

# Product datasheet

Specifications



## TeSys GS - switch-disconnector-fuse - 3 P - 160A - DIN 0

Local distributor code:

393397776

GS2L3

**EAN Code: 3389119410724**

### Main

Range	TeSys
Product name	TeSys GS
Device short name	GS2L
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	160 A (at 40 °C)
[Ie] rated operational current	125 A at 440 V 2 poles in series per phase DC-23A 125 A at 440 V 2 poles in series per phase DC-23B 125 A at 690 V AC-23A 125 A at 690 V AC-23B 160 A at 400 V AC-23A 160 A at 400 V AC-23B 160 A at 500 V AC-23A 160 A at 500 V AC-23B
Fuse type	DIN
Fuse size	0
Network type	DC AC
Network frequency	50/60 Hz

### Complementary

Type of operating handle	External right side External frontal
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	80 kW at 400 V 110 kW at 500 V 110 kW at 690 V
Making capacity	1600 A at 400 V AC-23B
Breaking capacity	1280 A at 400 V (AC-23B)
Short-circuit withstand	20 kA
Mechanical durability	10000 cycles

<b>Electrical durability</b>	1000 cycles AC-23A 1000 cycles AC-23B 200 cycles DC-23A 200 cycles DC-23B
<b>Connections - terminals</b>	Power circuit: bars20 mm <sup>2</sup> Power circuit: lugs-ring terminals50...95 mm <sup>2</sup>
<b>[Icm] rated short-circuit making capacity</b>	100 kA at 400 V with protection by gG fuses
<b>Tightening torque</b>	Power circuit: 12 N.m

## Environment

<b>Standards</b>	IEC 60947-3
<b>Product certifications</b>	CE
<b>IP degree of protection</b>	IP20 conforming to IEC 60529 (with terminal cover)
<b>Ambient air temperature for operation</b>	-20...70 °C
<b>Ambient air temperature for storage</b>	-40...80 °C
<b>Fire resistance</b>	850 °C fuse cover conforming to IEC 60695-2-1 960 °C body conforming to IEC 60695-2-1
<b>Height</b>	162 mm
<b>Width</b>	190 mm
<b>Depth</b>	136.5 mm
<b>Net weight</b>	1.8 kg

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	19.0 cm
<b>Package 1 Width</b>	21.0 cm
<b>Package 1 Length</b>	26.0 cm
<b>Package 1 Weight</b>	2.318 kg
<b>Unit Type of Package 2</b>	S06
<b>Number of Units in Package 2</b>	24
<b>Package 2 Height</b>	75.0 cm
<b>Package 2 Width</b>	60.0 cm
<b>Package 2 Length</b>	80.0 cm
<b>Package 2 Weight</b>	68.632 kg

## Logistical informations

<b>Country of origin</b>	FR
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## Contractual warranty

<b>Warranty</b>	18 months
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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 502

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant

REACH Regulation [REACH Declaration](#)

## 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

Technical Illustration

Assembly's dimensions

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