

Product datasheet

Specifications



Power supply module, Modicon Premium, input current of 1700mA, secondary power of 75W, 85 to 140VAC and 170 to 264VAC

TSXPSY8500M

⚠ Discontinued - Service only

⚠ Discontinued on: Jan 23, 2021

⚠ 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	100...120 V AC 85...140 V 200...240 V AC 170...264 V
Network Frequency	50/60 Hz
Network Frequency Limits	47 ...63 Hz
Input Current	1700 mA 100 V 500 mA 240 V
Inrush Current	30 A 100 V 60 A 240 V
I²T On Activation	15 A².s 100 V 8 A².s 240 V
It On Activation	0.15 A.s 100 V 0.15 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	100 W at 55 °C with fan module 77 W at 60 °C 85 W at 55 °C
Secondary Power	75 W 5 V DC
Current At Secondary Voltage	1.6 A 24 V DC sensor power supply 15 A 5 V DC
Insulation Resistance	>= 100 MOhm primary/ground >= 100 MOhm primary/secondary
Marking	CE
Local Signalling	1 LED (green) for presence of sensor voltage (24V) 1 LED (green) for presence of voltages (OK) 1 LED (red) for battery fault (BAT)
Module Format	Double
Net Weight	0.74 kg

Environment

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

Immunity To Microbreaks	10 ms
Dielectric Strength	2000 V primary/earth 2000 V primary/secondary
Standards	CSA C22.2 No 142 73/23/EEC 89/336/EEC 92/31/EEC CSA C22.2 No 213 Class I Division 2 Group D CSA C22.2 No 213 Class I Division 2 Group A UL 508 CSA C22.2 No 213 Class I Division 2 Group C CSA C22.2 No 213 Class I Division 2 Group B IEC 61131-2 93/68/EEC
Product Certifications	DNV BV RMRS GL RINA ABS LR
Ambient Air Temperature For Operation	0...60 °C
Ambient Air Temperature For Storage	-25...70 °C
Relative Humidity	10...95 % without condensation for operation 5...95 % without condensation for storage
Operating Altitude	0...2000 m
Protective Treatment	TC
Ip Degree Of Protection	IP20
Pollution Degree	2

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	9.0 cm
Package 1 Width	18.0 cm
Package 1 Length	26.0 cm
Package 1 Weight	1.026 kg

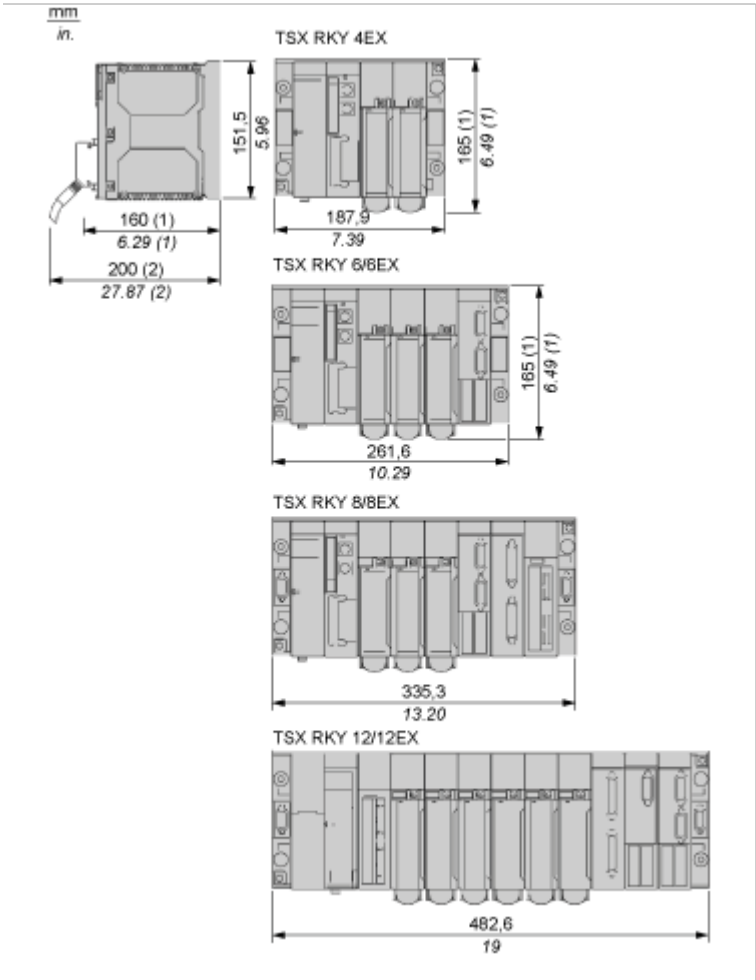
Contractual warranty

Warranty	18 months
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Dimensions Drawings

Standard and Extendable Racks for Modules Mounting

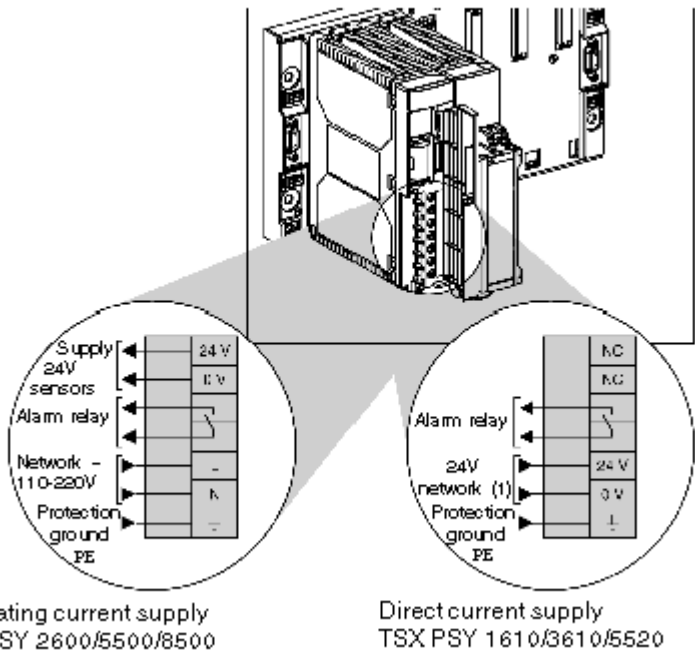
Dimensions of Modules and Racks



- (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.