



Commercial status

End of Commercialisation :

⚠ End of Commercialisation

Main

Range of product	Modicon Premium Automation platform
Product or component type	Discrete input module
Discrete input number	16 current sink isolated fast conforming to EN/IEC 61131-2 type 1
Discrete input voltage	24 V DC positive
Sensor power supply	19...30 V
Discrete input current	3.5 MA

Complementary

Voltage state 1 guaranteed	≥ 11 V
Current state 1 guaranteed	≥ 3 mA
Voltage state 0 guaranteed	≤ 5 V
Current state 0 guaranteed	≤ 1.5 mA
Input impedance	6300 Ohm at state 1
Response time	0.1...7.5 ms
Insulation resistance	< 10 MOhm 500 V DC
Power dissipation	(1.2 W + 0.1 W x No of channels used)
Electrical connection	HE-10 connector
Marking	CE
Current consumption	250 mA at 5 V DC 75 mA at 24 V DC
Module format	Standard
Net weight	0.3 Kg

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Environment

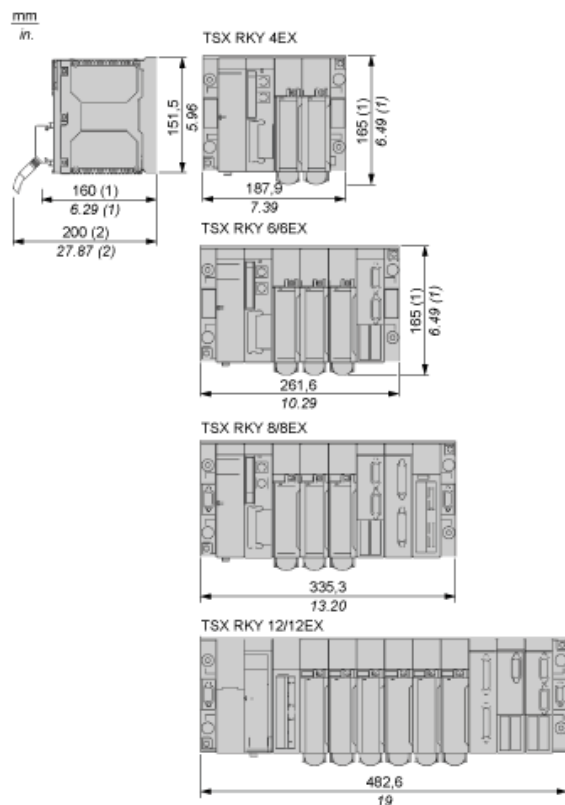
Dielectric strength	1500 V AC at 50/60 Hz
Standards	EN/IEC 61131-2 CSA C22.2 No 213 Class I Division 2 Group A 92/31/EEC 93/68/EEC CSA C22.2 No 213 Class I Division 2 Group C CSA C22.2 No 142 89/336/EEC CSA C22.2 No 213 Class I Division 2 Group B 73/23/EEC CSA C22.2 No 213 Class I Division 2 Group D IEC 60664 UL 508
Product certifications	ABS LR DNV GL RINA BV RMRS
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 Conformal coating Humiseal 1A33
IP degree of protection	IP20
Pollution degree	2

Contractual warranty

Warranty	18 months
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Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks

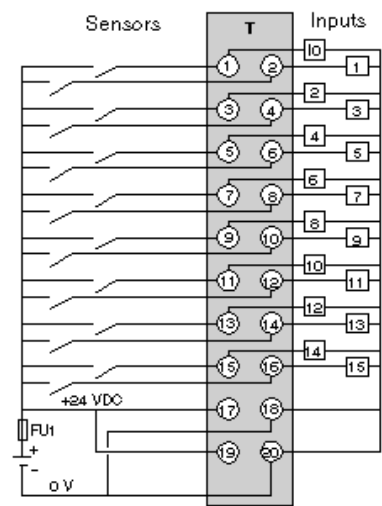


(1) With screw terminal block modules.

(2) Maximum depth for all types of modules and their associated connectors.

24 Vac Discrete Input 16-Channel Module

Wiring Diagram



FU1 0.5 A quick-blow fuse

Product Life Status : **Post commercialisation**