



### Commercial status

Discontinued on: 31 December 2018

To be end-of-service on: 31 December 2026

ⓘ Restricted Sales for Services

### 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	$\geq 11$ 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	4 ms $\leq 7$ ms
Isolation 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

### 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

Disclaimer: 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

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

### Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	490 g
Package 1 Height	5.8 cm
Package 1 width	18 cm
Package 1 Length	26 cm
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Weight	3.952 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm

### Contractual warranty

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

### TSXDEY64D2K is replaced by:



#### Standard environment BMXDDI6402K

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

Qty 1

Reason for Substitution: End of life | Substitution date: 30 September 2019 | This is not interchangeable but an equivalent functional product in the Modicon M580/X80 range. Please contact technical support about your migration options.