



### Main

Range of product	Modicon Premium Automation platform
Product or component type	Analog input module
Input level	High level
Analogue input number	16
Analogue input type	Current 0...20 mA Current 4...20 mA Voltage +/- 10 V Voltage 0...10 V Voltage 0...5 V Voltage 1...5 V
Analog/Digital conversion	12 bits

### Complementary

Nominal read cycle time	51 ms
Fast read cycle time	3 ms + 3 ms x number of channels used
Measurement error	0.1 % of full scale +/- 10 V 25 °C 0.1 % of full scale 0...10 V 25 °C 0.1 % of full scale 0...5 V 25 °C 0.1 % of full scale 1...5 V 25 °C 0.13 % of full scale +/- 10 V 0...60 °C 0.13 % of full scale 0...10 V 0...60 °C 0.13 % of full scale 0...5 V 0...60 °C 0.13 % of full scale 1...5 V 0...60 °C 0.16 % of full scale 0...20 mA 25 °C 0.16 % of full scale 4...20 mA 25 °C 0.32 % of full scale 0...20 mA 0...60 °C 0.32 % of full scale 4...20 mA 0...60 °C
Isolation between channels and bus	1000 Vrms
Isolation between channels and ground	1000 Vrms
Isolation between channels	Common point
Common mode between channels	None
Input overvoltage protection	-15...15 V at state 0 250 kOhm

	-30...30 V at state 1 250 kOhm
Electrical connection	2 connectors SUB-D 25
Overcurrent	-30...30 mA at state 1 250 kOhm
Marking	CE
Current consumption	270 mA 5 V DC
Module format	Standard
Product weight	0.34 kg

## Environment

Standards	IEC 1131
Product certifications	ABS RINA BV DNV GL RMRS LR
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-25...70 °C
Relative humidity	10...95 % without condensation for operation 5...95 % without condensation for storage
Operating altitude	0...2000 m
Protective treatment	TC
IP degree of protection	IP20
Pollution degree	2

## Offer Sustainability

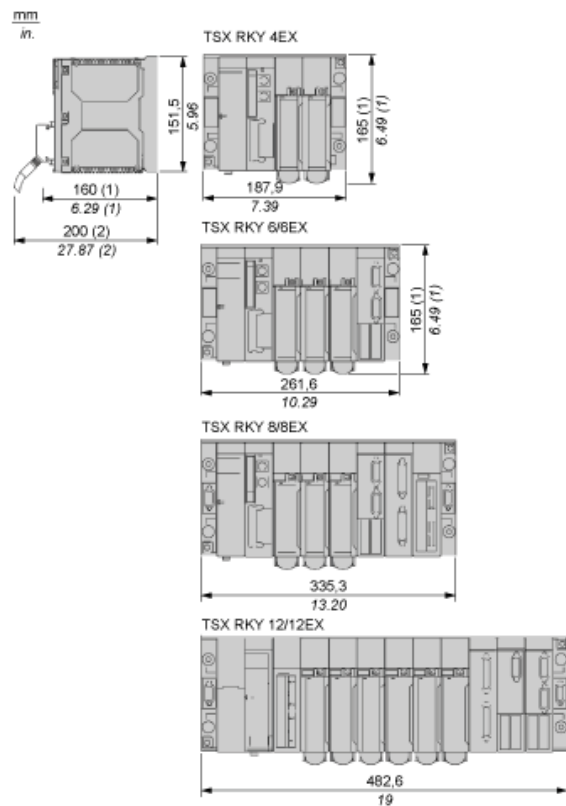
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0848 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product end of life instructions	Need no specific recycling operations

## Contractual warranty

Warranty period	18 months
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## Standard and Extendable Racks for Modules Mounting

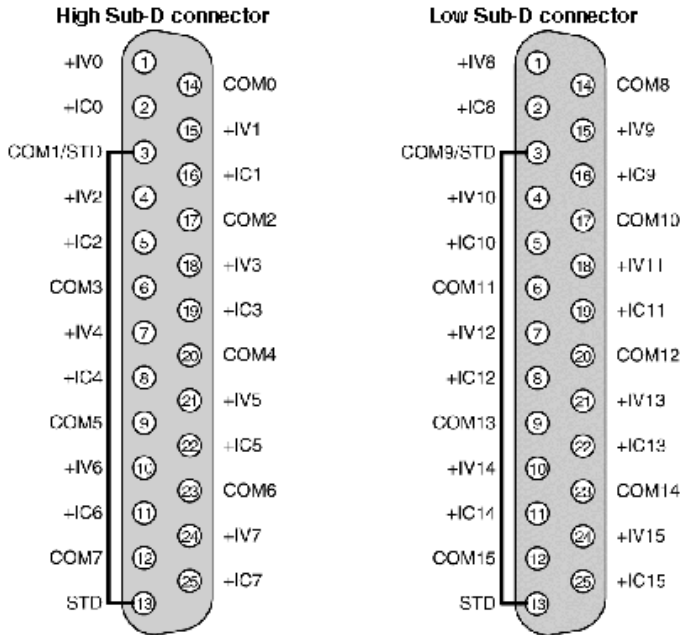
### Dimensions of Modules and Racks



- (1) With screw terminal block modules.
- (2) Maximum depth for all types of modules and their associated connectors.

Analog Input Module (16-Channel, Voltage/Current)

Connector Pin Assignment



+IVx + Pole voltage input of channel x  
 +ICx + Pole current input of channel x  
 COMx - Pole current or voltage input of channel x  
 STD The "strap" between pins 3 and 13 detects the unplugging of the connector.

NOTE: The COMx pins are linked internally in the module.