Honeywell TC-FID161

Honeywell TC-FID161 - 24 Vdc Sink Digital Input
Number of Channels 16 (1 group of 16, non-isolated, sinking)
Module Location DIN-rail mounted
Module Type 16 digital input - sinking
ON-State Voltage 10V dc minimum; 24V dc nominal
31.2V dc maximum
ON-State Current 2mA minimum; 8.8mA nominal at 24V dc
12.1mA maximum
OFF-State Voltage 5.0V dc maximum
OFF-State Current 1.5mA minimum
Input Impedance 2.5K
Dielectric Withstand Test 100% tested at 1900V dc for 1s between user and system
No isolation between individual channels
Maximum Input
Filter Times (Selectable)
OFF to ON 256µs, 512µs, 1ms, 2ms, 4ms, 8ms, 16ms, 32ms
256µs, 512µs, 1ms, 2 s, 4 s, 8ms, 16ms, 32ms
ON to OFF 256µs default - select ble thru output image table
(see Setting Input Filter Times)
Flexbus Current 25mA maximum
Power Dissipation 6.1W 31.2V dc
Thermal Dissipation 20.8 BTU/hr @ 31.2V dc
Indicators 16 y llow channel status indicators
General Specifications
External dc Power Voltage 19.2-31.2V dc (5% ac ripple)
Dimensions HxWxD 69mm x 94mm x 80mm
(2.72in x 3.7in x 3.2in)
Environmental Conditions
Operational Temperature 0 to 55 C (32 to 131 F)
Storage Temperature -40 to 85 C (-40 to 185 F)
Relative Humidity 5 to 95% non-condensing
Shock: Operating 30g peak acceleration, 11(±1)ms pulse width
Shock: Non-operating 50g peak acceleration, 11(±1)ms pulse width
Vibration Tested 5g @ 10-500Hz per IEC 68-2-6
Conductors Wire Size 12 gauge (4mm2
) stranded maximum
3/64 inch (1.2mm) maximum insulation, 90C
minimum temperature rating

You can contact us through the following contact information

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

Terminal Screw Torque 4-7 inch-pounds
Agency Certification Groups A, B, C, D certified
Class I Division 2 certified
Class I Zone 2 Group IIC
certified

You can contact us through the following contact information

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