



### 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
Isolation resistance	< 10 MOhm 500 V DC
Power dissipation	0.97 W
Electrical connection	Screw terminal
Marking	CE
Current consumption	80 mA 5 V DC
Module format	Standard
Product weight	0.36 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	Conformal coating Humiseal 1A33 TC
IP degree of protection	IP20
Pollution degree	2

### Offer Sustainability

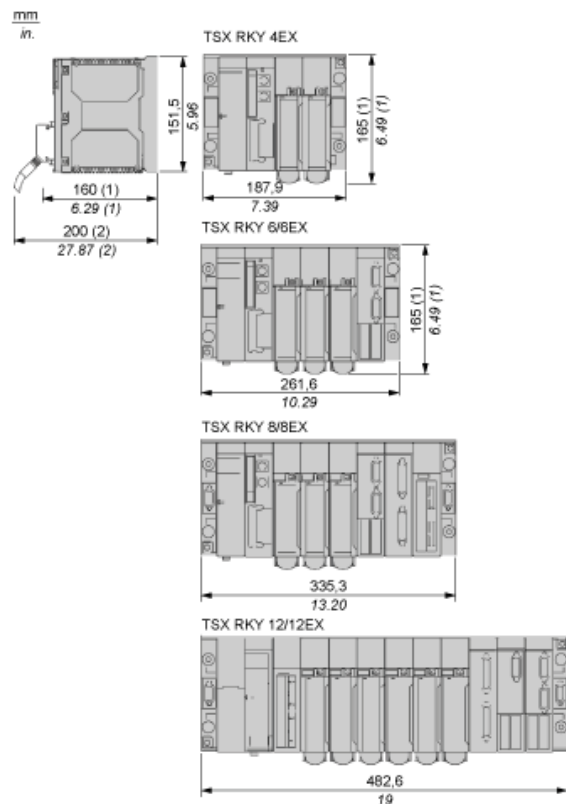
RoHS (date code: YYWW)	Compliant - since 0908 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>

### Contractual warranty

Warranty period	18 months
-----------------	-----------

Standard and Extendable Racks for Modules Mounting

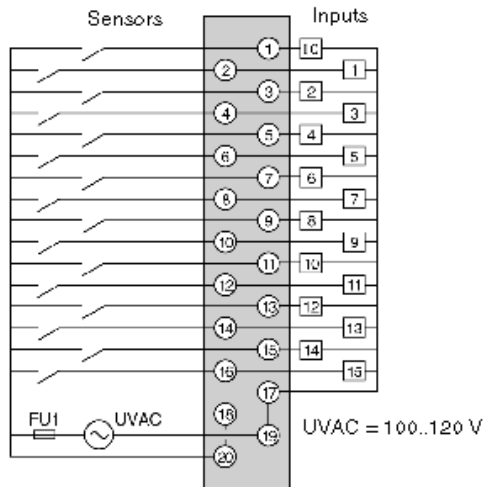
Dimensions of Modules and Racks



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

## 120 Vac Discrete Input 16-Channel Module

### Wiring Diagram



FU1 0.5 A quick-blow fuse

### TSXDEY16A4C is replaced by:



#### Harsh environment BMXDAI1604H

discrete input module M340 - 16 inputs - 100..120 V AC capacitive

Qty 1

Reason for Substitution: End of life | Substitution date: 31 December 2017 | Not same dimensions/design