170NEF11021

Modicon Momentum - Modbus Plus communication adaptor

Main

Range of product	Modicon Momentum automation platform
Product or component type	Modbus Plus communication adaptor
Bus manager PLC	Compact 984 Quantum
Structure type	Industrial
Communication port protocol	Modbus Plus
Method of access	Peer to peer Token bus
Transmission rate	1 Mbit/s
Transmission support medium	Twisted pair

Complementary

Topology	Multidrop, device connecting by extension or tap off cable
Number of devices	0...31 per segment 0...63 all segment
Cable length	<= 5000 m with repeater
Data format	984
Fail state	Forcing to state zero Maintain value Full scale value Fallback to zero
Supply	From I/O base
Marking	CE
Local signalling	1 LED green module powered up or communicating (MB + ACT) 1 LED red communication error network A (ERR A) 1 LED red communication error network B (ERR B)
Electrical connection	1 connector SUB-D 9 for connecting Modbus Plus network 1 connector SUB-D 9 for redundant Modbus Plus network

Environment

Product certifications	CSA UL
Protective treatment	TC
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

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1101 - 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

Contractual warranty

Warranty period	18 months

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