

# Product data sheet

## Characteristics

# TSXPSY5500M

power supply module - 24 V DC - 500/1700 mA - 19 W

Product availability: Stock - Normally stocked in distribution facility

Price\*: 1649.00 USD



## Main

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

## Complementary

Primary voltage	200...240 V AC 190...264 V 100...120 V AC 85...140 V
Network frequency	50/60 Hz
Network frequency limits	47...63 Hz
Power supply input current	500 mA 240 V 1700 mA 100 V
Inrush current	38 A 240 V 38 A 100 V
I <sup>2</sup> t on activation	4 A <sup>2</sup> .s 100 V 2 A <sup>2</sup> .s 240 V
It on activation	0.11 A.s 240 V 0.11 A.s 100 V
Protection type	Short-circuit protection secondary circuit Overvoltage protection secondary circuit Overload protection secondary circuit Internal fuse 4 A 5 x 20 mm time-delayed primary circuit
Total useful secondary power	50 W
Secondary power	35 W 5 V DC 19 W 24 V DC
Current at secondary voltage	7 A 5 V DC 0.8 A 24 V DC sensor power supply 0.8 A 24 V DC relay power supply
Insulation resistance	>= 100 MOhm primary/secondary >= 100 MOhm primary/ground
Marking	CE
Local signalling	1 LED red battery fault (BAT) 1 LED green presence of voltages (OK) 1 LED green presence of sensor voltage (24V)
Module format	Double
Product weight	1.37 lb(US) (0.62 kg)

## Environment

Immunity to microbreaks	<= 10 ms
Dielectric strength	2000 V primary/secondary 2000 V primary/earth
Standards	73/23/EEC 89/336/EEC 92/31/EEC 93/68/EEC CSA C22.2 No 142 IEC 61131-2 UL 508 CSA C22.2 No 213 Class I Division 2 Group A CSA C22.2 No 213 Class I Division 2 Group B CSA C22.2 No 213 Class I Division 2 Group C CSA C22.2 No 213 Class I Division 2 Group D
Product certifications	ABS BV DNV GL LR RINA RMRS
Ambient air temperature for operation	32...140 °F (0...60 °C)
Ambient air temperature for storage	-13...158 °F (-25...70 °C)
Relative humidity	5...95 % without condensation for storage 10...95 % without condensation for operation
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	22558 - TSX PREMIUM, ATRIUM & PL7 PRO
Discount Schedule	PC22
GTIN	00785901725626
Nbr. of units in pkg.	1
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	FR

## Offer Sustainability

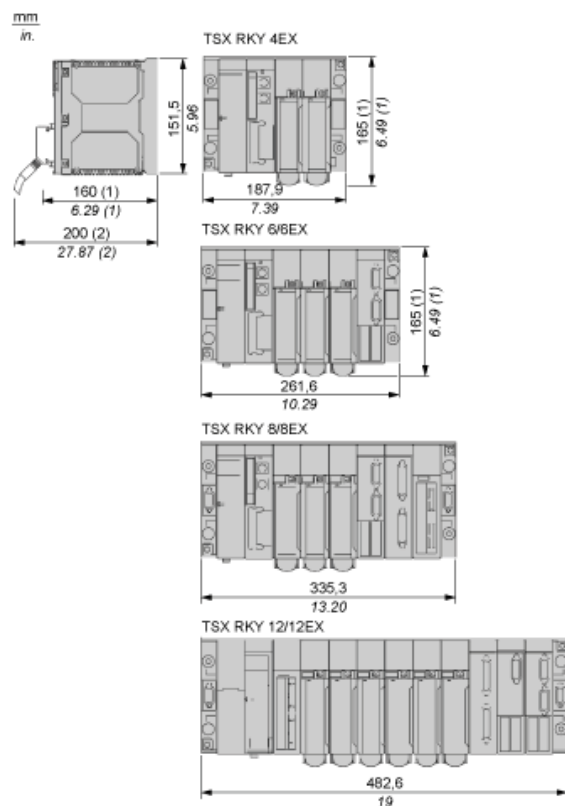
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0943 - <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference contains SVHC above the threshold - <a href="#">go to CaP for more details</a>
Product end of life instructions	Need no specific recycling operations

## Contractual warranty

Warranty period	18 months
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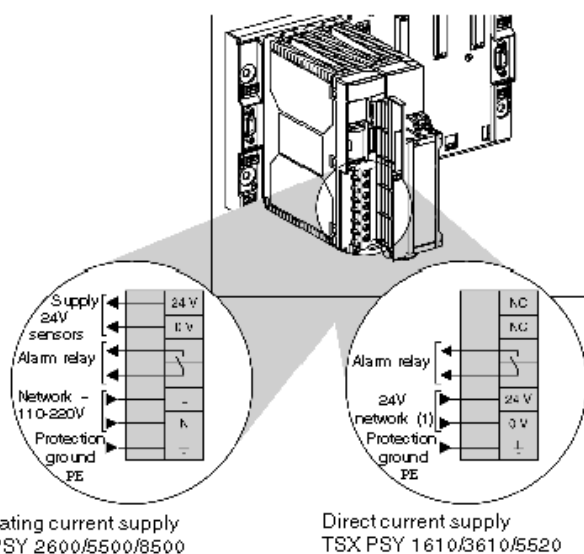
## Standard and Extendable Racks for Modules Mounting

### 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.