

# Product data sheet

Specifications



**Power supply module, Modicon Premium, input current of 1500mA, secondary power of 50W, 19.2 to 60VDC**

TSXPSY5520M

ⓘ Discontinued - Service only

ⓘ Discontinued on: Dec 2, 2020

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

## Main

Range of Product Modicon Premium Automation platform

Product or Component Type Power supply module

## Complementary

Primary voltage	24...48 V DC 19.2...60 V
Input current	<= 1500 mA 48 V <= 3000 mA 24 V
Inrush current	15 A 24 V 15 A 48 V
I <sup>2</sup> t on activation	50 A <sup>2</sup> .s 24 V 55 A <sup>2</sup> .s 48 V
I <sub>t</sub> on activation	6 A.s 48 V 7 A.s 24 V
Protection type	Internal fuse 5 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	50 W
Secondary power	19 W 24 V DC 35 W 5 V DC
Current at secondary voltage	0.8 A 24 V DC relay power supply 7 A 5 V DC
Insulation resistance	>= 10 mOhm primary/ground >= 10 mOhm primary/secondary
Marking	CE
Local signalling	1 LED (green) for presence of voltages (OK) 1 LED (red) for battery fault (BAT)
Module format	Double
Net Weight	1.96 lb(US) (0.89 kg)

## Environment

Immunity to microbreaks	1 ms
Dielectric strength	2000 V primary/earth 2000 V primary/secondary

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

<b>Standards</b>	CSA C22.2 No 213 Class I Division 2 Group D 93/68/EEC CSA C22.2 No 213 Class I Division 2 Group C 89/336/EEC UL 508 73/23/EEC 92/31/EEC CSA C22.2 No 142 IEC 61131-2 CSA C22.2 No 213 Class I Division 2 Group B CSA C22.2 No 213 Class I Division 2 Group A
<b>Product Certifications</b>	RMRS DNV LR ABS RINA GL BV
<b>Ambient Air Temperature for Operation</b>	32...140 °F (0...60 °C)
<b>Ambient Air Temperature for Storage</b>	-13...158 °F (-25...70 °C)
<b>Relative Humidity</b>	10...95 % without condensation for operation 5...95 % without condensation for storage
<b>Operating altitude</b>	0...6561.68 ft (0...2000 m)
<b>Protective treatment</b>	TC
<b>IP Degree of Protection</b>	IP20
<b>Pollution degree</b>	2

## Ordering and shipping details

<b>Category</b>	22558-TSX PREMIUM, ATRIUM & PL7 PRO
<b>Discount Schedule</b>	PC22
<b>GTIN</b>	3389110725636
<b>Returnability</b>	No
<b>Country of origin</b>	FR

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	3.7 in (9.5 cm)
<b>Package 1 Width</b>	7.09 in (18.0 cm)
<b>Package 1 Length</b>	10.2 in (26.0 cm)
<b>Package weight(Lbs)</b>	2.25 lb(US) (1.02 kg)

## Contractual warranty

<b>Warranty (in months)</b>	18
-----------------------------	----



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

## Use Better

### Materials and Substances

California proposition 65

**WARNING:** This product can expose you to chemicals including: Lead and lead compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)

## Use Longer

### Lifetime extension

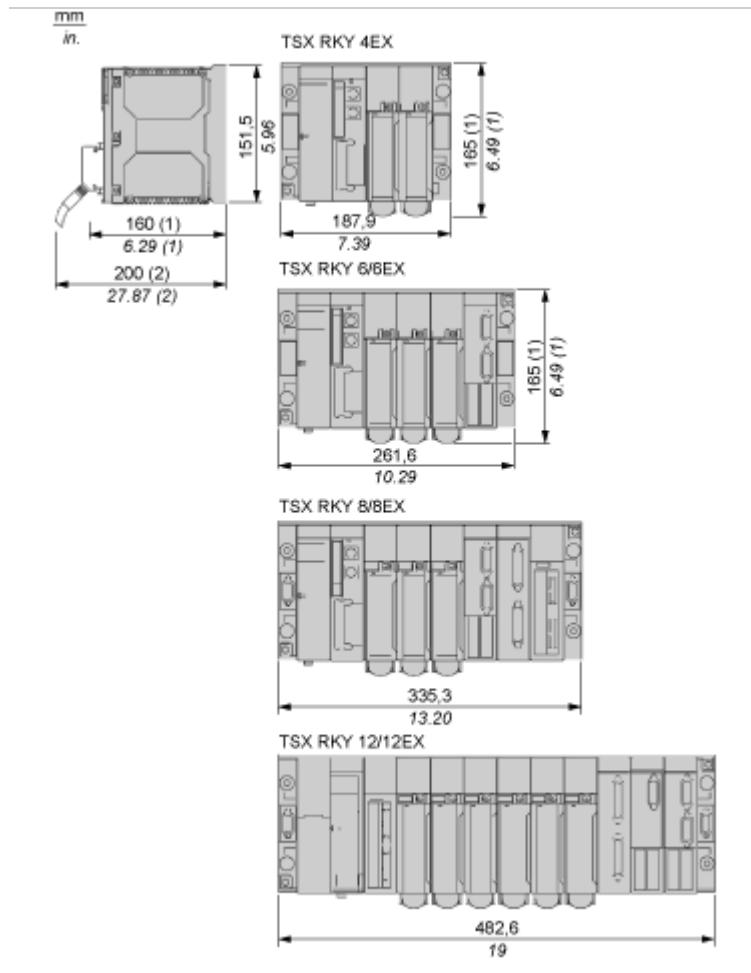
Repair

No

## Dimensions Drawings

Standard and Extendable Racks for Modules Mounting

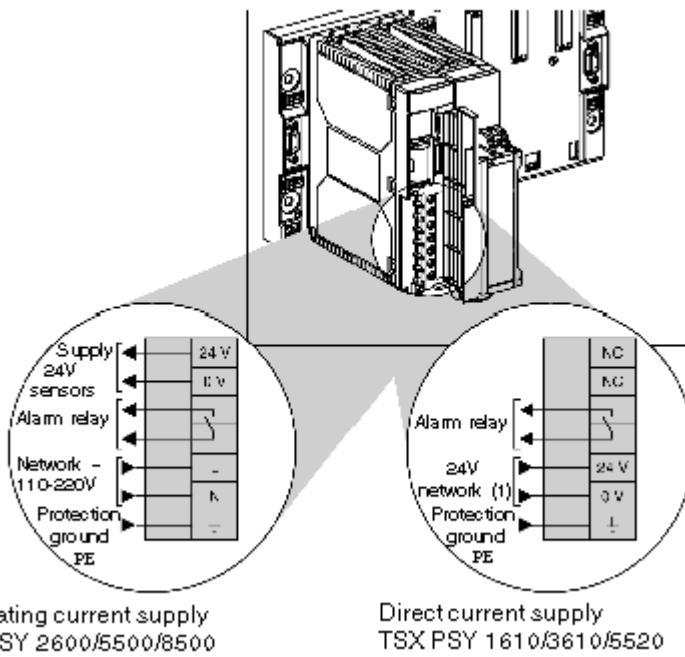
## Dimensions of Modules and Racks



(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.