

# Product data sheet

## Characteristics

# TSXPSY3610M

Power supply module, Modicon Premium, input current of 2700mA, secondary power of 50W, 19.2 to 30VAC



### Main

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

### Complementary

Primary voltage	24 V DC 19.2...30 V
Input current	<= 2700 mA 24 V
Inrush current	150 A 24 V
I <sup>2</sup> t on activation	20 A <sup>2</sup> .s
It on activation	0.5 A.s
Protection type	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	0.6 A 24 V DC relay power supply 7 A 5 V DC
Marking	CE
Local signalling	For presence of voltages (OK) 1 LED (green) For battery fault (BAT) 1 LED (red)
Module format	Double
Net Weight	1.72 lb(US) (0.78 kg)

### Environment

Immunity to microbreaks	1 ms
Dielectric strength	2000 V primary/earth 2000 V primary/secondary
Standards	UL 508 CSA C22.2 No 213 Class I Division 2 Group C CSA C22.2 No 213 Class I Division 2 Group A CSA C22.2 No 213 Class I Division 2 Group D 92/31/EEC CSA C22.2 No 213 Class I Division 2 Group B 73/23/EEC 89/336/EEC IEC 61131-2 CSA C22.2 No 142 93/68/EEC
Product Certifications	DNV[RETURN]LR[RETURN]RINA[RETURN]GL[RETURN]ABS[RETURN]RMRS[RETURN]RE[RETURN]SIBV
Ambient Air Temperature for Operation	32...140 °F (0...60 °C)
Ambient Air Temperature for Storage	-13...158 °F (-25...70 °C)

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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	3389110725612
Returnability	No
Country of origin	FR

### Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.74 in (9.5 cm)
Package 1 Width	7.09 in (18.0 cm)
Package 1 Length	10.24 in (26.0 cm)
Package 1 Weight	32.70 oz (927.0 g)
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	13.90 lb(US) (6.305 kg)

### Contractual warranty

Warranty	18 months
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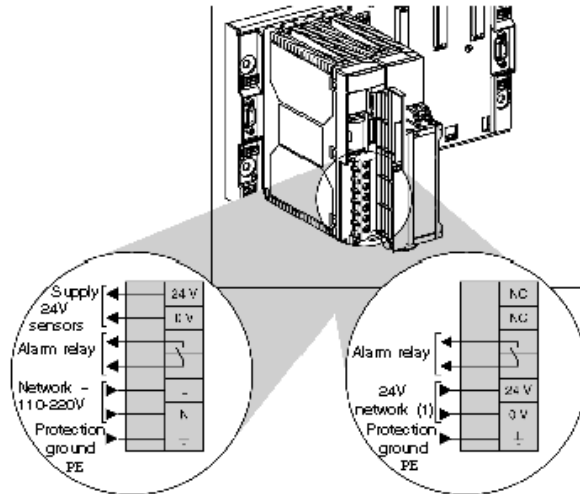
Standard and Extendable Racks for Modules Mounting

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.