

# Product datasheet

Specifications



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

TSXPSY2600M

⚠ To be discontinued on: 31 Dec 2030

⚠ To be end-of-service on: 31 Dec 2030

⚠ Discontinued - Service only

EAN Code: 3389110725605

### 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 <sup>2</sup> t on activation	0.63 A <sup>2</sup> .s 100 V 2.6 A <sup>2</sup> .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
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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

<b>Dielectric strength</b>	2000 V primary/earth 2000 V primary/secondary
<b>Standards</b>	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
<b>Product certifications</b>	RMRS BV RINA GL ABS DNV LR
<b>Ambient air temperature for operation</b>	0...60 °C
<b>Ambient air temperature for storage</b>	-25...70 °C
<b>Relative humidity</b>	10...95 % without condensation for operation 5...95 % without condensation for storage
<b>Operating altitude</b>	0...2000 m
<b>Protective treatment</b>	TC
<b>IP degree of protection</b>	IP20
<b>Pollution degree</b>	2

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	6.0 cm
<b>Package 1 Width</b>	18.0 cm
<b>Package 1 Length</b>	26.0 cm
<b>Package 1 Weight</b>	619.0 g

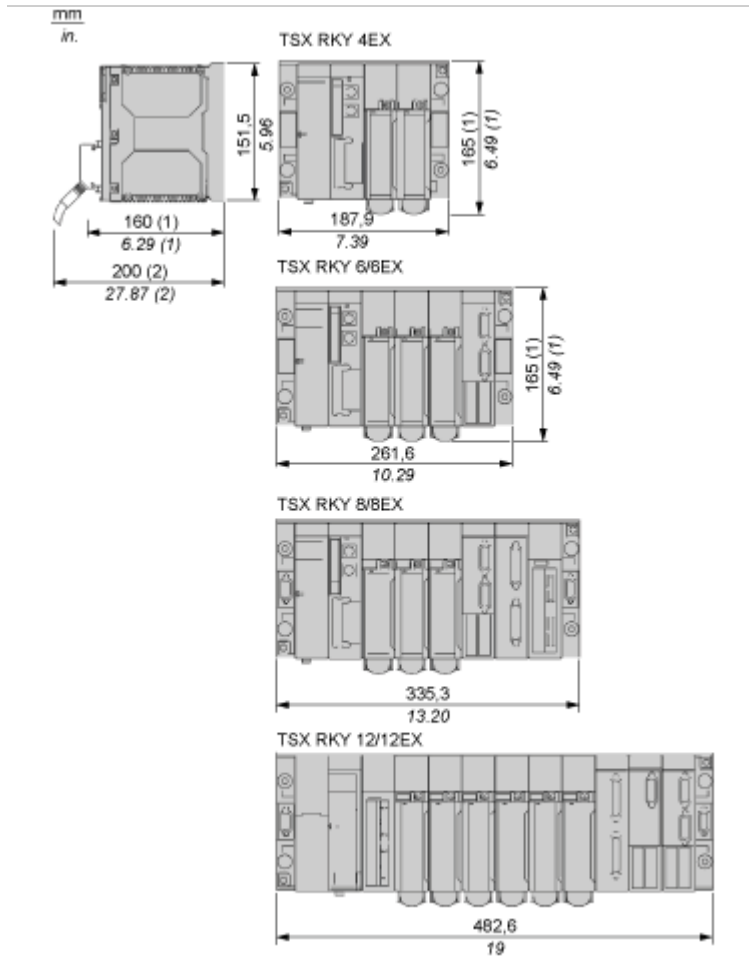
## Contractual warranty

<b>Warranty</b>	18 months
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Dimensions Drawings

Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks



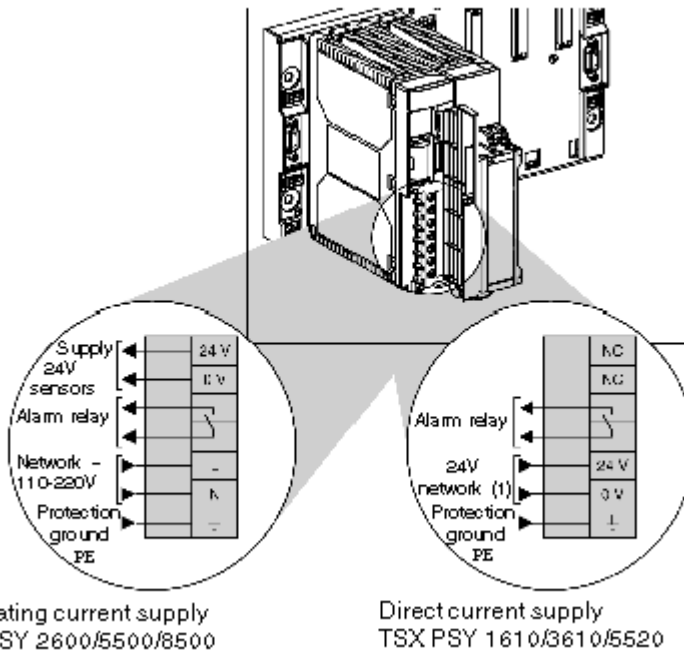
(1) With screw terminal block modules.

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

Connections and Schema

Connecting Power Supply Modules

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