Honeywell TC-IDX161

Honeywell TC-IDX161 10-30 VDC, 16-Point Diagnostic Discrete Input Module
Parameter Specification
Number of Points 16 (4 points/common)
On-State Voltage Range
Nominal Input Voltage
10-30 VDC
24 VDC
Input Compatibility IEC Type 1+
Diagnostic Functions
Open Wire
Change of State
Current leakage off state 1.21 mA maximum
Software configurable
To Determine Leakage Resistor
(P/S = Field side Power Supply)
Rleak Maximum = (P/S Voltage - 4.6 VDC) / 1.21mA
Rleak Minimum = (P/S Voltage − 5 VDC) / 1.5mA
Leakage Resistor Value
P/S Voltage
12Vdc +/-5%
24Vdc +/-5%
Rleak, ¼ W, 2%
5.23KΩ, ¼ W, 2%
14.3KΩ, ¼ W, 2%
Short/Inrush Current 250 mA peak (decaying to <37% in 22 ms, without activation)
Off-State Voltage (Maximum) 5 VDC
On-State Current (Minimum) 2.0 mA @ 10 VDC
Off-State Current (Maximum) 1.5 mA
Input Impedance (Maximum) 3.7 KΩ @ 10 VDC
Input Signal Delay
Off to On
On to Off
0, 1 or 2 ms (programmable)
0, 1, 9 or 18 ms (programmable)
Power Dissipation 5.8 W max
Isolation Voltage
Channel to channel
User to system

You can contact us through the following contact information

www.sparetechplc.com +86 180 3000 5825 sales@sparetechplc.com

100% tested at 2546 VDC for 1s

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Connection Terminal Blocks TC-TBCH, 36-position terminal block

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