



Main

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

Complementary

Primary voltage	100...120 V AC 85...140 V 200...240 V AC 170...264 V
Network frequency	50/60 Hz
Network frequency limits	47...63 Hz
Input current	1700 mA 100 V 500 mA 240 V
Inrush current	30 A 100 V 60 A 240 V
I ² t on activation	15 A ² .s 100 V 8 A ² .s 240 V
It on activation	0.15 A.s 100 V 0.15 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	100 W at 131 °F (55 °C) with fan module 77 W at 140 °F (60 °C) 85 W at 131 °F (55 °C)
Secondary power	75 W 5 V DC
Current at secondary voltage	1.6 A 24 V DC sensor power supply 15 A 5 V DC
Insulation resistance	>= 100 MOhm primary/ground >= 100 MOhm primary/secondary
Marking	CE

Local signalling	1 LED green presence of sensor voltage (24V) 1 LED green presence of voltages (OK) 1 LED red battery fault (BAT)
Module format	Double
Product weight	1.63 lb(US) (0.74 kg)

Environment

Immunity to microbreaks	<= 10 ms
Dielectric strength	2000 V primary/earth 2000 V primary/secondary
Standards	CSA C22.2 No 213 Class I Division 2 Group C CSA C22.2 No 213 Class I Division 2 Group A 89/336/EEC CSA C22.2 No 142 UL 508 92/31/EEC CSA C22.2 No 213 Class I Division 2 Group B 93/68/EEC IEC 61131-2 CSA C22.2 No 213 Class I Division 2 Group D 73/23/EEC
Product certifications	RINA DNV GL LR RMRS BV ABS
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
IP degree of protection	IP20
Pollution degree	2

Ordering and shipping details

Category	22558 - TSX PREMIUM, ATRIUM & PL7 PRO
Discount Schedule	PC22
GTIN	00785901622000
Nbr. of units in pkg.	1
Package weight(Lbs)	2.21
Returnability	N
Country of origin	FR

Offer Sustainability

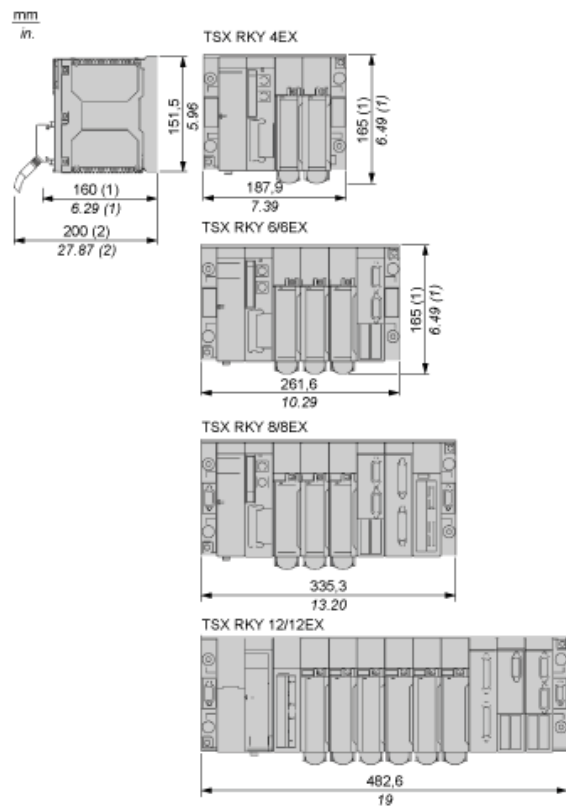
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1027 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
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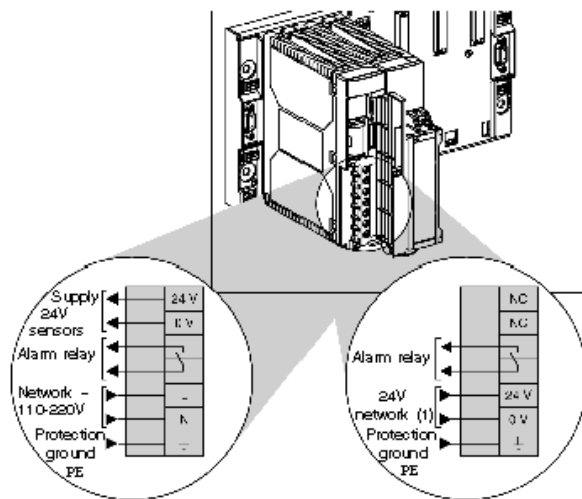
Standard and Extendable Racks for Modules Mounting

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.