

# TSXDEY32D2K

discrete input module Modicon Premium - 32 I 24 V DC



## Main

Range of product	Modicon Premium Automation platform
Product or component type	Discrete input module
Discrete input number	32 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	$\geq 11$ V
Current state 1 guaranteed	$\geq 3$ mA
Voltage state 0 guaranteed	$\leq 5$ V
Current state 0 guaranteed	$\leq 1.5$ mA
Input impedance	6300 Ohm at state 1
Response time	$\leq 7$ ms 4 ms
Insulation resistance	$< 10$ MOhm 500 V DC
Power dissipation	(1 W + 0.1 W x No of channels used)
Electrical connection	HE-10 connector
Marking	CE
Current consumption	135 mA 5 V DC 160 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 73/23/EEC 73/23/EEC 73/23/EEC 73/23/EEC 89/336/EEC 89/336/EEC 89/336/EEC 89/336/EEC 89/336/EEC 89/336/EEC 92/31/EEC 92/31/EEC 92/31/EEC 92/31/EEC 92/31/EEC 93/68/EEC 93/68/EEC 93/68/EEC 93/68/EEC 93/68/EEC CSA C22.2 No 142 CSA C22.2 No 142 CSA C22.2 No 142 CSA C22.2 No 142 CSA C22.2 No 142 EN/IEC 61131-2 EN/IEC 61131-2

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.

EN/IEC 61131-2  
 EN/IEC 61131-2  
 EN/IEC 61131-2  
 IEC 60664  
 IEC 60664  
 IEC 60664  
 IEC 60664  
 IEC 60664  
 UL 508  
 UL 508  
 UL 508  
 UL 508  
 UL 508  
 CSA C22.2 No 213 Class I Division 2 Group A  
 CSA C22.2 No 213 Class I Division 2 Group A  
 CSA C22.2 No 213 Class I Division 2 Group A  
 CSA C22.2 No 213 Class I Division 2 Group A  
 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 B  
 CSA C22.2 No 213 Class I Division 2 Group B  
 CSA C22.2 No 213 Class I Division 2 Group B  
 CSA C22.2 No 213 Class I Division 2 Group B  
 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 C  
 CSA C22.2 No 213 Class I Division 2 Group C  
 CSA C22.2 No 213 Class I Division 2 Group C  
 CSA C22.2 No 213 Class I Division 2 Group C  
 CSA C22.2 No 213 Class I Division 2 Group C  
 CSA C22.2 No 213 Class I Division 2 Group D  
 CSA C22.2 No 213 Class I Division 2 Group D  
 CSA C22.2 No 213 Class I Division 2 Group D  
 CSA C22.2 No 213 Class I Division 2 Group D  
 CSA C22.2 No 213 Class I Division 2 Group D  
 CSA C22.2 No 213 Class I Division 2 Group D  
 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

Sustainable offer status	Not Green Premium product
RoHS	Compliant - since 0847 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold