



Main

Range of product	Modicon Quantum automation platform
Product or component type	Processor
Software name	Concept ProWORX 32
Processor name	80486
Mathematical coprocessor	With

Complementary

Clock frequency	66 MHz
Memory description	Internal RAM 896 kB
Exact time for 1 Kinstruction	0.1...0.5 ms LL984
Watchdog timer	250 ms
Clock drift	+/-8 s/day at 0...60 °C
I/O words	64 I/64 O remote 64 I/64 O max local 30 I/32 O distributed
I/O words/network	500 I/500 O distributed
Drops/Network	63 distributed
Number of drops	31 remote
Number of network	3 distributed 2 remote
Battery type	Lithium 7 µA 210 µA
Battery capacity	1.2 AH
Battery life	10 yr
Number of port	2 Modbus RS232 1 Modbus Plus
Communication module processor	6 NOM, NOE, CR, NMS
Switch function	Key switch
Marking	CE
Bus current requirement	1250 mA
Module format	Standard
Product weight	0.85 kg

Environment

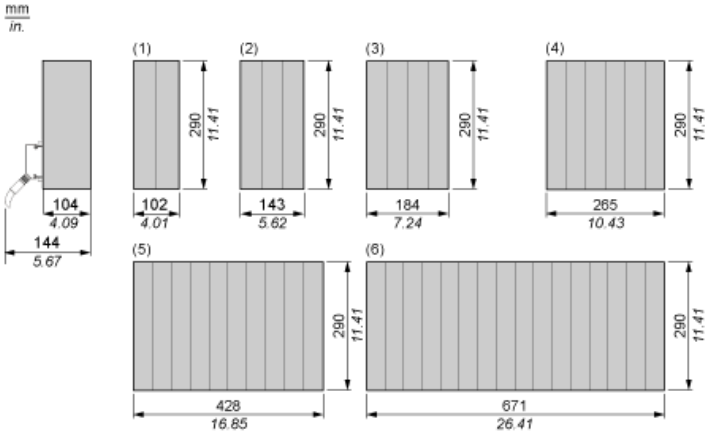
Protective treatment	Conformal coating Humiseal 1A33
Product certifications	CUL FM Class 1 Division 2
Standards	CSA 22-2 No 142 UL 508
Resistance to electrostatic discharge	8 kV on air conforming to IEC 801-2 4 kV contact conforming to IEC 801-2
Resistance to electromagnetic fields	10 V/m 80...2000 MHz conforming to IEC 801-3
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-40...85 °C

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Relative humidity	95 % without condensation
Operating altitude	<= 5000 m

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