



## 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 <sup>2</sup> t on activation	15 A <sup>2</sup> .S 100 V 8 A <sup>2</sup> .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 131 °F (55 °C) with fan module 77 W 140 °F (60 °C) 85 W 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	Presence of sensor voltage (24V) 1 LED green) Presence of voltages (OK) 1 LED green) Battery fault (BAT) 1 LED red)
Module format	Double
Net 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 142 73/23/EEC 89/336/EEC 92/31/EEC CSA C22.2 No 213 Class I Division 2 Group D CSA C22.2 No 213 Class I Division 2 Group A UL 508 CSA C22.2 No 213 Class I Division 2 Group C CSA C22.2 No 213 Class I Division 2 Group B IEC 61131-2 93/68/EEC
Product certifications	DNV BV RMRS GL RINA ABS LR
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 lb(US) (1.00 kg)
Returnability	No
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.54 in (9 cm)
Package 1 width	7.09 in (18 cm)
Package 1 Length	10.24 in (26 cm)

## Contractual warranty

Warranty	18 months
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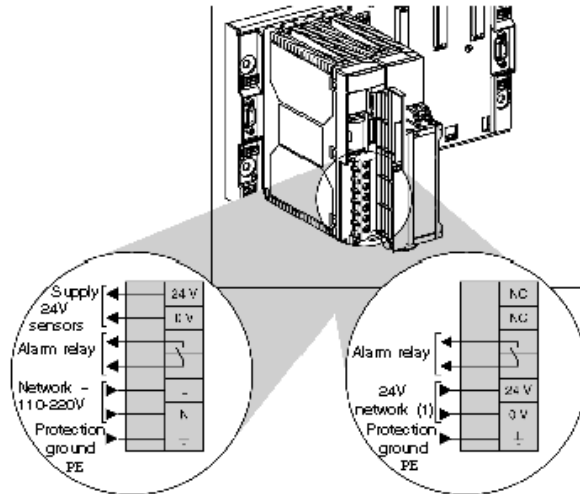
Standard and Extendable Racks for Modules Mounting

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.