Product data sheet
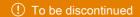
Specifications

SQUARE D

Green Premium™

Busway I-Line Circuit Breaker Plug-in Unit, 450A, M-Frame, 25kA-600V, 3W, Vert

PTMJ36450GV

⊘ **To be discontinued on:** Apr 30, 2024

⚠ **To be discontinued**

Main

Product Or Component Type	Plug-in unit
Range Of Product	I-Line
Circuit Breaker Type	M-frame
Trip Unit Technology	Electronic, basic, ET 1.0, LI

Complementary

Protection Type	Circuit breaker
Mounting Mode	Bolt-on
[Ue] Rated Operational Voltage	600 V AC
Line Rated Current	450 A
Number Of Phases	3 phase
Poles Description	3P
Interrupt Rating	100 kA 240 V AC 65 kA 480 V AC 25 kA 600 V AC
[Ics] Rated Service Short-Circuit Breaking Capacity	80 %
Wiring Configuration	3-wire (integral ground bus)
Awg Gauge	AWG 3/0...500 kcmil 3 phase and neutral AWG 6...300 kcmil 4 ground
Depth	20.24 in (514 mm)
Height	46.22 in (1174 mm)
Width	22.99 in (584 mm)
Condition Of Use	Vertical installation

Environment

Product Certifications	CSA C22.2 No 27 UL listed file E22182
Standards	UL 857

Ordering and shipping details

Category	20192-PBMH/PTMH C/B PLUGS
Discount Schedule	PE7
Returnability	No

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	46.22 in (117.4 cm)
Package 1 Width	22.99 in (58.4 cm)
Package 1 Length	20.24 in (51.4 cm)
Package 1 Weight	284.00 lb(US) (128.82 kg)

Contractual warranty

Warranty	18 months

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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium ›

Guide to assess a product's sustainability ›

Transparency   RoHS/REACh

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Compliant with Exemptions

China Rohs Regulation   China RoHS declaration

Product out of China RoHS scope. Substance declaration for your information.

Environmental Disclosure   Product Environmental Profile

Circularity Profile   No need of specific recycling operations

California Proposition 65   WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Bisphenol A (BPA), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov