

Product datasheet

Specifications



power supply module - 24 V DC - <= 2700 mA - IP20

TSXPSY3610MC

⚠ To be discontinued on: 31-Dec-2025

⚠ To be end-of-service on: 31-Dec-2025

⚠ Discontinued - Service only

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
I²t on activation	20 A².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	1 LED (green) for presence of voltages (OK) 1 LED (red) for battery fault (BAT)
Module format	Double
Net weight	0.78 kg

Environment

Immunity to microbreaks	1 ms
Dielectric strength	2000 V primary/earth 2000 V primary/secondary
Standards	CSA C22.2 No 213 Class I Division 2 Group B CSA C22.2 No 213 Class I Division 2 Group A 73/23/EEC 93/68/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 C 89/336/EEC IEC 61131-2 CSA C22.2 No 142 UL 508

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

Product certifications	LR RMRS BV DNV GL RINA ABS
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 Conformal coating Humiseal 1A33
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	9.500 cm
Package 1 Width	18.000 cm
Package 1 Length	26.000 cm
Package 1 Weight	965.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	4
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	4.375 kg

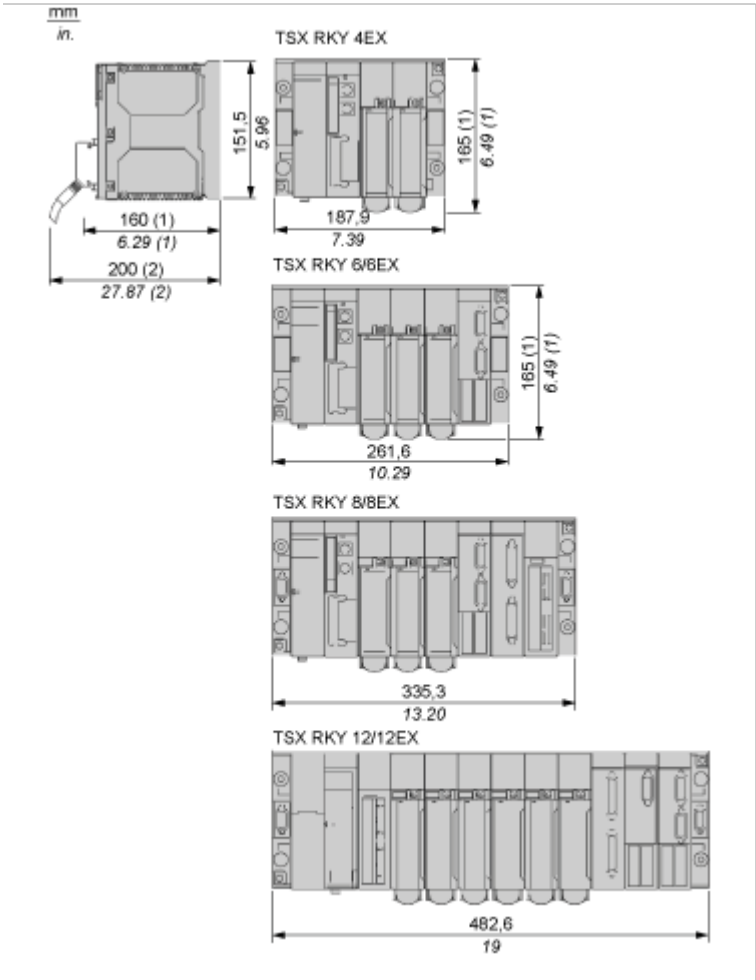
Contractual warranty

Warranty	18 months
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Dimensions Drawings

Standard and Extendable Racks for Modules Mounting

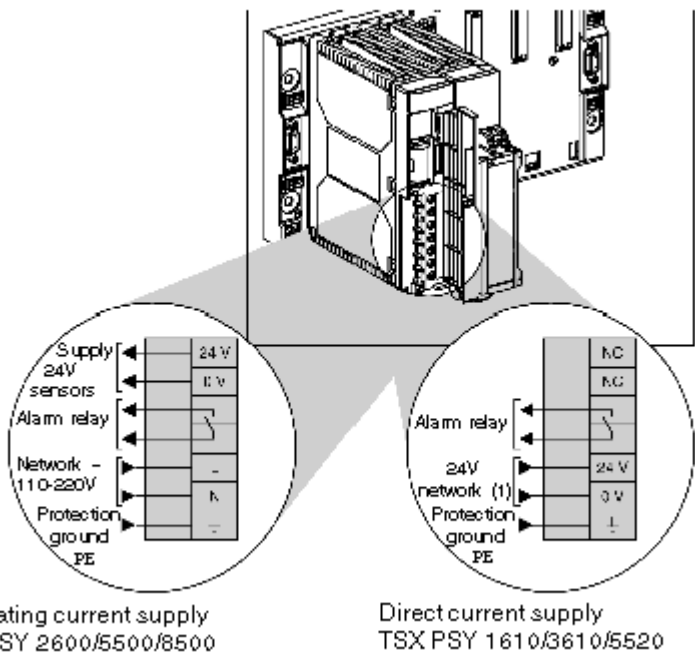
Dimensions of Modules and Racks



- (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.