



## 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	<= 3.2 A each group <= 19.2 A per module <= 0.5 A each point
Surge current	<= 2 A
Response time	<= 0.1 ms at state 1 to state 0 <= 0.1 ms at state 0 to state 1
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 point Fault reporting Fault sensing Loss of field power
Isolation between channels and bus	500 Vrms DC for 1 minute
Power dissipation	7 W
Marking	CE
Local signalling	96 LEDs green input status 1 LED red external fault detected (F) 1 LED green bus communication is present (Active)
Bus current requirement	<= 250 mA
Module format	Standard
Product weight	0.45 kg

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## Environment

Protective treatment	Conformal coating Humiseal 1A33
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

## 24 Vdc 6x16 Output Module

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

