

# Product data sheet

Specifications



## Power supply module, Modicon Premium, input current of 300mA, secondary power of 26W, 85 to 264VAC

TSXPSY2600M

⚠ Discontinued - Service only

⚠ Discontinued on: Dec 2, 2020

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

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

### Main

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

### Complementary

Primary voltage	100...240 V AC 85...264 V
Network Frequency	50/60 Hz
Network frequency limits	47...63 Hz
Input current	300 mA 240 V 500 mA 100 V
Inrush current	37 A 100 V 75 A 240 V
I <sup>2</sup> t on activation	0.63 A <sup>2</sup> .s 100 V 2.6 A <sup>2</sup> .s 240 V
It on activation	0.034 A.s 100 V 0.067 A.s 240 V
Protection type	Internal fuse 4 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	26 W
Secondary power	15 W 24 V DC 25 W 5 V DC
Current at secondary voltage	0.5 A 24 V DC sensor power supply 0.6 A 24 V DC relay power supply 5 A 5 V DC
Insulation resistance	>= 100 MOhm primary/ground >= 100 MOhm primary/secondary
Marking	CE
Local signalling	for presence of sensor voltage (24V) 1 LED (green) for presence of voltages (OK) 1 LED (green) for battery fault (BAT) 1 LED (red)
Module format	Standard
Net Weight	1.12 lb(US) (0.51 kg)

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

## Environment

Immunity to microbreaks	10 ms
Dielectric strength	2000 V primary/earth 2000 V primary/secondary
Standards	CSA C22.2 No 142 CSA C22.2 No 213 Class I Division 2 Group A IEC 61131-2 UL 508 89/336/EEC CSA C22.2 No 213 Class I Division 2 Group B 92/31/EEC 93/68/EEC CSA C22.2 No 213 Class I Division 2 Group D 73/23/EEC CSA C22.2 No 213 Class I Division 2 Group C
Product Certifications	RMRS BV RINA GL ABS DNV LR
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	US1PC2222558
Discount Schedule	PC22
GTIN	3389110725605
Returnability	No
Country of origin	US

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.36 in (6.0 cm)
Package 1 Width	7.09 in (18.0 cm)
Package 1 Length	10.24 in (26.0 cm)
Package 1 Weight	21.8 oz (619.0 g)

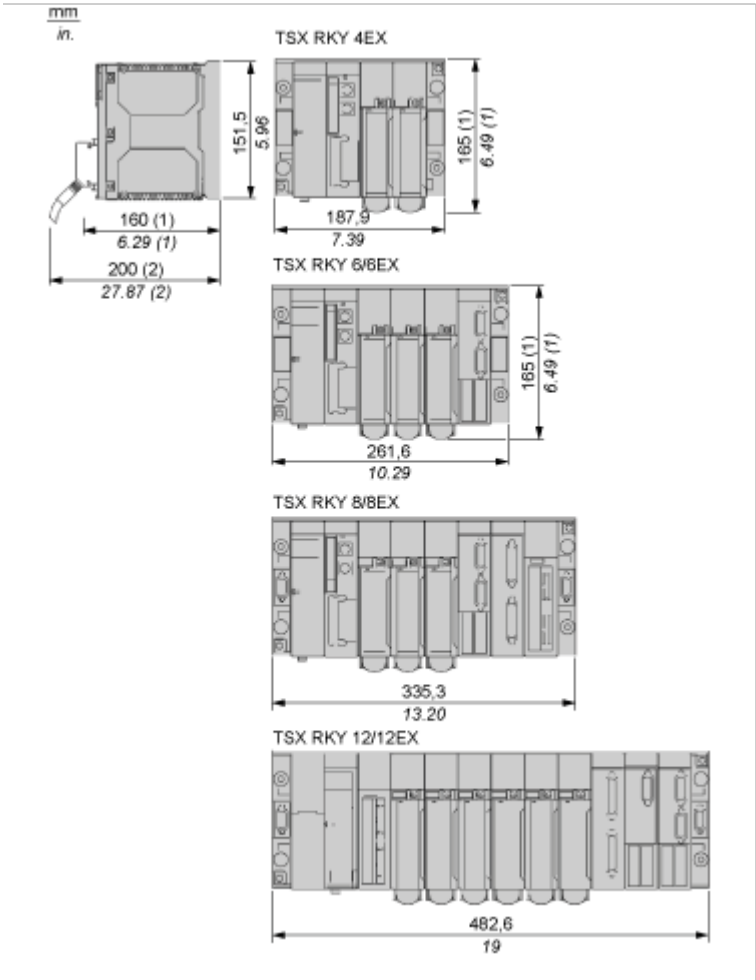
## Contractual warranty

Warranty	18 months
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Dimensions Drawings

Standard and Extendable Racks for Modules Mounting

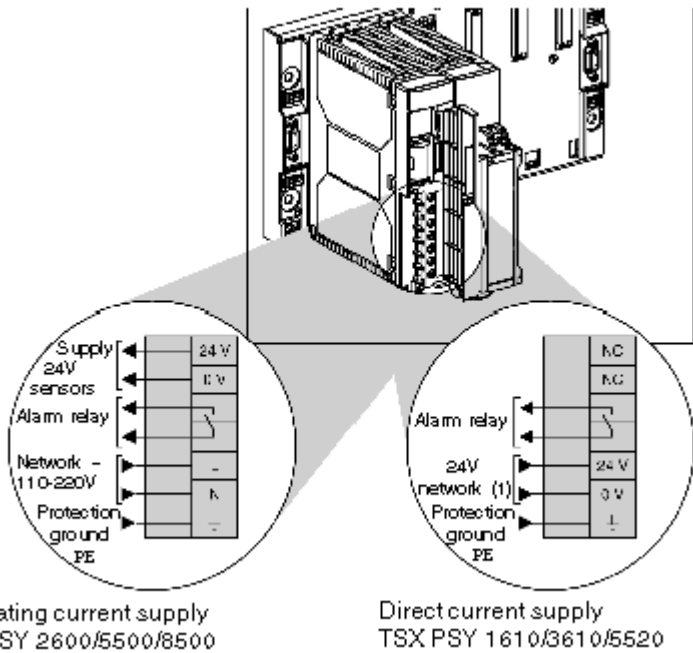
Dimensions of Modules and Racks



- (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.