

# 170NEF16021

## Modicon Momentum - Modbus Plus communication adaptor

Product availability: Non-Stock - Not normally stocked in distribution facility

### Main

Commercial Status	End of commercialisation
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

Redundancy	Yes
Topology	Multidrop, device connecting by extension or tap off cable
Number of devices	0...63 all segment 0...31 per segment
Cable length	<= 16404.2 ft (5000 m) with repeater
Data format	984
Fail state	Fallback to zero Forcing to state zero Full scale value Maintain value
Supply	From I/O base
Marking	CE
Local signalling	1 LED red communication error network B (ERR B) 1 LED red communication error network A (ERR A) 1 LED green module powered up or communicating (MB + ACT)
Electrical connection	1 connector SUB-D 9 for redundant Modbus Plus network 1 connector SUB-D 9 for connecting Modbus Plus network

### Environment

Product certifications	CSA UL
Protective treatment	TC
Resistance to electrostatic discharge	8 kV on air IEC 801-2 4 kV contact IEC 801-2
Resistance to electromagnetic fields	9.14 V/yd (10 V/m) 80...1000 MHz IEC 801-3
Ambient air temperature for operation	32...140 °F (0...60 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Relative humidity	95 % without condensation
Operating altitude	<= 16404.2 ft (5000 m)

### Ordering and shipping details

Category	18206 - MOMENTUM PROCESSORS,I/O BASES,CONN.
Discount Schedule	PC31
GTIN	00785901324607
Nbr. of units in pkg.	1
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	FR

### Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1022 - <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold

### Contractual warranty

Warranty period	18 months
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