

# Product data sheet

## Characteristics

# 140DDO15310

## discrete output module Modicon Quantum - 32 O



### Main

Range of product	Modicon Quantum automation platform
Product or component type	TTL discrete output module
Discrete output number	32

### Complementary

Group of channels	4 groups of 8 channels
Discrete output type	Positive (sink) TTL
Addressing requirement	2 output words
Discrete output voltage	5 V DC
Voltage state 1 guaranteed	<= 0.2 V
[Us] rated supply voltage	4...5.5 V DC
Absolute maximum output	15 V for 0.0013 s decaying voltage pulse DC
Internal pullup resistor	440 Ohm
Maximum load current	<= 75 mA each point <= 600 mA each group <= 2.4 A per module
Surge current	750 A 0.5 ms between each point
Response time	<= 250 $\mu$ s at state 1 to state 0 resistive <= 250 $\mu$ s at state 0 to state 1 resistive
Protection type	Internal by fuse Output protection by transient voltage suppression
Fault indication	Blown fuse Loss of field power
Power dissipation	4 W
Supply current	0.4 A
Isolation between group	500 Vrms for 1 minute
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	350 mA
Current consumption	2800 mA 5 V DC
Module format	Standard
Product weight	0.45 kg

## Environment

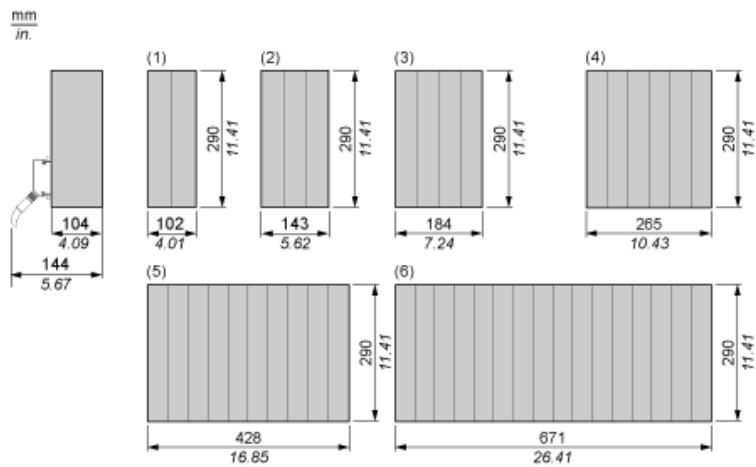
Product certifications	C-Tick FM Class 1 Division 2 GOST RMRS
Standards	CSA C22.2 No 142 UL 508
Resistance to electrostatic discharge	8 kV on air conforming to IEC 801-2 4 kV contact conforming to IEC 801-2
Resistance to electromagnetic fields	10 V/m 80...2000 MHz conforming to IEC 801-3
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-40...85 °C
Relative humidity	95 % without condensation
Operating altitude	<= 5000 m

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0901 - <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available <a href="#">Download Product Environmental</a>
Product end of life instructions	Need no specific recycling operations

## 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

5 Vdc Discrete Output Sink Module

Wiring Diagram

