

Product data sheet

Specifications



power supply module - 100..240 V AC - 300/500 mA - IP20

TSXPSY2600M

! Discontinued on: 31 December 2018

! To be end-of-service on: 31 December 2026

! Discontinued - Service only

Main

Range of product	Modicon Premium Automation platform
Product or component type	Power supply module

Complementary

Primary voltage	100...240 V AC 85...264 V
Network frequency	50/60 Hz
Network frequency limits	47...63 Hz
Input current	300 mA 240 V 500 mA 100 V
Inrush current	37 A 100 V 75 A 240 V
I ² t on activation	0.63 A ² .s 100 V 2.6 A ² .s 240 V
It on activation	0.034 A.s 100 V 0.067 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	26 W
Secondary power	15 W 24 V DC 25 W 5 V DC
Current at secondary voltage	0.5 A 24 V DC sensor power supply 0.6 A 24 V DC relay power supply 5 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	Standard
Net weight	0.51 kg

Environment

Immunity to microbreaks	10 ms
-------------------------	-------

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

Dielectric strength	2000 V primary/earth 2000 V primary/secondary
Standards	CSA C22.2 No 142 CSA C22.2 No 213 Class I Division 2 Group A IEC 61131-2 UL 508 89/336/EEC CSA C22.2 No 213 Class I Division 2 Group B 92/31/EEC 93/68/EEC CSA C22.2 No 213 Class I Division 2 Group D 73/23/EEC CSA C22.2 No 213 Class I Division 2 Group C
Product certifications	RMRS BV RINA GL ABS DNV 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

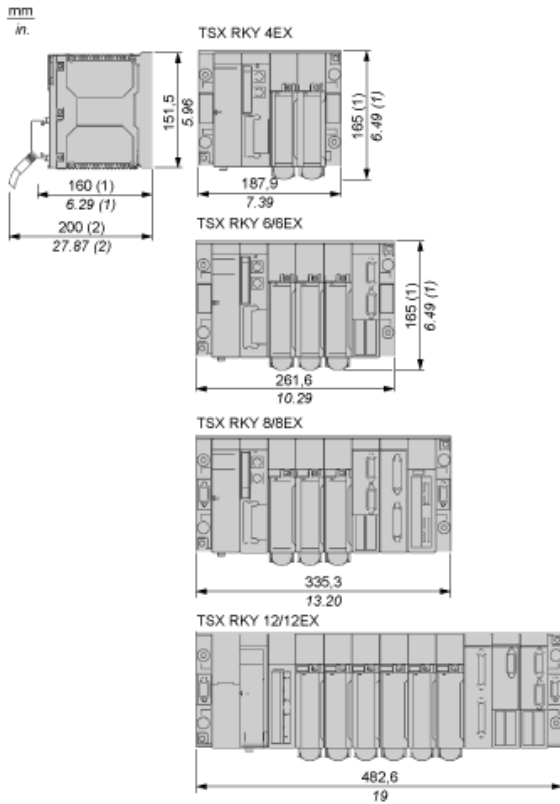
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	619 g
Package 1 Height	6 cm
Package 1 width	18 cm
Package 1 Length	26 cm
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Weight	5.467 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm

Contractual warranty

Warranty	18 months
-----------------	-----------

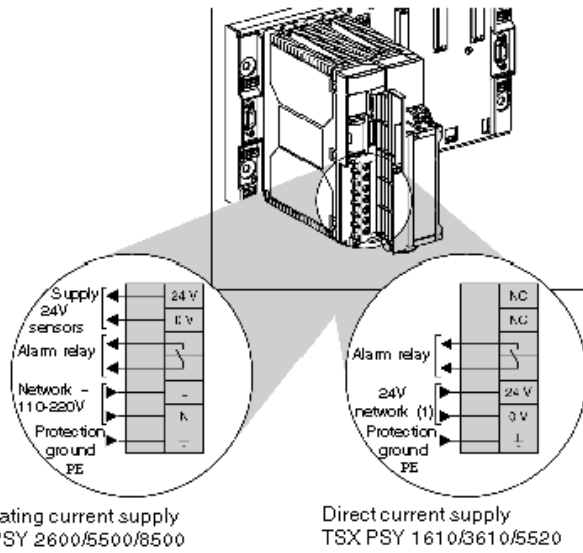
Standard and Extendable Racks for Modules Mounting

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



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

Recommended replacement(s)

TSXPSY2600M is replaced by:

1x



power supply module X80 - 100..240 V AC - 20 W
BMXCPS2000