

# Product data sheet

Specifications



## Power supply module, Modicon Premium, input current of 300mA, secondary power of 26W, 85 to 264VAC

TSXPSY2600M

⚠ Discontinued - Service only

⚠ Discontinued on: Dec 2, 2020

⚠ To be end-of-service on: Dec 31, 2026

**Product availability: Non-Stock - Not normally stocked in distribution facility**

### 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<br>500 mA 100 V  |
| Inrush current                 | 37 A 100 V<br>75 A 240 V  |
| I <sup>2</sup> t on activation | 0.63 A <sup>2</sup> .s 100 V<br>2.6 A <sup>2</sup> .s 240 V   |
| It on activation               | 0.034 A.s 100 V<br>0.067 A.s 240 V  |
| Protection type                | Internal fuse 4 A 5 x 20 mm time-delayed primary circuit<br>Overload protection secondary circuit<br>Overvoltage protection secondary circuit<br>Short-circuit protection secondary circuit |
| Total useful secondary power   | 26 W  |
| Secondary power                | 15 W 24 V DC<br>25 W 5 V DC   |
| Current at secondary voltage   | 0.5 A 24 V DC sensor power supply<br>0.6 A 24 V DC relay power supply<br>5 A 5 V DC   |
| Insulation resistance          | >= 100 MOhm primary/ground<br>>= 100 MOhm primary/secondary   |
| Marking                        | CE  |
| Local signalling               | 1 LED (green) for presence of sensor voltage (24V)<br>1 LED (green) for presence of voltages (OK)<br>1 LED (red) for battery fault (BAT)  |
| Module format                  | Standard  |
| Net Weight                     | 1.12 lb(US) (0.51 kg)   |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

## Environment

|                                       |  |
|---------------------------------------|--|
| Immunity to microbreaks               | 10 ms  |
| Dielectric strength                   | 2000 V primary/earth<br>2000 V primary/secondary   |
| Standards                             | CSA C22.2 No 142<br>CSA C22.2 No 213 Class I Division 2 Group A<br>IEC 61131-2<br>UL 508<br>89/336/EEC<br>CSA C22.2 No 213 Class I Division 2 Group B<br>92/31/EEC<br>93/68/EEC<br>CSA C22.2 No 213 Class I Division 2 Group D<br>73/23/EEC<br>CSA C22.2 No 213 Class I Division 2 Group C |
| Product Certifications                | RMRS<br>BV<br>RINA<br>GL<br>ABS<br>DNV<br>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<br>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          | US1PC2222558  |
| Discount Schedule | PC22          |
| GTIN              | 3389110725605 |
| Returnability     | No            |

## Packing Units

|                        |                   |
|------------------------|-------------------|
| Unit Type of Package 1 | PCE               |
| Nbr. of units in pkg.  | 1                 |
| Package 1 Height       | 2.4 in (6.0 cm)   |
| Package 1 Width        | 7.09 in (18.0 cm) |
| Package 1 Length       | 10.2 in (26.0 cm) |
| Package weight(Lbs)    | 21.8 oz (619.0 g) |

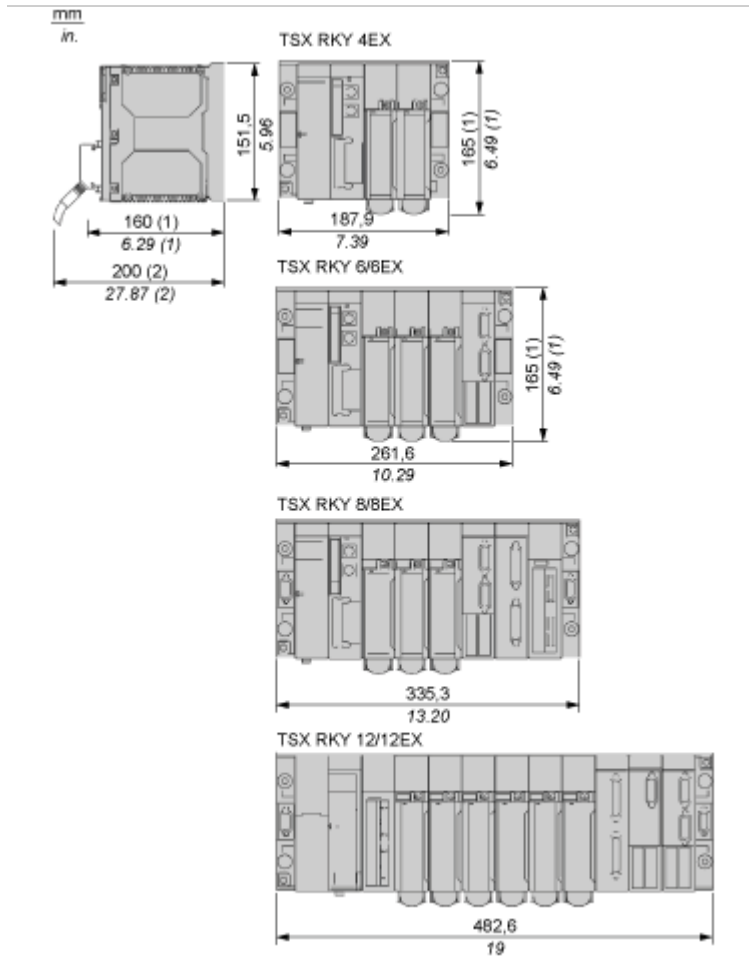
## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|

Dimensions Drawings

Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks



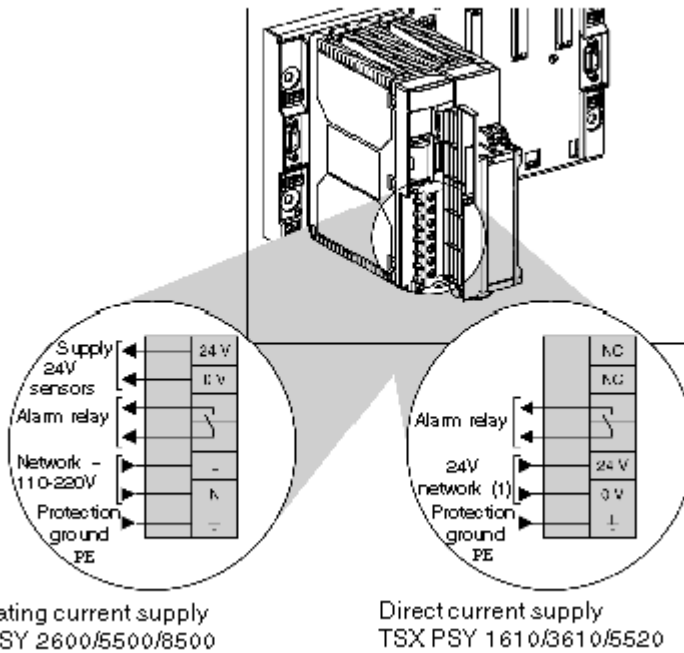
(1) With screw terminal block modules.

(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.