



Main

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

Complementary

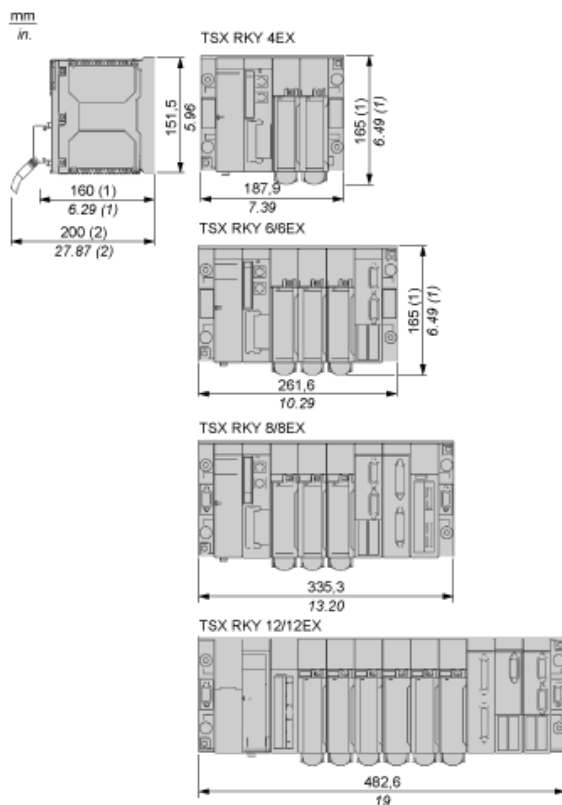
Primary voltage	100...240 V AC 85...264 V
Network frequency	50/60 Hz
Network frequency limits	47...63 Hz
Power supply input current	500 mA 100 V 300 mA 240 V
Inrush current	75 A 240 V 37 A 100 V
I ² t on activation	2.6 A ² .s 240 V 0.63 A ² .s 100 V
It on activation	0.067 A.s 240 V 0.034 A.s 100 V
Protection 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	26 W
Secondary power	25 W 5 V DC 15 W 24 V DC
Current at secondary voltage	5 A 5 V DC 0.6 A 24 V DC relay power supply 0.5 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	Standard
Product weight	0.51 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

Standard and Extendable Racks for Modules Mounting

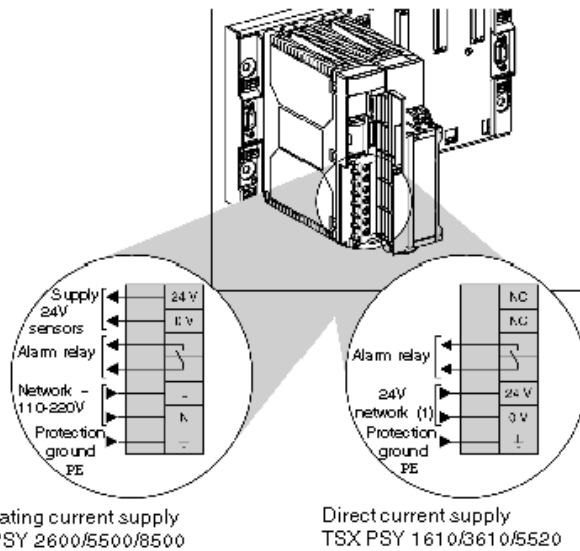
Dimensions of Modules and Racks



(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.