



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 5 V DC 315 mA 24 V DC
Module format	Standard
Product weight	0.37 kg

Environment

Dielectric strength	1500 V AC at 50/60 Hz
Standards	CSA C22.2 No 142 EN/IEC 61131-2 92/31/EEC CSA C22.2 No 213 Class I Division 2 Group A CSA C22.2 No 213 Class I Division 2 Group D CSA C22.2 No 213 Class I Division 2 Group B 89/336/EEC CSA C22.2 No 213 Class I Division 2 Group C

93/68/EEC
73/23/EEC
UL 508
IEC 60664

Product certifications	BV RINA DNV ABS GL LR 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

RoHS (date code: YYWW)	Compliant - since 0847 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
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TSXDEY64D2K is replaced by:



Standard environment BMXDDI6402K

discrete input module M340 - 64 inputs - 24 V DC positive

Qty 1

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