

Product data sheet

Specifications



Motor circuit breaker, Tesys GV5,
600A, 3 pole, 600VAC, 18kA, lugs,
thermal magnetic, 80%

GV6PB600N

⚠ Discontinued on: Dec 31, 2023

⚠ End-of-service on: Mar 28, 2024

⚠ Discontinued

Main

Product name	TeSys GV6
Product or component type	Motor protection circuit breaker
Poles description	3P
[Ue] rated operational voltage	600 V AC
[In] rated current	600 A
Breaking capacity code	N
Breaking capacity	65 kA 240 V AC 35 kA 480 V AC 18 kA 600 V AC
Trip unit technology	ElectronicMicroLogic 2.3 M,
Thermal protection adjustment range	312...520 A
Phase failure sensitivity	Yes

Complementary

Mounting mode	Unit mount
AWG gauge	AWG 2/0...500 kcmil aluminum/copper
Electrical connection	Lugs, load Lugs, line
Product certifications	UL listed CSA
Tightening torque	38.9...442.5 lbf.in (4.4...50 N.m) 0.1...0.4 in ² (70...240 mm ²) AWG 2/0...500 kcmil)
Width	5.5 in (139.7 mm)
Height	11.3 in (287.02 mm)
Depth	6.61 in (167.89 mm)

Environment

Ambient air temperature for operation	104 °F (40 °C)
---------------------------------------	----------------

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	11.3 in (28.7 cm)

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

Package 1 Width	5.5 in (14.0 cm)
Package 1 Length	6.6 in (16.8 cm)
Package 1 Weight	5.00009 lb(US) (2.268 kg)

Contractual warranty

Warranty (in months)	18
----------------------	----



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

Environmental Disclosure

[Product Environmental Profile](#)

Use Better



Materials and Substances

Packaging made with recycled cardboard

No

Packaging without single use plastic

No

EU RoHS Directive

[Compliant By Exemption](#)

PVC free

Yes

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

Take-back

Nej

Image of product / Alternate images

Alternative

