



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 capacitive isolated conforming to EN/IEC 61131-2 type 2
Discrete input voltage	220 V AC
Network frequency	50/60 Hz 47...63 Hz AC
Sensor power supply	170...264 V
Input compatibility	With 2-wire/3-wire proximity sensors conforming to EN/IEC 60947-5-2
Discrete input current	15 mA

Complementary

Voltage state 1 guaranteed	159 V
Current state 1 guaranteed	6 mA
Voltage state 0 guaranteed	40 V
Current state 0 guaranteed	4 mA
Input impedance	20000 Ohm at state 1
Response time	<= 20 ms 10 ms
Insulation resistance	< 10 MOhm 500 V DC
Power dissipation	0.97 W
Electrical connection	Screw terminal
Marking	CE
Current consumption	80 mA at 5 V DC
Module format	Standard
Net weight	0.36 Kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

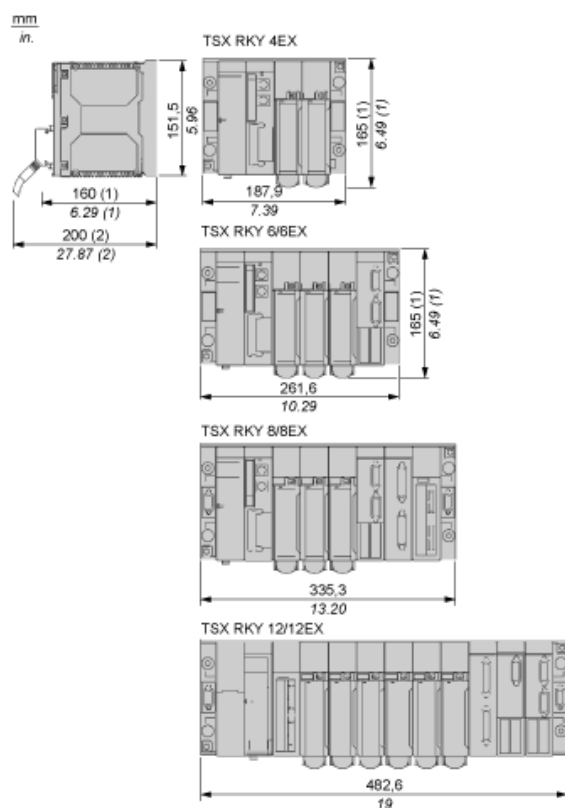
Dielectric strength	1500 V AC at 50/60 Hz
Standards	92/31/EEC 73/23/EEC CSA C22.2 No 213 Class I Division 2 Group A 93/68/EEC EN/IEC 61131-2 89/336/EEC CSA C22.2 No 213 Class I Division 2 Group B CSA C22.2 No 213 Class I Division 2 Group D IEC 60664 UL 508 CSA C22.2 No 213 Class I Division 2 Group C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

Contractual warranty

Warranty	18 months
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Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks

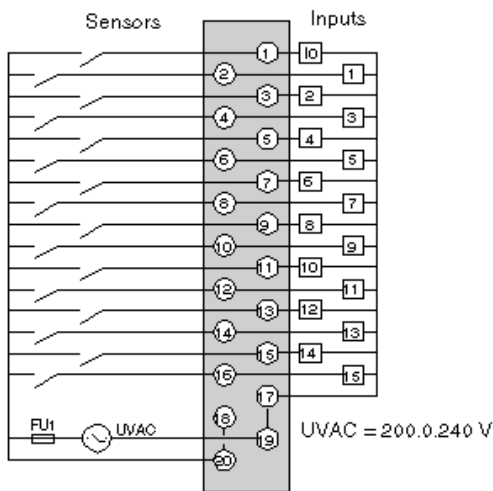


(1) With screw terminal block modules.

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

200...240 Vac Discrete Input 16-Channel Module

Wiring Diagram



FU1 0.5 A quick-blow fuse

Product Life Status : **Post commercialisation**

TSXDEY16A5 may be replaced by any of the following products:



BMXDAI0805
discrete input module X80 - 8 inputs - 200...240 V AC
Qty 1
Reason for Substitution: End of life | Substitution date: 10 Apr 2017 |



BMXDAI0805
discrete input module X80 - 8 inputs - 200...240 V AC
Qty 1
Reason for Substitution: End of life | Substitution date: 30 Jun 2018 |



BMXDAI0805
discrete input module X80 - 8 inputs - 200...240 V AC
Qty 1
Reason for Substitution: End of life | Substitution date: 31 Dec 2018 | Not same dimensions/design - less 220VAC channel 8 vs. Premium 16 input



BMXDAI0805
discrete input module X80 - 8 inputs - 200...240 V AC
Qty 1
Reason for Substitution: End of life | Substitution date: 31 Dec 2018 | Not same dimensions/design - less 220VAC channel 8 vs. Premium 16 input



BMXDAI0805
discrete input module X80 - 8 inputs - 200...240 V AC
Qty 1
Reason for Substitution: End of life | Substitution date: 31 Dec 2018 | Not same dimensions/design - less 220VAC channel 8 vs. Premium 16 input



BMXDAI0805

discrete input module X80 - 8 inputs - 200...240 V AC

Qty 1

Reason for Substitution: End of life | Substitution date: 31 Dec 2018 |
