

Product datasheet

Characteristics

TSXPSY2600M

power supply module - 100..240 V AC - 300/500 mA - IP20



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^2t on activation	0.63 A ² .s 100 V 2.6 A ² .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 M Ω primary/ground ≥ 100 M Ω 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 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

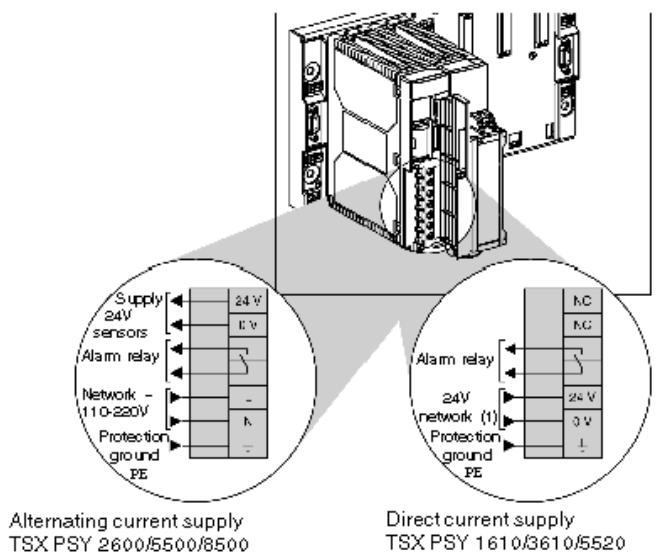
Warranty period	18 months
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Standard and Extendable Racks for Modules Mounting

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.