



Main

Range of product	Modicon Quantum automation platform
Product or component type	Dc discrete output module
Discrete output number	96

Complementary

Group of channels	6 groups of 16
Discrete output logic	Negative logic (sink)
Addressing requirement	6 output words
Discrete output voltage	24 V DC
Output voltage limits	19.2...30 V
Voltage drop	0.4 V 0.5 A
Maximum load current	<= 0.5 A each point <= 19.2 A per module <= 3.2 A each group
Surge current	<= 2 A
Response time	<= 0.1 ms at state 0 to state 1 <= 0.1 ms at state 1 to state 0
Leakage current	1 mA 24 V
Short-circuit protection	With
Output overload protection	With
Load inductance	$\text{Inductance(H)} = 0.5 / ((\text{current(A)})^2 \times (\text{switching frequency(Hz)}))$ 0.5...4 Hz
Fault indication	Fault sensing Fault reporting Loss of field power Fault point
Isolation between channels and bus	500 Vrms DC for 1 minute
Power dissipation	7 W
Marking	CE
Local signalling	1 LED green bus communication is present (Active)

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

1 LED red external fault detected (F)
96 LEDs green input status

Bus current requirement	<= 250 mA
Module format	Standard
Product weight	0.45 kg

Environment

Product certifications	RMRS GOST C-Tick FM Class 1 Division 2
Standards	CSA C22.2 No 142 UL 508
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

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

140DDO36400

24 Vdc 6x16 Output Module

6 Groups of 16 Outputs A...F (6 x HE 10 Connectors)

