

Product data sheet

Specifications



Power supply module, Modicon Premium, input current 1500mA, secondary power of 30W, 19.2 to 30VDC

TSXPSY1610M

⚠ Discontinued - Service only

⚠ Discontinued on: Dec 2, 2020

⚠ To be end-of-service on: Dec 31, 2026

Main

Range of Product	Modicon Premium Automation platform
Product or Component Type	Power supply module

Complementary

Primary voltage	24 V DC 19.2...30 V
Input current	<= 1500 mA 24 V
Inrush current	100 A 24 V
I²t on activation	12.5 A².s
It on activation	0.2 A.s
Protection type	Internal fuse 3.5 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	30 W
Secondary power	15 W 24 V DC 15 W 5 V DC
Current at secondary voltage	0.6 A 24 V DC relay power supply 3 A 5 V DC
marking	CE
Local signalling	for presence of voltages (OK) 1 LED (green) for battery fault (BAT) 1 LED (red)
Module format	Standard
Net Weight	1.19 lb(US) (0.54 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	93/68/EEC CSA C22.2 No 213 Class I Division 2 Group B CSA C22.2 No 142 CSA C22.2 No 213 Class I Division 2 Group C IEC 61131-2 UL 508 CSA C22.2 No 213 Class I Division 2 Group A 92/31/EEC 73/23/EEC CSA C22.2 No 213 Class I Division 2 Group D 89/336/EEC
Product Certifications	RMRS LR ABS RINA BV GL DNV
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
IP Degree of Protection	IP20
Pollution degree	2

Ordering and shipping details

Category	22558-TSX PREMIUM, ATRIUM & PL7 PRO
Discount Schedule	PC22
GTIN	3389110725599
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.2 in (5.5 cm)
Package 1 Width	7.09 in (18.0 cm)
Package 1 Length	10.2 in (26.0 cm)
Package 1 Weight	21.8 oz (619.0 g)

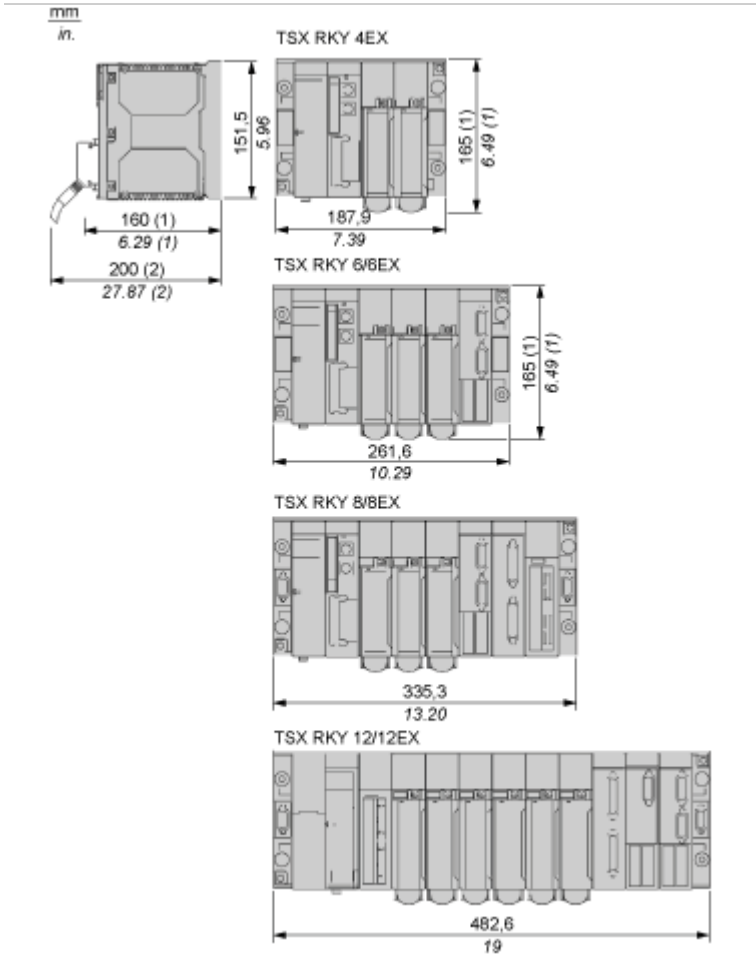
Contractual warranty

Warranty	18 months
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Dimensions Drawings

Standard and Extendable Racks for Modules Mounting

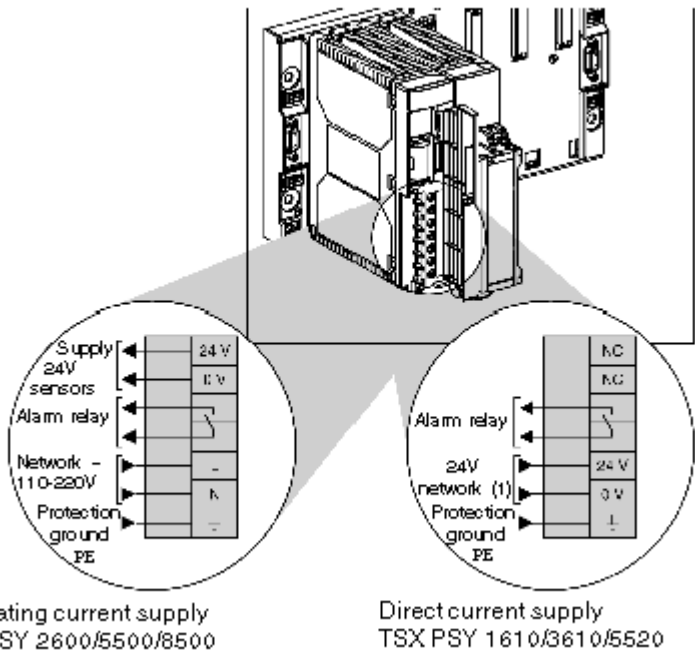
Dimensions of Modules and Racks



- (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.