

Product data sheet

Characteristics

TSXPSY5520MC

power supply module - 24..48 V DC - <= 1500/<= 3000 mA - IP20

Product availability : Stock - Normally stocked in distribution facility

Price* : 2087.25 USD



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 ² t on activation	50 A ² .s 24 V 55 A ² .s 48 V
It 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/secondary >= 10 mOhm primary/ground
Marking	CE
Local signalling	1 LED green presence of voltages (OK) 1 LED red battery fault (BAT)
Module format	Double
Product weight	1.96 lb(US) (0.89 kg)

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

Environment

Immunity to microbreaks	<= 1 ms
Dielectric strength	2000 V primary/earth 2000 V primary/secondary
Standards	CSA C22.2 No 213 Class I Division 2 Group B 92/31/EEC CSA C22.2 No 213 Class I Division 2 Group A UL 508 IEC 61131-2 CSA C22.2 No 213 Class I Division 2 Group C CSA C22.2 No 142 93/68/EEC CSA C22.2 No 213 Class I Division 2 Group D 89/336/EEC 73/23/EEC
Product certifications	ABS GL RINA RMRS BV DNV 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 5...95 % without condensation for storage
Operating altitude	0...6561.68 ft (0...2000 m)
Protective treatment	TC Conformal coating Humiseal 1A33
IP degree of protection	IP20
Pollution degree	2

Ordering and shipping details

Category	22558 - TSX PREMIUM, ATRIUM & PL7 PRO
Discount Schedule	PC22
GTIN	00785901946250
Nbr. of units in pkg.	1
Package weight(Lbs)	2.2000000000000002
Returnability	N
Country of origin	FR

Offer Sustainability

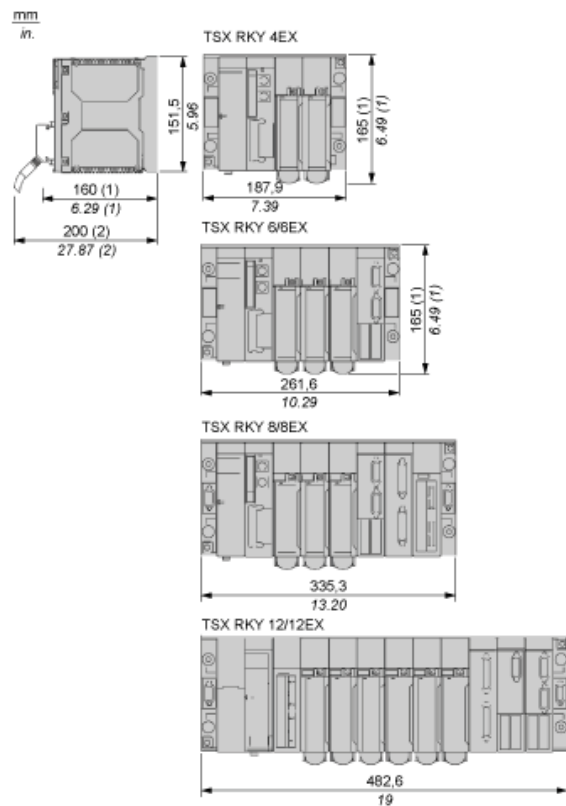
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0905 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
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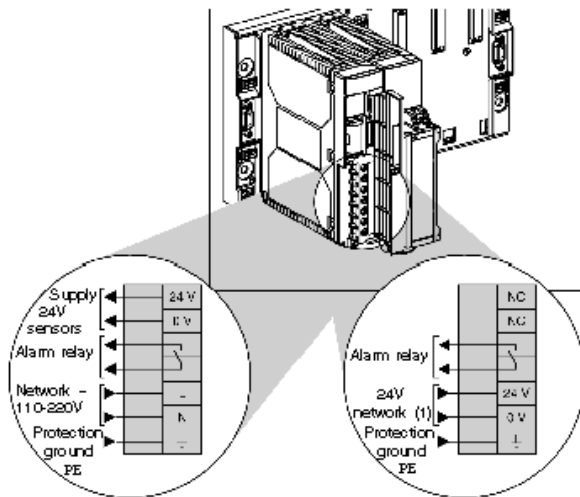
Standard and Extendable Racks for Modules Mounting

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



Alternating current supply
TSX PSY 2600/5500/8500

Direct current supply
TSX PSY 1610/3610/5520

(1) 24...48Vdc for the TSXPSY5520 supply module.

Provide a protection device and a switch gear upstream of the PLC station.