



### 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	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
Isolation 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 at 5 V DC 160 mA at 24 V DC
Module format	Standard
Net weight	0.3 kg

### Environment

Dielectric strength	1500 V AC at 50/60 Hz
Standards	CSA C22.2 No 213 Class I Division 2 Group B IEC 60664 CSA C22.2 No 142 CSA C22.2 No 213 Class I Division 2 Group A 92/31/EEC EN/IEC 61131-2 UL 508

CSA C22.2 No 213 Class I Division 2 Group D  
93/68/EEC  
CSA C22.2 No 213 Class I Division 2 Group C  
73/23/EEC  
89/336/EEC

Product certifications	LR GL BV RMRS RINA ABS 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	412 g
Package 1 Height	5.5 cm
Package 1 width	18 cm
Package 1 Length	26 cm

### Contractual warranty

Warranty	18 months
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### TSXDEY32D2K is replaced by:



#### Standard environment BMXDDI3202K

discrete input module X80 - 32 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.