



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
I _t 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 55 °C with fan module 77 W at 60 °C 85 W at 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	0.74 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	<= 10 ms
Dielectric strength	2000 V primary/earth 2000 V primary/secondary
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	0...60 °C
Ambient air temperature for storage	-25...70 °C
Relative humidity	10...95 % without condensation for operation 5...95 % without condensation for storage
Operating altitude	0...2000 m
Protective treatment	TC
IP degree of protection	IP20
Pollution degree	2

Offer Sustainability

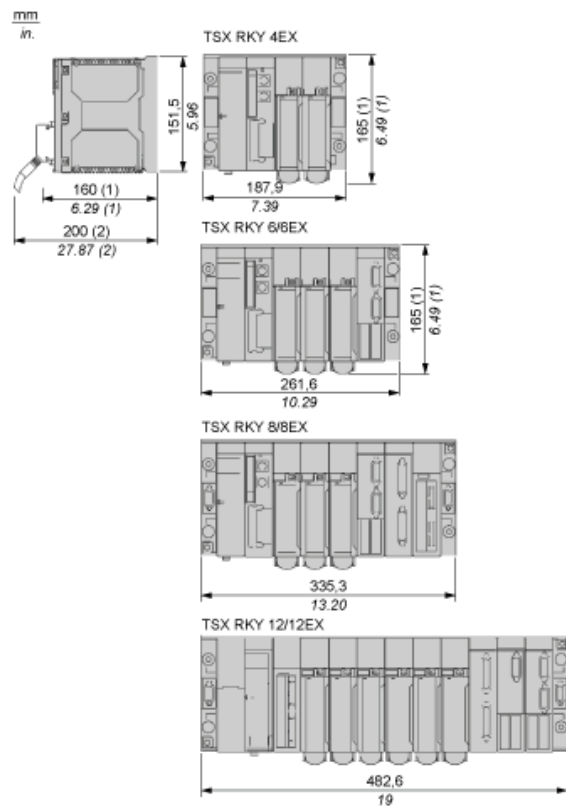
RoHS (date code: YYWW)	Compliant - since 1027 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling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

Contractual warranty

Warranty period	18 months
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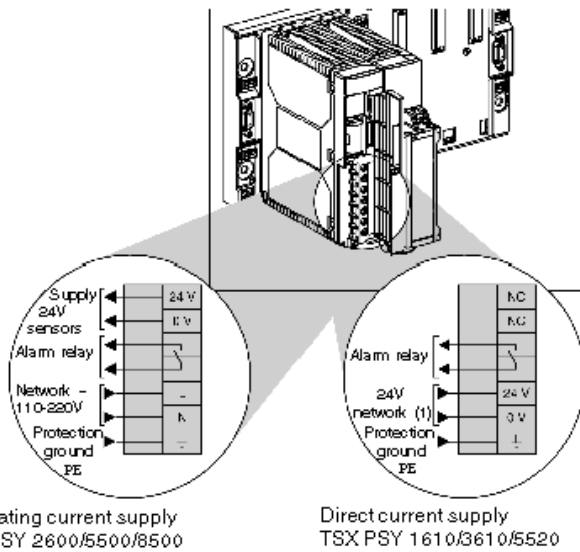
Standard and Extendable Racks for Modules Mounting

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



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

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

TSXPSY8500M is replaced by:



Standard environment BMXCPS4002

power supply module X80 - 100..240 V AC

Qty 1

Reason for Substitution: End of life | Substitution date: 31 December 2018 | Not same dimensions/design