

Product data sheet

Specifications



power supply PowerLogic PS280/V2
hot-swappable T500 module to drive
backplanes from 48Vdc inputs

EMS71130

**Product availability: Non-Stock - Not normally stocked in
distribution facility**

Main

Range of Product	PowerLogic
Device short name	PS280/V3
Product or Component Type	Power supply

Complementary

[Us] rated supply voltage	48 V DC
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Environment

Mounting Support	DIN rail
Operating position	Vertical
Electromagnetic compatibility	Radiated emission class A (30...1000 MHz) conforming to EN 55022 Conducted emission class A (0.15...30 MHz) conforming to EN 55022 Electrostatic discharge - test level: level 4 criteria B conforming to IEC 61000-4-2 Radiated radio-frequency electromagnetic field immunity test - test level: level 4 criteria A (80...2700 MHz) conforming to IEC 61000-4-3 Electrical fast transient/burst immunity test - test level: level 4 criteria A conforming to IEC 61000-4-4 Surge immunity test - test level: level 3 criteria A conforming to IEC 61000-4-5 Conducted RF disturbances - test level: level 3 criteria A conforming to IEC 61000-4-6 Magnetic field at power frequency - test level: level 5 criteria B conforming to IEC 61000-4-8 Conducted disturbance emission - test level: level 4 criteria A conforming to IEC 61000-4-16 Damped oscillating waves - test level: level 3 conforming to IEC 61000-4-18
Standards	IEC 61850-3
Product certifications	CE
IP degree of protection	IP20 conforming to IEC 60529
IK degree of protection	IK07 conforming to IEC 62262
Ambient air temperature for operation	-40...158 °F (-40...70 °C)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
Operating altitude	0...6561.68 ft (0...2000 m)
Height	7.09 in (180 mm)
Width	9.6 in (245 mm)
Depth	1.8 in (45 mm)

Ordering and shipping details

Category	US1RTU108644
Discount Schedule	RTU1

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

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

GTIN	3606487235439
Returnability	No
Country of origin	LV

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.346 in (8.500 cm)
Package 1 Width	9.055 in (23.000 cm)
Package 1 Length	12.205 in (31.000 cm)
Package weight(Lbs)	2.518 lb(US) (1.142 kg)
Unit Type of Package 2	S03
Number of Units in Package 2	3
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	8.519 lb(US) (3.864 kg)

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 >](#)

Use Better

Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer

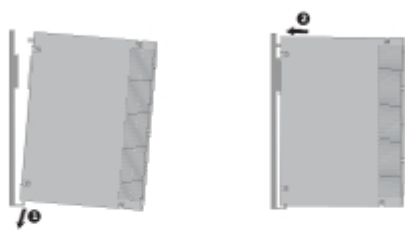
Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
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



Technical Illustration

Assembly's dimensions

