



### Main

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

### Complementary


Primary voltage	100...240 V AC 85...264 V
Network frequency	50/60 Hz
Network frequency limits	47...63 Hz
Power supply input current	300 mA 240 V 500 mA 100 V
Inrush current	37 A 100 V 75 A 240 V
I <sup>2</sup> t on activation	0.63 A <sup>2</sup> .s 100 V 2.6 A <sup>2</sup> .s 240 V
It on activation	0.034 A.s 100 V 0.067 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	26 W
Secondary power	15 W 24 V DC 25 W 5 V DC
Current at secondary voltage	0.5 A 24 V DC sensor power supply 0.6 A 24 V DC relay power supply 5 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	Standard
Product weight	0.51 kg

## Environment

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

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0951 - Schneider Electric declaration of conformity  <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product end of life instructions	Need no specific recycling operations

## Contractual warranty

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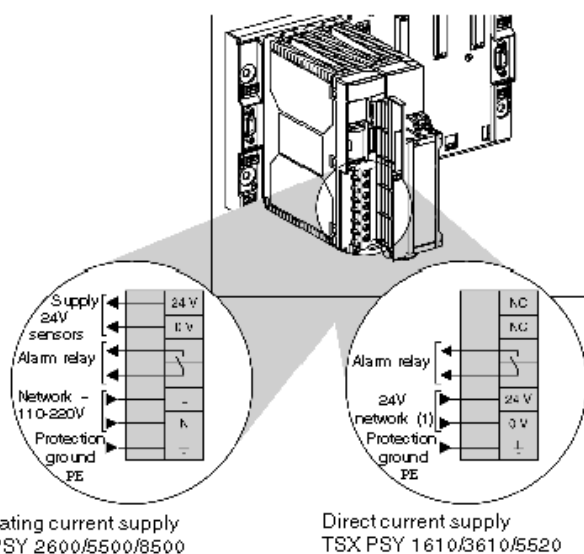
## Standard and Extendable Racks for Modules Mounting

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### 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.