



Main

Range of product	Modicon Quantum automation platform
Product or component type	AC discrete output modules
Discrete output number	16
Discrete output type	Isolated
Group of channels	16 groups of 1 channel
Discrete output voltage	20...132 V AC

Complementary

Supply frequency	47...63 Hz
Voltage drop	1,5 V
Addressing requirement	1 output word
Absolute maximum output	156 V 10 s AC 200 V during one cycle AC
Minimum load	5 A
Maximum load current	1 mA rms 48 V off state leakage/points 1 mA rms 24 V off state leakage/points 2 mA rms 115 V off state leakage/points <= 16 A rms per module <= 4 A rms any 4 contiguous points <= 4 mA rms 20...132 V each point
Surge current	≤ 20 A during 2 cycles per point ≤ 30 A during 1 cycle per point ≤ 30 A during 3 cycles per point
DV/Dt	400 V/ms
Response time	<= 0.5 ms at state 0 to state 1 <= 0.5 ms at state 1 to state 0
Protection type	Internal by RC filter
Power dissipation	1.85 + (1.1 V x total module load current)
Associated fuse rating	5 A
Marking	CE
Local signalling	1 LED green bus communication is present (Active) 1 LED red external fault detected (F) 16 LEDs green input status
Bus current requirement	350 mA
Module format	Standard
Product weight	0,485 kg

Environment

Product certifications	FM Class 1 Division 2 CUL
Standards	CSA 22-2 No 142 UL 508
Resistance to electrostatic discharge	4 kV contact IEC 801-2 8 kV on air IEC 801-2
Resistance to electromagnetic fields	10 V/m 80...1000 MHz 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
RoHS EUR conformity date	4Q2009
RoHS EUR status	Will be compliant