

Product data sheet

Specifications



power supply module - 24..48 V DC - <= 1500/<= 3000 mA - IP20

TSXPSY5520MC

⚠ Discontinued on: Dec 2, 2020

⚠ End-of-service on: Dec 31, 2020

⚠ Discontinued - Service only

Main

Range Of Product	Modicon Premium Automation platform
Product Or Component Type	Power supply module

Complementary

Primary Voltage	24...48 V DC 19.2...60 V
Input Current	<= 1500 mA 48 V <= 3000 mA 24 V
Inrush Current	15 A 24 V 15 A 48 V
I²T On Activation	50 A².s 24 V 55 A².s 48 V
It On Activation	6 A.s 48 V 7 A.s 24 V
Protection Type	Internal fuse 5 A 5 x 20 mm time-delayed primary circuit Overload protection secondary circuit Overvoltage protection secondary circuit Short-circuit protection secondary circuit
Total Useful Secondary Power	50 W
Secondary Power	19 W 24 V DC 35 W 5 V DC
Current At Secondary Voltage	0.8 A 24 V DC relay power supply 7 A 5 V DC
Insulation Resistance	>= 10 mOhm primary/ground >= 10 mOhm primary/secondary
Marking	CE
Local Signalling	for presence of voltages (OK) 1 LED (green) for battery fault (BAT) 1 LED (red)
Module Format	Double
Net Weight	1.96 lb(US) (0.89 kg)

Environment

Immunity To Microbreaks	1 ms
Dielectric Strength	2000 V primary/earth 2000 V primary/secondary

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

Standards	73/23/EEC 92/31/EEC CSA C22.2 No 213 Class I Division 2 Group D 89/336/EEC CSA C22.2 No 142 IEC 61131-2 93/68/EEC UL 508 CSA C22.2 No 213 Class I Division 2 Group B CSA C22.2 No 213 Class I Division 2 Group C CSA C22.2 No 213 Class I Division 2 Group A
Product Certifications	LR RINA BV DNV RMRS GL ABS
Ambient Air Temperature For Operation	32...140 °F (0...60 °C)
Ambient Air Temperature For Storage	-13...158 °F (-25...70 °C)
Relative Humidity	10...95 % without condensation for operation 5...95 % without condensation for storage
Operating Altitude	0...6561.68 ft (0...2000 m)
Protective Treatment	TC Conformal coating Humiseal 1A33
Ip Degree Of Protection	IP20
Pollution Degree	2

Ordering and shipping details

Category	22558-TSX PREMIUM, ATRIUM & PL7 PRO
Discount Schedule	PC22
Gtin	3595863950724
Returnability	No
Country Of Origin	FR

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	3.74 in (9.5 cm)
Package 1 Width	7.09 in (18.0 cm)
Package 1 Length	10.24 in (26.0 cm)
Package 1 Weight	2.26 lb(US) (1.026 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-CO₂ 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 >](#)

California Proposition 65

WARNING: This product can expose you to chemicals including: Lead and lead compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov

Dimensions Drawings

Standard and Extendable Racks for Modules Mounting

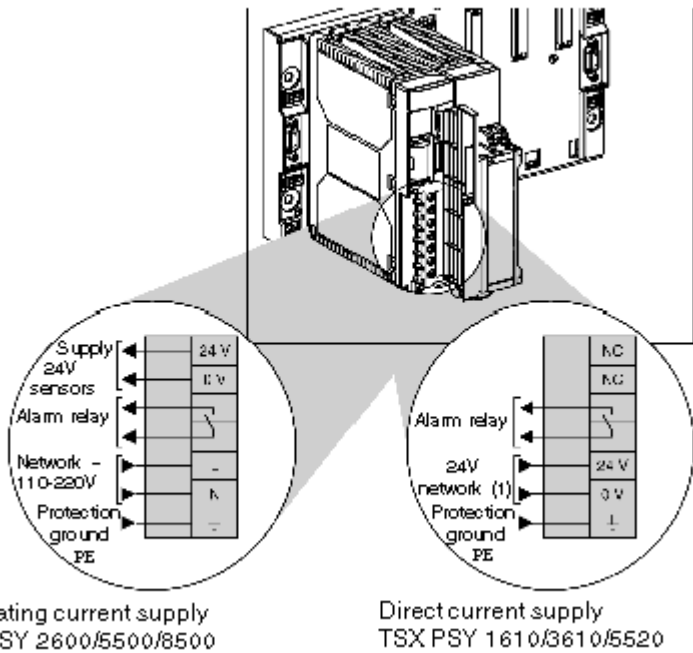
Dimensions of Modules and Racks



- (1) With screw terminal block modules.
- (2) Maximum depth for all types of modules and their associated connectors.

Connections and Schema

Connecting Power Supply Modules



(1) 24...48Vdc for the TSXPSY5520 supply module.
Provide a protection device and a switch gear upstream of the PLC station.