



Main

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

Complementary

Primary voltage	24...48 V DC 19.2...60 V
Power supply input current	≤ 3000 mA 24 V ≤ 1500 mA 48 V
Inrush current	15 A 48 V 15 A 24 V
I ² t on activation	55 A ² .s 48 V 50 A ² .s 24 V
It on activation	7 A.s 24 V 6 A.s 48 V
Protection type	Short-circuit protection secondary circuit Overvoltage protection secondary circuit Overload protection secondary circuit Internal fuse 5 A 5 x 20 mm time-delayed primary circuit
Total useful secondary power	50 W
Secondary power	35 W 5 V DC 19 W 24 V DC
Current at secondary voltage	7 A 5 V DC 0.8 A 24 V DC relay power supply
Insulation resistance	≥ 10 MOhm primary/secondary ≥ 10 MOhm primary/ground
Marking	CE
Local signalling	1 LED red battery fault (BAT) 1 LED green presence of voltages (OK)
Module format	Double
Product weight	0.89 kg

Environment

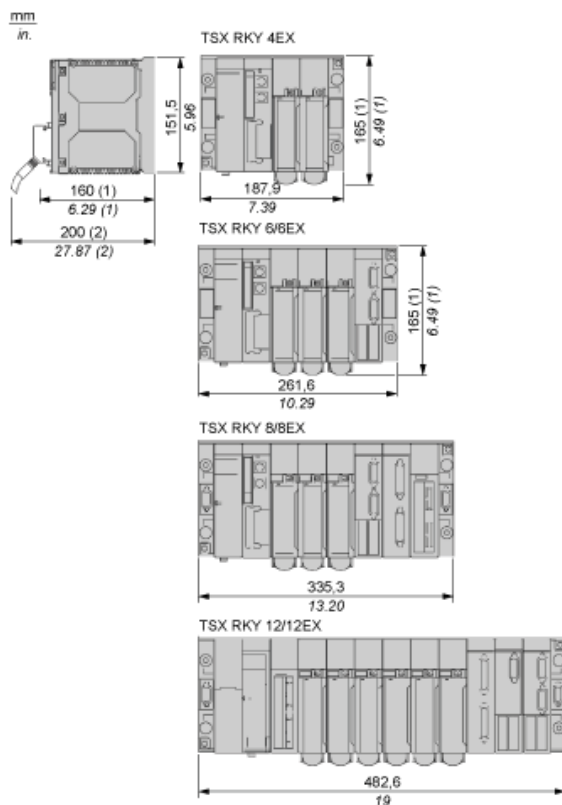
Immunity to microbreaks	<= 1 ms
Dielectric strength	2000 V primary/secondary 2000 V primary/earth
Standards	73/23/EEC 89/336/EEC 92/31/EEC 93/68/EEC CSA 22-2 No 142 CSA 22-2 No 213 Class I Division 2 Group A CSA 22-2 No 213 Class I Division 2 Group B CSA 22-2 No 213 Class I Division 2 Group C CSA 22-2 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	Compliant - since 0905 - Schneider Electric declaration of conformity download declaration of conformity

Standard and Extendable Racks for Modules Mounting

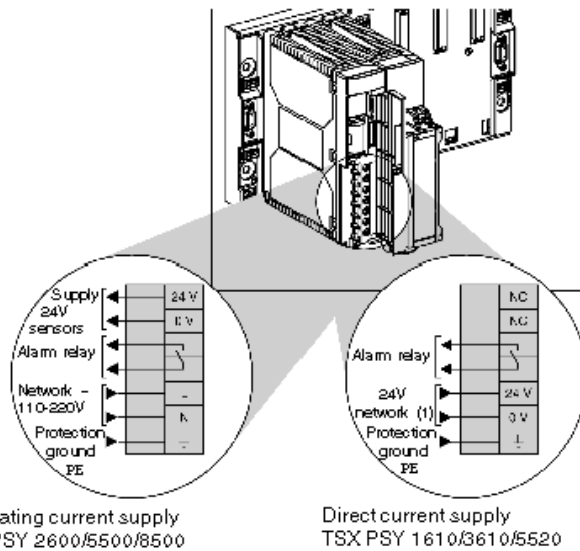
Dimensions of Modules and Racks



(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.