

Product data sheet

Characteristics

140DDI67300

discrete input module Modicon Quantum - 24 I -
125 V DC

Product availability : Stock - Normally stocked in distribution facility

Price* : 1800.91 USD



Main

Range of product	Modicon Quantum automation platform
Product or component type	Dc discrete input modules
Discrete input number	24

Complementary

Group of channels	3
Logic input	Positive (sink)
Input voltage limits	88...150 V
Input voltage	125 V 2.5 mA DC
Absolute maximum voltage	156.25 V including ripple
Addressing requirement	2 input words
Response time	0.7 ms from state 0 to state 1 0.7 ms from state 1 to state 0
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	1 LED green bus communication is present (Active) 1 LED red external fault detected (F) 24 LEDs green input status
Bus current requirement	200 mA
Module format	Standard
Product weight	0.66 lb(US) (0.3 kg)

Environment

Standards	CSA C22.2 No 142 UL 508
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Product certifications	FM Class 1 Division 2 C-Tick
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	9.14 V/yd (10 V/m) 80...2000 MHz conforming to IEC 801-3
Ambient air temperature for operation	32...140 °F (0...60 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Relative humidity	95 % without condensation
Operating altitude	<= 16404.2 ft (5000 m)

Ordering and shipping details

Category	18155 - QUANTUM I/O & POWER SUPPLIES
Discount Schedule	PC21
GTIN	00785901326823
Nbr. of units in pkg.	1
Package weight(Lbs)	0.9899999999999999
Returnability	Y
Country of origin	CN

Offer Sustainability

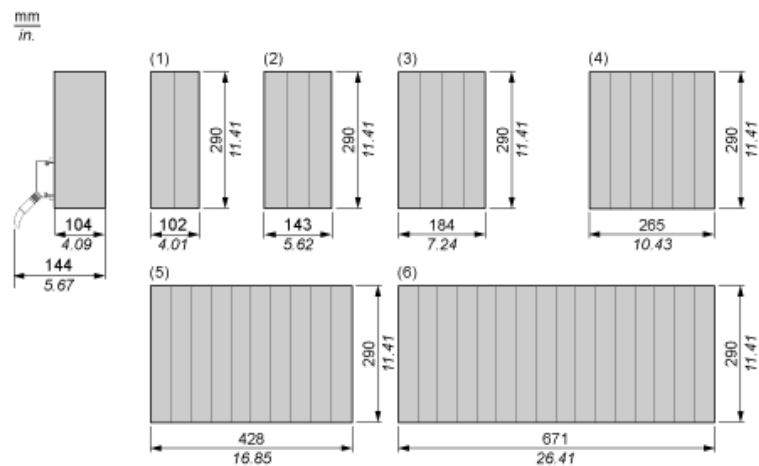
Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1005 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

Contractual warranty

Warranty period	18 months
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Racks for Modules Mounting

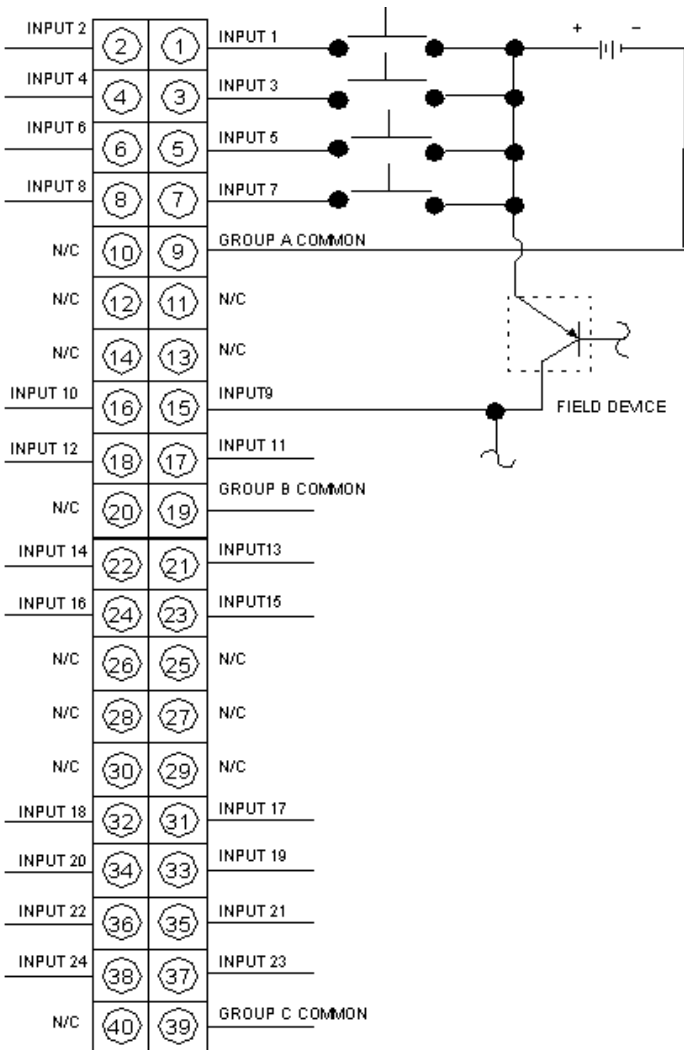
Dimensions of Modules and Racks



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

125 Vdc Discrete Input Sink Module

Wiring Diagram



N/C Not Connected