

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
I ² T On Activation	12.5 A ² .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.

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	2.17 in (5.5 cm)
Package 1 Width	7.09 in (18.0 cm)
Package 1 Length	10.24 in (26.0 cm)
Package 1 Weight	21.83 oz (619.0 g)
Unit Type Of Package 2	S03
Number Of Units In Package 2	8
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	12.05 lb(US) (5.467 kg)

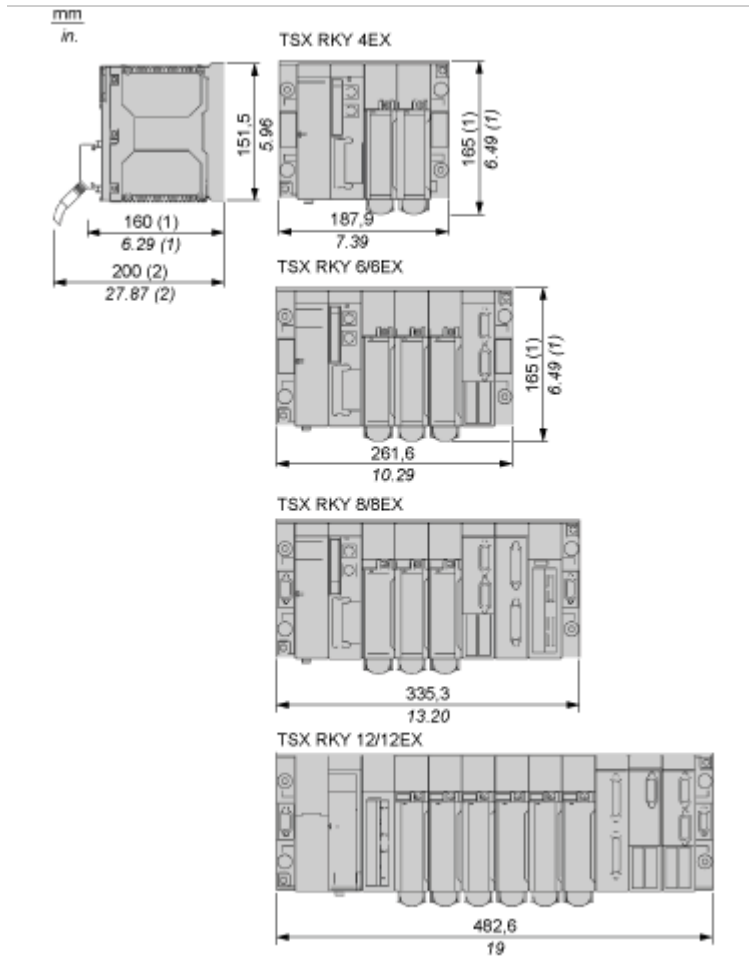
Contractual warranty

Warranty	18 months
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Dimensions Drawings

Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks

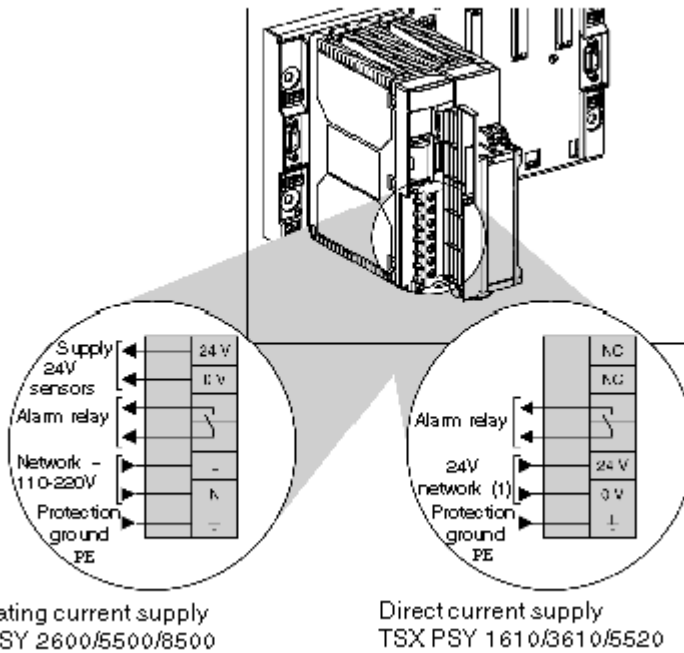


(1) With screw terminal block modules.

(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.