



Main

Range of product	Modicon Premium Automation platform
Product or component type	Discrete I/O modules
Discrete I/O number	28
Discrete input number	16 current sink fast input - conforming to IEC 1131-2 Type 1
Input logic	Positive
Input voltage	24 V 3.5 mA DC

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
Sensor power supply	19...30 V
Filter time	0.1 to 7.5 ms by configuration 4 ms by default
Paralleling of inputs	Yes
Input compatibility	2-wire/3-wire proximity sensor
Insulation resistance	> 10 MOhm 500 V DC
Power dissipation	1.2 W + 0.1 x number of input at 1
Discrete output number	12
Tungsten load	6 W solid state output
Output voltage	24 V 0.5 A
Discrete output type	Solid state
Output voltage limits	19...30 V
Maximum output current	4 A by module 0.5 A by channel
Leakage current	< 1 mA at state 0
[Ures] residual voltage	< 1.2 V at state 1
Load impedance	≥ 48 W
Response time on output	0.6 ms
Switching frequency	0.5/LI ² Hz
Output overvoltage protection	By transil diode

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

Reverse polarity protection	Reversed diode
Preactuator voltage detection threshold	16 V
Electrical connection	2 connectors HE-10
Current consumption	300 mA 5 V DC 75 mA 24 V DC
Module format	Standard
Product weight	0.32 kg

Environment

Dielectric strength	1500 V 50/60 Hz for 1 minute
Derating factor	60 % of inputs at state 1 at 60 °C fast input 60 % of the maximum current of the module at 60 °C solid state output
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-25...70 °C
Relative humidity	5...95 % without condensation
Operating altitude	<= 2000 m

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0850 - 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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TSXDMY28FK is replaced by:



Standard environment BMXDDM16022

discrete I/O module M340 - 8 inputs - 24 V DC - 8 outputs - solid state

Qty 1

Reason for Substitution: End of life | Substitution date: 31 December 2018 | Not same dimensions/design - no event-triggered fast inputs