



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	64 current sink isolated 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	4 ms ≤ 7 ms
Insulation resistance	< 10 MOhm 500 V DC
Power dissipation	(1.5 W + 0.1 W x No of channels used)
Electrical connection	HE-10 connector
Marking	CE
Current consumption	155 mA at 5 V DC 315 mA at 24 V DC
Module format	Standard
Net weight	0.37 Kg

The information provided in this documentation contains general descriptions and/or technical characteristics 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

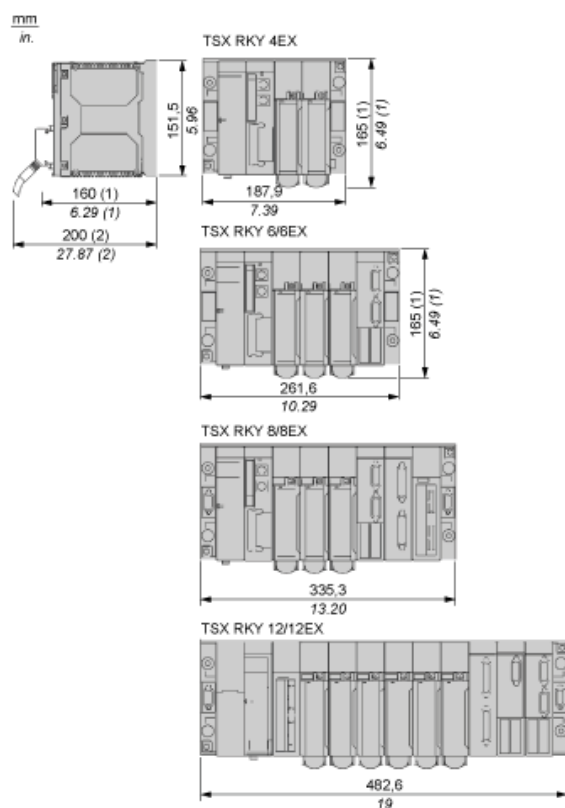
Dielectric strength	1500 V AC at 50/60 Hz
Standards	CSA C22.2 No 142 73/23/EEC CSA C22.2 No 213 Class I Division 2 Group B CSA C22.2 No 213 Class I Division 2 Group A CSA C22.2 No 213 Class I Division 2 Group C UL 508 IEC 60664 CSA C22.2 No 213 Class I Division 2 Group D 89/336/EEC 93/68/EEC 92/31/EEC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

Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks

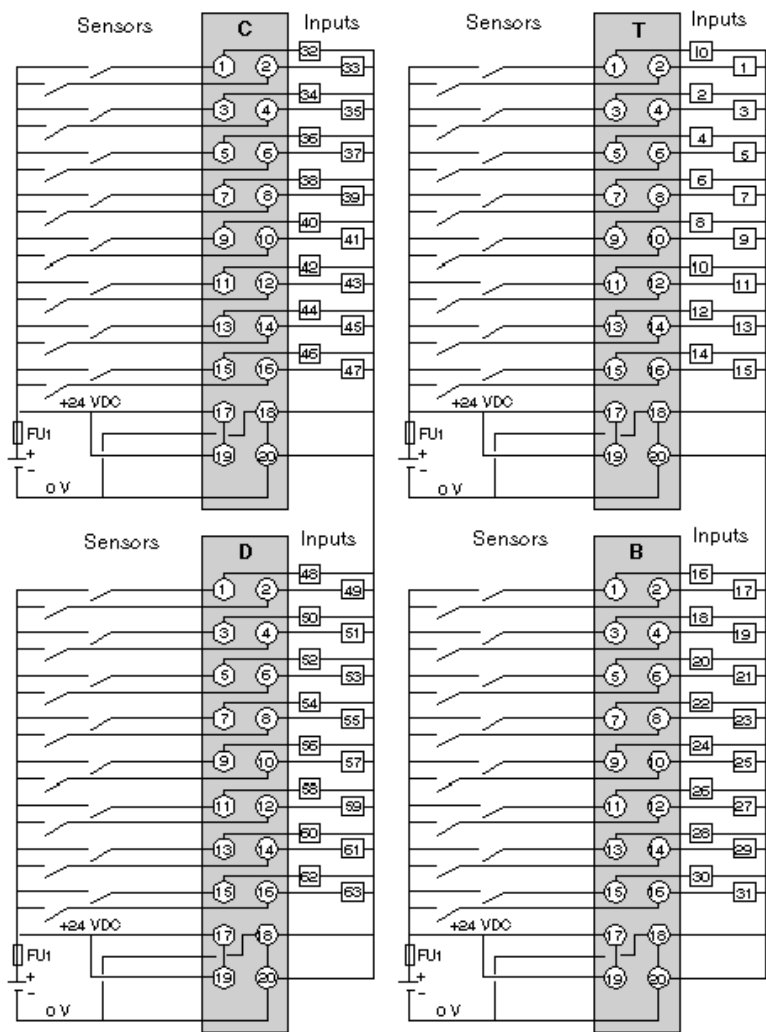


(1) With screw terminal block modules.

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

24 Vdc Discrete Input 64-Channel Module

Wiring Diagram



FU1 0.5 A quick-blow fuse

Product Life Status : **Post commercialisation**

TSXDEY64D2K may be replaced by any of the following products:



BMXDDI6402K
discrete input module X80 - 64 inputs - 24 V DC positive
Qty 1
Reason for Substitution: End of life | Substitution date: 30 Jun 2018 |



BMXDDI6402K
discrete input module X80 - 64 inputs - 24 V DC positive
Qty 1
Reason for Substitution: End of life | Substitution date: 31 Dec 2018 | Not same dimensions/design



BMXDDI6402K

discrete input module X80 - 64 inputs - 24 V DC positive

Qty 1

Reason for Substitution: End of life | Substitution date: 31 Dec 2018 | Not same dimensions/design



BMXDDI6402K

discrete input module X80 - 64 inputs - 24 V DC positive

Qty 1

Reason for Substitution: End of life | Substitution date: 31 Dec 2018 | Not same dimensions/design



BMXDDI6402K

discrete input module X80 - 64 inputs - 24 V DC positive

Qty 1

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