



Main

Range of product	Modicon Quantum automation platform
Product or component type	Latch/Interrupt module

Complementary

Number of inputs	16
Discrete input type	Fast isolated
Absolute maximum input	30 V DC
Voltage state 0 guaranteed	-3...5 V
Voltage state 1 guaranteed	15...30 V
Current state 0 guaranteed	2...8 mA
Current state 1 guaranteed	<= 0.5 mA
Response time	130 µs Off-On 30 µs On-Off
Reverse polarity protection	Internal in 30 V
Isolation between channels	500 V for 60 s AC
Isolation between channels and bus	1780 V for 60 s AC
Bus current requirement	400 mA
Power dissipation	2.0 W + (0.3 x number of points on)
Mounting support	Backplane for local architecture
Marking	CE
Module format	Standard

Environment

Resistance to electrostatic discharge	4 kV contact conforming to IEC 801-2 8 kV on air conforming to IEC 801-2
Resistance to electromagnetic fields	10 V/m 80...2000 MHz conforming to IEC 801-3
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-40...85 °C
Relative humidity	95 % without condensation
Operating altitude	<= 5000 m
Protective treatment	Conformal coating Humiseal 1A33

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

Standards	UL 508
Product certifications	DNV CSA Class 1 Division 2 C-Tick GOST FM Class 1 Division 2 UL

Contractual warranty

Warranty period	18 months
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Racks for Modules Mounting

Dimensions of Modules and Racks

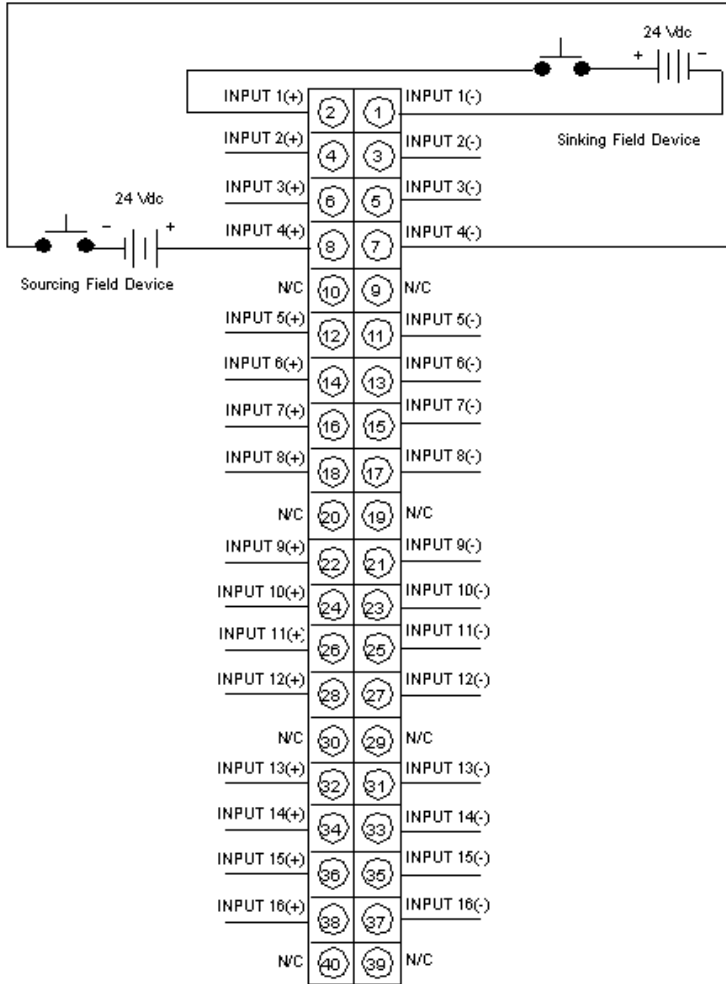


- (1) 2 slots
- (2) 3 slots
- (3) 4 slots
- (4) 6 slots
- (5) 10 slots
- (6) 16 slots

140HLI34000C

High Speed Latch and Interrupt Module

Wiring Diagram



N/C Not Connected