

TSXAEY810C

analog input module - 8 low level input - current, voltage - 16 bits

Product availability : Stock - Normally stocked in distribution facility

Price* : 3519.00 USD



Main

Range of product	Modicon Premium Automation platform
Product or component type	Analog input module
Input level	Low level
Analogue input number	8
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	16 bits

Complementary

Nominal read cycle time	29.7 ms
Fast read cycle time	3.3 ms + 3.3 ms x number of channels used
Measurement error	0.12 % of full scale 0...20 mA 0...60 °C 0.12 % of full scale 4...20 mA 0...60 °C 0.13 % of full scale 0...5 V 25 °C 0.13 % of full scale 1...5 V 25 °C 0.142 % of full scale 0...20 mA 25 °C 0.142 % of full scale 4...20 mA 25 °C 0.191 % of full scale 0...5 V 0...60 °C 0.191 % of full scale 1...5 V 0...60 °C 0.244 % of full scale +/- 10 V 25 °C 0.244 % of full scale 0...10 V 25 °C 0.305 % of full scale +/- 10 V 0...60 °C 0.305 % of full scale 0...10 V 0...60 °C
Isolation between channels and bus	1000 Vrms
Isolation between channels and ground	1000 Vrms
Isolation between channels	+/- 200 V

Common mode between channels	+/- 200
Input overvoltage protection	-15...15 V at state 0 250 Ohm -30...30 V at state 1 250 Ohm
Electrical connection	1 connector SUB-D 25
Overcurrent	-30...30 mA at state 1 250 kOhm
Marking	CE
Current consumption	475 mA 5 V DC
Module format	Standard
Product weight	0.73 lb(US) (0.33 kg)

Environment

Standards	IEC 1131
Product certifications	DNV ABS BV 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	10...95 % without condensation for operation 5...95 % without condensation for storage
Operating altitude	0...6561.68 ft (0...2000 m)
Protective treatment	TC Conformal coating Humiseal 1A33
IP degree of protection	IP20
Pollution degree	2

Ordering and shipping details

Category	22558 - TSX PREMIUM, ATRIUM & PL7 PRO
Discount Schedule	PC22
Nbr. of units in pkg.	1
Package weight(Lbs)	1
Returnability	N
Country of origin	FR

Offer Sustainability

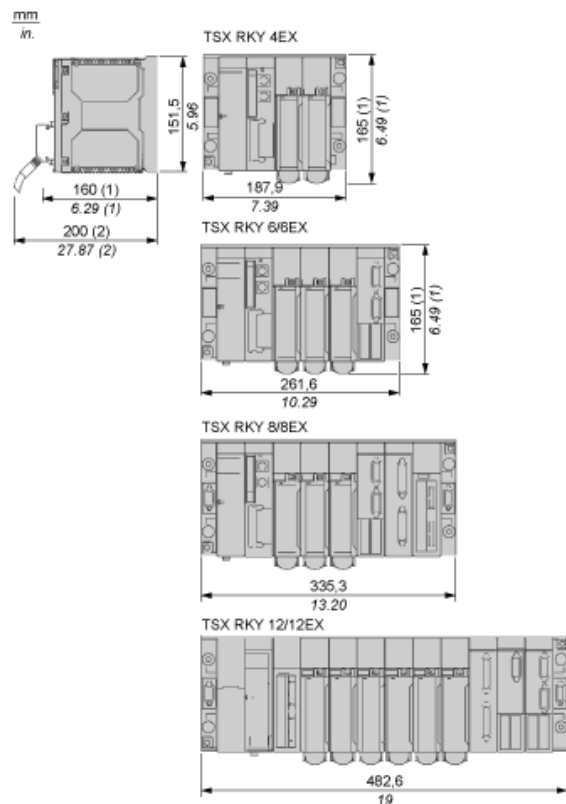
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0839 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product 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

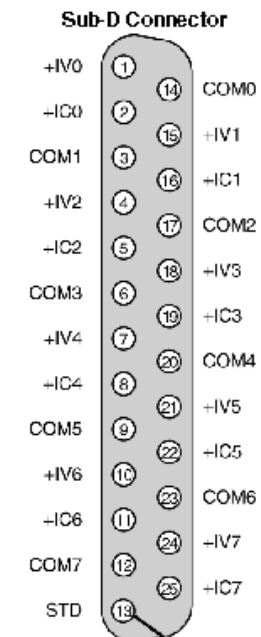
Dimensions of Modules and Racks



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

Analog Input Module (8-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 pin 13 and the ground (using a cover) is used to detect connector unpinning.