



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
Actuator sensor interface profile [AS-i]	M2
Addressing	Standard
Cycle time	≤ 5 ms
Bus length	0...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	$156 \times (n + 1) \mu\text{s}$ $156 \times (n + 2) \mu\text{s}$
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

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

Environment

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

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

Quantum AS-i Master Module

AS-i Cable Connection

