Product data sheet
Characteristics

TSXDEY64D2K
discrete input module Modicon Premium - 64 I 24 V DC

Main

Range of product	Modicon Premium Automation platform
Product or component type	Discrete input module
Discrete input number	64 current sink isolated EN/IEC 61131-2 type 1
Discrete input voltage	24 V DC positive
Electrical connection	HE-10 connector
Protective treatment	TC

Complementary

Sensor power supply	19...30 V
Discrete input current	3.5 mA
Voltage state1 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)
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 50/60 Hz
Standards	73/23/EEC 89/336/EEC 92/31/EEC 93/68/EEC CSA 22-2 No 142 CSA 22-2 No 213 Class I Division 2 Group A CSA 22-2 No 213 Class I Division 2 Group B CSA 22-2 No 213 Class I Division 2 Group C CSA 22-2 No 213 Class I Division 2 Group D EN/IEC 61131-2 IEC 60664 UL 508
Product certifications	ABS BV DNV (Det Norske Veritas) GL LR RINA RMRS
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-25...70 °C

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Relative humidity	5...95 % without condensation for storage 10...95 % without condensation for operation
Operating altitude	0...2000 m
IP degree of protection	IP20
Pollution degree	2
RoHS EUR conformity date	0847
RoHS EUR status	Compliant