



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 μ s Off-On 30 μ s 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

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

Ambient air temperature for storage	-40...85 °C
Relative humidity	95 % without condensation
Operating altitude	<= 5000 m
Standards	UL 508
Product certifications	DNV C-Tick CSA Class 1 Division 2 GOST FM Class 1 Division 2 UL

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0901 - 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 environmental profile	Available End of life manual
Product end of life instructions	Available

Contractual warranty

Warranty period	18 months
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Racks for Modules Mounting

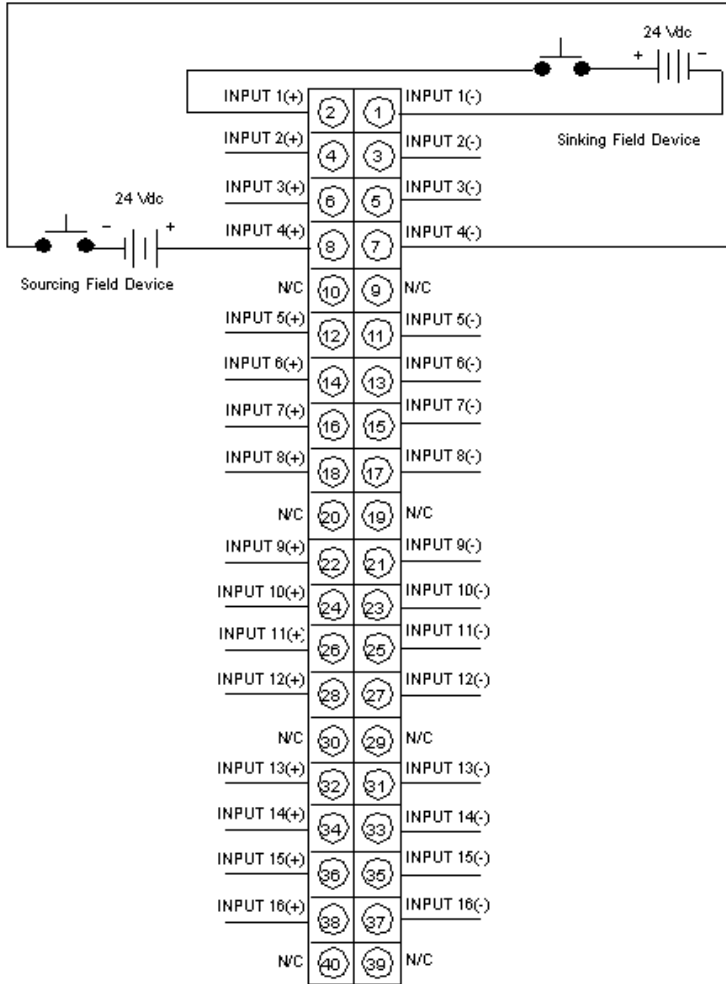
Dimensions of Modules and Racks



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

High Speed Latch and Interrupt Module

Wiring Diagram



N/C Not Connected