



Main

Range of product	Automation platform
Product or component type	Dc discrete input modules
Discrete input number	32

Complementary

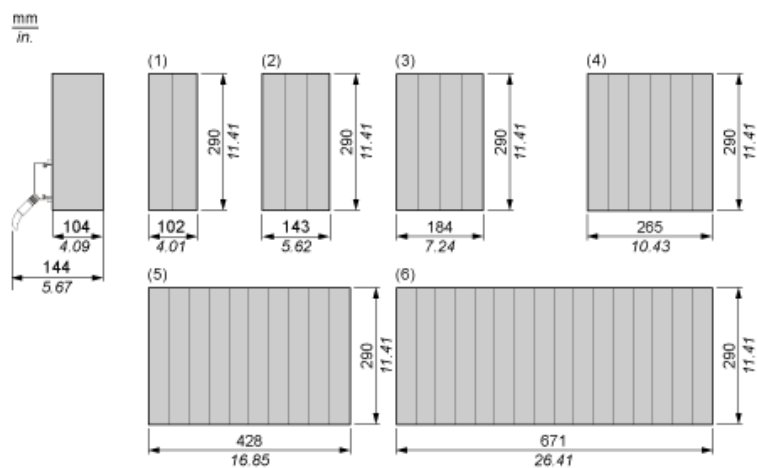
Group of channels	4
Logic input	Positive (sink)
Input voltage limits	10...60 V
Input voltage	60 V 1...5 mA DC 48 V 2...15 mA DC 24 V 6...30 mA DC 12 V 5...10 mA DC
Voltage state 1 guaranteed	9...12 V 12 V +/- 5 % 45...60 V 60 V +/- 20 % 34...48 V 48 V +/- 20 % 11...24 V 24 V +/- 20 %
Voltage state 0 guaranteed	0...5 V 24 V +/- 20 % 0...12.5 V 60 V +/- 20 % 0...10 V 48 V +/- 20 % 0...1.8 V 12 V +/- 5 %
Absolute maximum voltage	75 V
Addressing requirement	2 input words
Response time	4 ms from state 1 to state 0 4 ms from state 0 to state 1
Switching frequency	<= 100 Hz
Isolation between group and bus	2500 Vrms DC for 1 minute
Isolation between group	700 Vrms DC for 1 minute
Power dissipation	1 W + (0.62 x number of points on)
Marking	CE
Local signalling	32 LEDs green input status 1 LED red external fault detected (F) 1 LED green bus communication is present (Active)
Bus current requirement	300 mA
Module format	Standard
Product weight	0.295 kg

Environment

Standards	CSA C22.2 No 142 UL 508
Product certifications	C-Tick FM Class 1 Division 2
Resistance to electrostatic discharge	8 kV on air conforming to IEC 801-2 4 kV contact 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

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

10...60 Vdc Discrete Input Sink Module

Wiring Diagram

