

Product data sheet

Specifications



Power supply module, Modicon Premium, input current of 1500mA, secondary power of 50W, 19.2 to 60VDC

TSXPSY5520M

! 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...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	1 LED (green) for presence of voltages (OK) 1 LED (red) for battery fault (BAT)
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	CSA C22.2 No 213 Class I Division 2 Group D 93/68/EEC CSA C22.2 No 213 Class I Division 2 Group C 89/336/EEC UL 508 73/23/EEC 92/31/EEC CSA C22.2 No 142 IEC 61131-2 CSA C22.2 No 213 Class I Division 2 Group B CSA C22.2 No 213 Class I Division 2 Group A
Product Certifications	RMRS DNV LR ABS RINA GL BV
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	3389110725636
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.7 in (9.5 cm)
Package 1 Width	7.09 in (18.0 cm)
Package 1 Length	10.2 in (26.0 cm)
Package weight(Lbs)	2.25 lb(US) (1.02 kg)

Contractual warranty

Warranty (in months)	18
----------------------	----



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

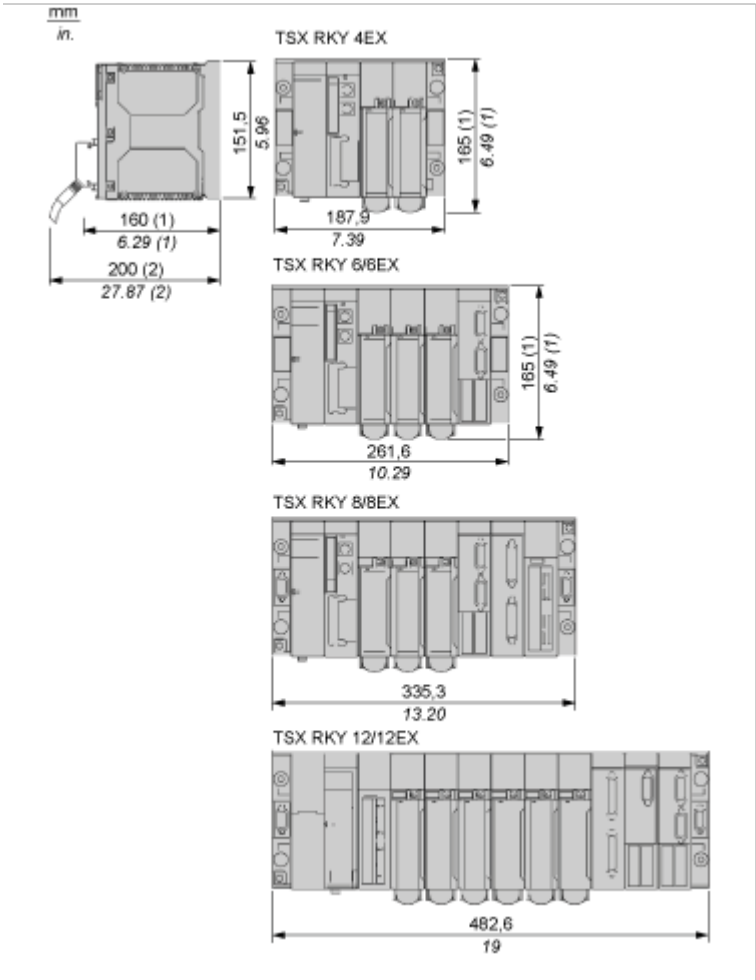
California proposition 65

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

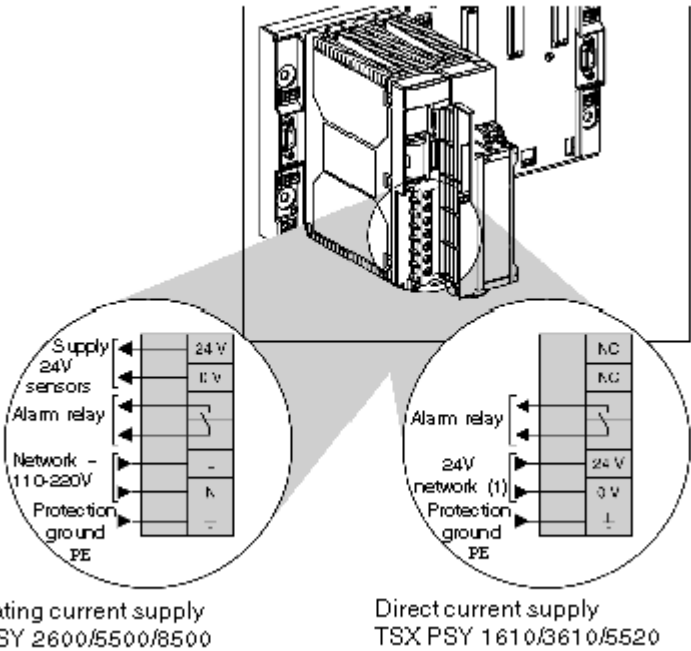
Dimensions of Modules and Racks



- (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.