

Product data sheet

Specifications



Motor circuit breaker, TeSys GV5,
250A, 3 pole, 600VAC, 25kA, lugs,
thermal magnetic, 80%

GV5PB250S

Main

Product name	TeSys GV5
Product or component type	Motor protection circuit breaker
Poles description	3P
[Ue] rated operational voltage	600 V AC
[In] rated current	250 A
Breaking capacity code	S
Breaking capacity	100 kA 240 V AC 65 kA 480 V AC 25 kA 600 V AC
Trip unit technology	ElectronicMicroLogic 2.2 M,
Thermal protection adjustment range	114...217 A
Phase failure sensitivity	Yes

Complementary

Mounting mode	Unit mount
AWG gauge	AWG 3/0...350 kcmil aluminum/copper
Electrical connection	Lugs, load Lugs, line
Product certifications	UL listed CSA
Tightening torque	230.1 lbf.in (26 N.m) 0.1...0.3 in² (95...185 mm²) AWG 3/0...350 kcmil)
Width	4.12 in (104.65 mm)
Height	7.52 in (191.008 mm)
Depth	5 in (127 mm)

Environment

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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.5 in (19.1 cm)
Package 1 Width	4.1 in (10.5 cm)
Package 1 Length	5.0 in (12.7 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 Weight	5.00009 lb(US) (2.268 kg)
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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	1 892 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	15 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]	1 876 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.3 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	51395289-2490-4e49-b5d9-78d9d14cd74f
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
PVC free	Yes

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Take-back	No
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Image of product / Alternate images

Alternative

