	76 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	10 kg CO2 eq.
Carbon footprint of the installation phase [A5]	1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	1 254 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	3 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Use Better



### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No

## Use Longer



### Lifetime extension

Repair	No
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## Use Again



### Repack and remanufacture

End of life manual availability	<a href="#">End of Life Information</a>
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