

TSXPSY8500M

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



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
I ² t on activation	15 A ² .s 100 V 8 A ² .s 240 V
I _t 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 131 °F (55 °C) with fan module 77 W 140 °F (60 °C) 85 W 131 °F (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	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	Double
Net Weight	1.63 lb(US) (0.74 kg)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

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[RETURN]BV[RETURN]RMRS[RETURN]GL[RETURN]RINA[RETURN]ABS[RETURN]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	22558-TSX PREMIUM, ATRIUM & PL7 PRO
Discount Schedule	PC22
GTIN	3595860024220
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.54 in (9.0 cm)
Package 1 Width	7.09 in (18.0 cm)
Package 1 Length	10.24 in (26.0 cm)
Package 1 Weight	2.26 lb(US) (1.026 kg)

Contractual warranty

Warranty	18 months
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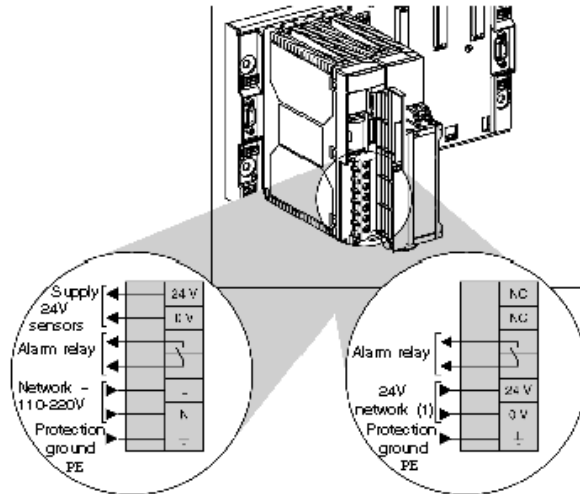
Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks



- (1) With screw terminal block modules.
- (2) Maximum depth for all types of modules and their associated connectors.

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.