

TSXAEY420C

analog input module - 4 high level input - current, voltage - 16 bits

Product availability : Stock - Normally stocked in distribution facility

Price* : 3933.00 USD



Main

Range of product	Modicon Premium Automation platform
Product or component type	Analog input module
Input level	High level
Analogue input number	4
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	1 ms
Measurement error	0.1 % of full scale +/- 10 V 25 °C 0.1 % of full scale 0...10 V 25 °C 0.2 % of full scale +/- 10 V 0...60 °C 0.2 % of full scale 0...10 V 0...60 °C 0.2 % of full scale 0...20 mA 25 °C 0.2 % of full scale 0...5 V 25 °C 0.2 % of full scale 1...5 V 25 °C 0.2 % of full scale 4...20 mA 25 °C 0.4 % of full scale 0...20 mA 0...60 °C 0.4 % of full scale 0...5 V 0...60 °C 0.4 % of full scale 1...5 V 0...60 °C 0.4 % 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 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	500 mA 5 V DC
Module format	Standard
Product weight	0.73 lb(US) (0.33 kg)

Environment

Standards	IEC 1131
Product certifications	ABS RMRS BV LR GL DNV RINA
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	Conformal coating Humiseal 1A33 TC
IP degree of protection	IP20
Pollution degree	2

Ordering and shipping details

Category	22558 - TSX PREMIUM, ATRIUM & PL7 PRO
Discount Schedule	PC22
GTIN	00785901946243
Nbr. of units in pkg.	1
Package weight(Lbs)	1
Returnability	N
Country of origin	FR

Offer Sustainability

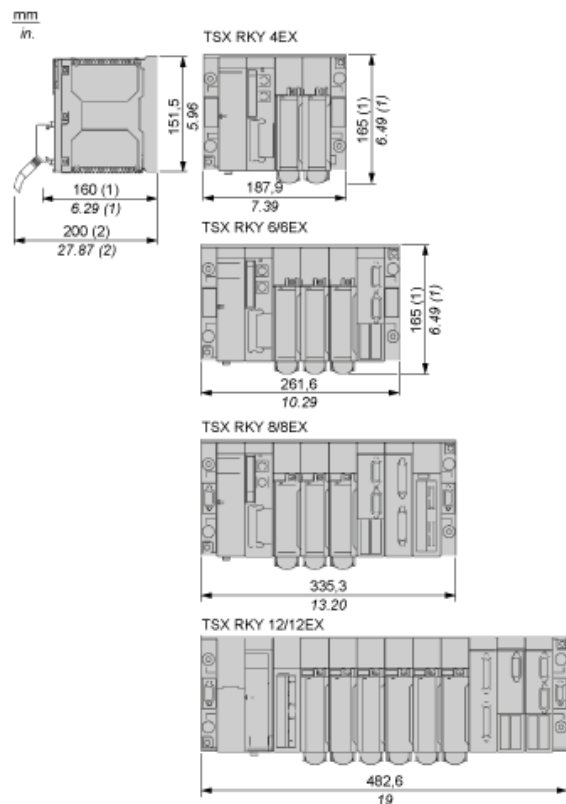
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0840 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold

Contractual warranty

Warranty period	18 months
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Standard and Extendable Racks for Modules Mounting

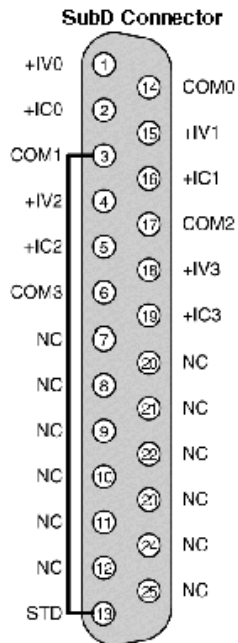
Dimensions of Modules and Racks



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

Analog Input Module (4-Channel, Voltage/Current)

Connector Pin Assignment



- NC Pin not connected
+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 COM0, COM1, COM2, and COM3 pins are linked internally in the module.