



Main

Range of product	Modicon Quantum automation platform
Product or component type	AS-Interface master module

Complementary

Range compatibility	AS-Interface cabling system
AS-i version	V1
AS-i profile	M2
Addressing	Standard
Cycle time	<= 5 ms
Bus length	<= 100 m without repeater
Discrete input number	<= 124
Discrete output number	<= 124
Number of slave	<= 31
Number of module per PLC	2 per Quantum PLC distributed drop 4 per Quantum PLC local drop 4 per Quantum PLC remote drop
Supply	Via AS-Interface line
[Us] rated supply voltage	30 V DC
AS-i cabling system cycle time	156 x (n + 1) µs 31 156 x (n + 2) µs
Transmission rate	167 kbit/s
Reverse polarity protection	Internal
Local signalling	32 LEDs slave addresses and state of slave I/O bits
Electrical connection	1 male connector SUB-D 3 pins AS-Interface link
Current consumption	<= 100 mA
Typical current consumption	60 mA 30 V DC
Marking	CE
Product weight	0.45 kg

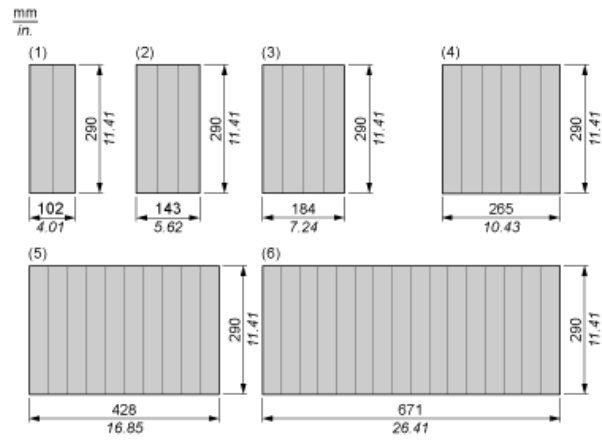
Environment

IP degree of protection	IP20
Ambient air temperature for operation	0...60 °C
Product certifications	CSA C-Tick FM GOST UL

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Racks for Modules Mounting

Dimensions



- (1) 2 slots
- (2) 3 slots
- (3) 4 slots
- (4) 6 slots
- (5) 10 slots
- (6) 16 slots

Depth with modules : 104 mm/4.09 in.

Quantum AS-i Master Module

AS-i Cable Connection

EIA92100 AS-i cable connection illustration The following figure shows the AS-i cable connection:

