



Main

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

Complementary

Primary voltage	200...240 V AC 170...264 V 100...120 V AC 85...140 V
Network frequency	50/60 Hz
Network frequency limits	47...63 Hz
Power supply input current	500 mA 240 V 1700 mA 100 V
Inrush current	60 A 240 V 30 A 100 V
I ² t on activation	8 A ² .s 240 V 15 A ² .s 100 V
It on activation	0.15 A.s 240 V 0.15 A.s 100 V
Protection type	Short-circuit protection secondary circuit Overvoltage protection secondary circuit Overload protection secondary circuit Internal fuse 4 A 5 x 20 mm time-delayed primary circuit
Total useful secondary power	85 W at 55 °C 77 W at 60 °C 100 W at 55 °C with fan module
Secondary power	75 W 5 V DC
Current at secondary voltage	15 A 5 V DC 1.6 A 24 V DC sensor power supply
Insulation resistance	>= 100 MOhm primary/secondary >= 100 MOhm primary/ground
Marking	CE
Local signalling	1 LED red battery fault (BAT) 1 LED green presence of voltages (OK) 1 LED green presence of sensor voltage (24V)
Module format	Double
Product weight	0.74 kg

Environment

Immunity to microbreaks	<= 10 ms
Dielectric strength	2000 V primary/secondary 2000 V primary/earth
Standards	73/23/EEC 89/336/EEC 92/31/EEC 93/68/EEC CSA 22-2 No 142 CSA 22-2 No 213 Class I Division 2 Group A CSA 22-2 No 213 Class I Division 2 Group B CSA 22-2 No 213 Class I Division 2 Group C CSA 22-2 No 213 Class I Division 2 Group D IEC 61131-2 UL 508
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	5...95 % without condensation for storage 10...95 % without condensation for operation
Operating altitude	0...2000 m
Protective treatment	Conformal coating Humiseal 1A33 TC
IP degree of protection	IP20
Pollution degree	2

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Will not be Compliant

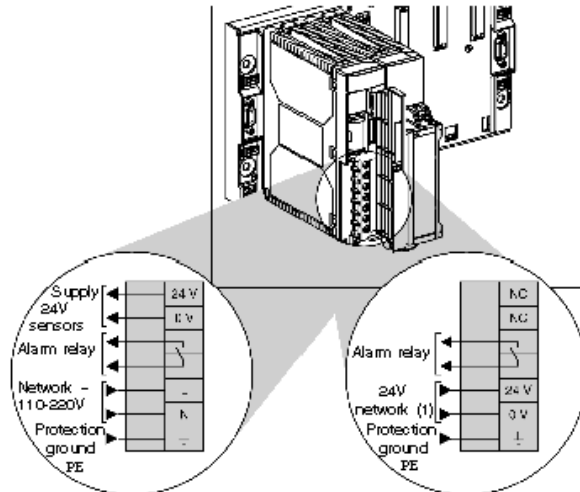
Standard and Extendable Racks for Modules Mounting

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.