



Main

Range of product	Modicon Premium Automation platform
Product or component type	Discrete input module
Discrete input number	8 current sink isolated conforming to EN/IEC 61131-2 type 2
Discrete input voltage	24 V DC positive
Sensor power supply	19...30 V
Input compatibility	With 2-wire/3-wire proximity sensors conforming to EN/IEC 60947-5-2
Discrete input current	7 mA

Complementary

Voltage state 1 guaranteed	≥ 11 V
Current state 1 guaranteed	≥ 6.5 mA
Voltage state 0 guaranteed	≤ 5 V
Current state 0 guaranteed	≤ 2 mA
Input impedance	4000 Ohm at state 1
Response time	≤ 7 ms 4 ms
Insulation resistance	< 10 MOhm 500 V DC
Power dissipation	(1 W + 0.15 W x No of channels used)
Electrical connection	Screw terminal
Marking	CE
Current consumption	55 mA 5 V DC 80 mA 24 V DC
Module format	Standard
Product weight	0.3 kg

Environment

Dielectric strength	1500 V AC at 50/60 Hz
Standards	73/23/EEC 89/336/EEC 92/31/EEC 93/68/EEC CSA C22.2 No 142 EN/IEC 61131-2

IEC 60664
UL 508
CSA C22.2 No 213 Class I Division 2 Group A
CSA C22.2 No 213 Class I Division 2 Group B
CSA C22.2 No 213 Class I Division 2 Group C
CSA C22.2 No 213 Class I Division 2 Group D

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	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

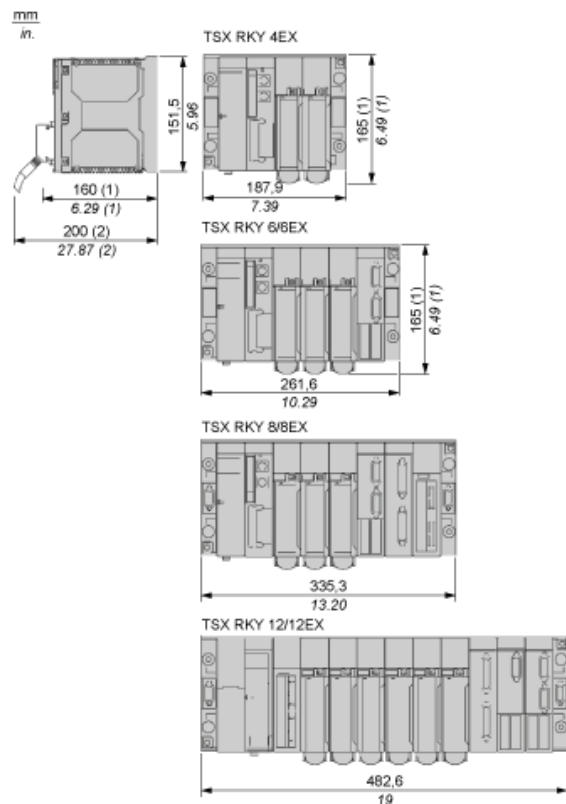
RoHS (date code: YYWW)	Compliant - since 0829 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
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Standard and Extendable Racks for Modules Mounting

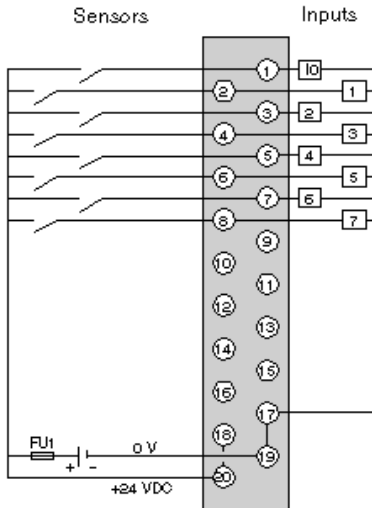
Dimensions of Modules and Racks



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

24 Vdc Discrete Input 8-Channel Module

Wiring Diagram



FU1 0.5 A quick-blow fuse

TSXDEY08D2 is replaced by:



Standard environment BMXDDI1602

discrete input module M340 - 16 inputs - 24 V DC positive

Qty 1

Reason for Substitution: End of life | Substitution date: 31 December 2018 | Not same dimensions/design - no compact 8 channel 24VDC input module