

Product data sheet

Specifications



Power supply module, Modicon Premium, input current of 1700mA, secondary power of 50W, 85 to 140VAC and 190 to 264VAC

TSXPSY5500M

⚠ 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...120 V AC 85...140 V 200...240 V AC 190...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	38 A 100 V 38 A 240 V
I ² t on activation	2 A ² .s 240 V 4 A ² .s 100 V
It on activation	0.11 A.s 100 V 0.11 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	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 0.8 A 24 V DC sensor power supply 7 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
Product Weight	1.37 lb(US) (0.62 kg)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Environment

Immunity to microbreaks	10 ms
Dielectric strength	2000 V primary/earth 2000 V primary/secondary
Standards	73/23/EEC CSA C22.2 No 142 CSA C22.2 No 213 Class I Division 2 Group C 92/31/EEC UL 508 CSA C22.2 No 213 Class I Division 2 Group D CSA C22.2 No 213 Class I Division 2 Group B CSA C22.2 No 213 Class I Division 2 Group A IEC 61131-2 89/336/EEC 93/68/EEC
Product Certifications	RMRS LR ABS GL RINA DNV 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	US1PC2222558
Discount Schedule	PC22
GTIN	3389110725629
Returnability	No

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)	34.3 oz (971.0 g)

Contractual warranty

Warranty (in months)	18
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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 Longer



Lifetime extension

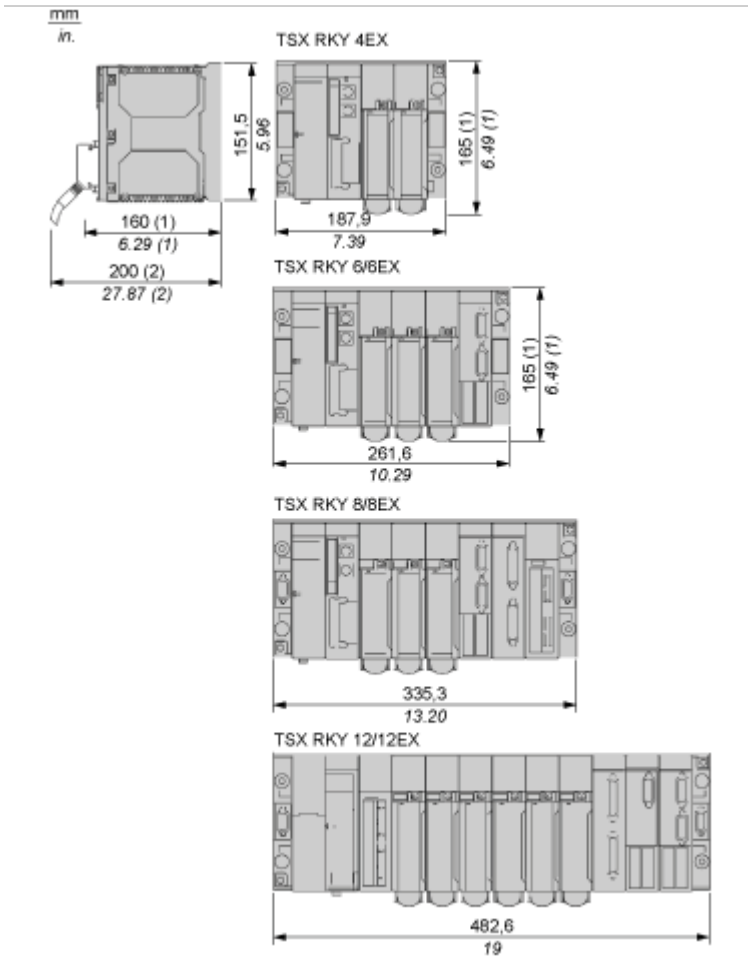
Repair

No

Dimensions Drawings

Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks

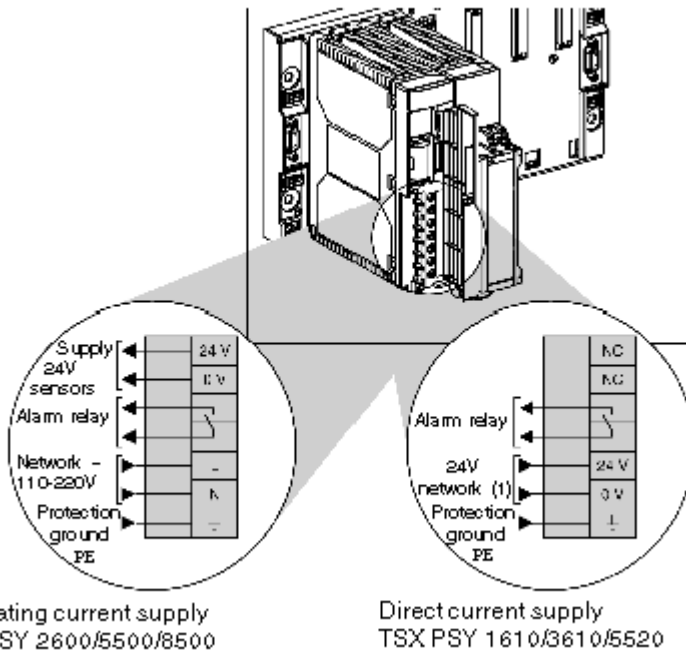


(1) With screw terminal block modules.

(2) Maximum depth for all types of modules and their associated connectors.

Connections and Schema

Connecting Power Supply Modules



Alternating current supply
 TSX PSY 2600/5500/8500

Direct current supply
 TSX PSY 1610/3610/5520

(1) 24...48Vdc for the TSXPSY5520 supply module.
 Provide a protection device and a switch gear upstream of the PLC station.