

Product data sheet

Characteristics

TSXPSY1610M

power supply module - 24 V DC - <= 1500 mA - IP20

Product availability: Stock - Normally stocked in distribution facility

Price*: 632.00 USD



Main

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

Complementary

Primary voltage	24 V DC 19.2...30 V
Power supply input current	<= 1500 mA 24 V
Inrush current	100 A 24 V
I ² t on activation	12.5 A ² .s
It on activation	0.2 A.s
Protection type	Short-circuit protection secondary circuit Overvoltage protection secondary circuit Overload protection secondary circuit Internal fuse 3.5 A 5 x 20 mm time-delayed primary circuit
Total useful secondary power	30 W
Secondary power	15 W 5 V DC 15 W 24 V DC
Current at secondary voltage	3 A 5 V DC 0.6 A 24 V DC relay power supply
Marking	CE
Local signalling	1 LED red battery fault (BAT) 1 LED green presence of voltages (OK)
Module format	Standard
Product weight	1.19 lb(US) (0.54 kg)

Environment

Immunity to microbreaks	<= 1 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 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	32...140 °F (0...60 °C)
Ambient air temperature for storage	-13...158 °F (-25...70 °C)
Relative humidity	5...95 % without condensation for storage 10...95 % without condensation for operation
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	00785901725596
Nbr. of units in pkg.	1
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	FR

Offer Sustainability

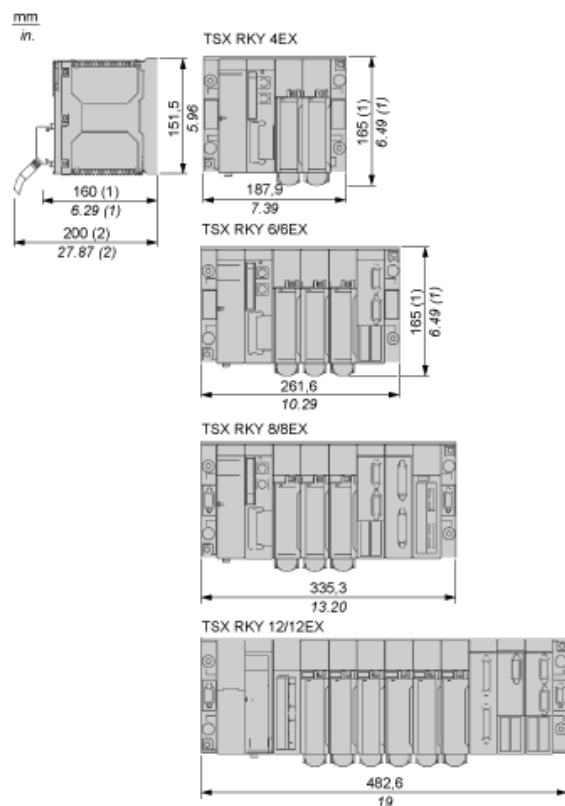
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0842 - Schneider Electric declaration of conformity
REACH	Reference contains SVHC above the threshold - go to CaP for more details
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
-----------------	-----------

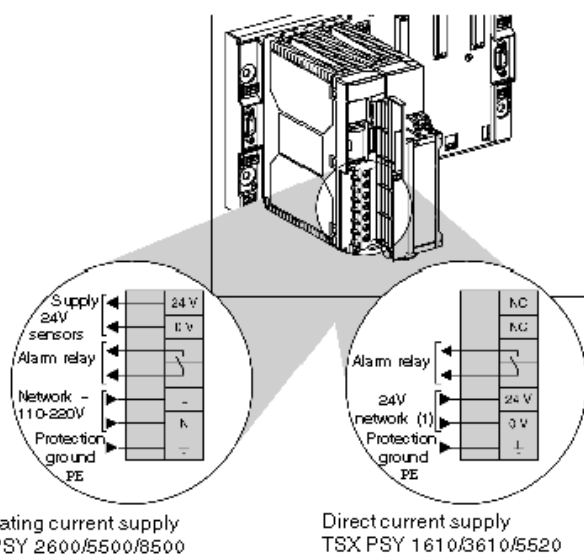
Standard and Extendable Racks for Modules Mounting

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.