



Main

Product or Component Type	Ethernet module
Product Specific Application	Bus coupler module

Complementary

Range Compatibility	Modicon TM5 Modicon TM7
Product Compatibility	Logic controller Motion controller
Integrated connection type	Ethernet/IP
Connector type	RJ45 2 Ethernet daisy chain shielded
Exchange mode	Half duplex, full duplex, autonegotiation, auto MDIX
Transmission Rate	10/100 Mbit/s
Web server	Embedded
Local signalling	1 LED green/red module status 1 LED green/red network 1 LED green Ethernet activity (ETH1) 1 LED green Ethernet activity (ETH2)
Marking	CE EAC UL CSA
Width	0.98 in (25 mm)
Height	3.90 in (99 mm)
Depth	2.95 in (75 mm)
Net Weight	0.06 lb(US) (0.025 kg)

Environment

Standards	IEC 61131-2:2007 UL 508
Electromagnetic compatibility	Emission standard for industrial environments IEC 61000-6-4 2011/A1 Immunity for industrial environments IEC 61000-6-2
Product Certifications	UL 508[RETURN]CSA 22-2 No 142-M1987[RETURN]CSA 22-2 No 213-M1987
Ambient air temperature for operation	-4...140 °F (-20...60 °C) horizontal position) -4...122 °F (-20...50 °C) vertical position)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
Relative humidity	5...95 % non-condensing
IP Degree of Protection	IP20
Pollution degree	2 IEC 60664
Environmental characteristic	No corrosion resistance
Operating altitude	0...6561.68 ft (0...2000 m)
Storage altitude	0.00...9842.52 ft (0...3000 m)

Vibration resistance	3.5 mm constant amplitude 5...84 Hz 35 x 15 mm symmetrical DIN rail 9.8 m/s ² constant acceleration 8.4...150 Hz
Shock resistance	147 m/s ² 11 ms
Resistance to electrostatic discharge	4 kV contact discharge IEC 61000-4-2 8 kV air discharge IEC 61000-4-2
Resistance to electromagnetic fields	0.91 V/m (1 V/m) 2...2.7 GHz IEC 61000-4-3 9.14 V/m (10 V/m) 80 MHz...2 GHz IEC 61000-4-3
Resistance to fast transients	1 kV IEC 61000-4-4 I/O) 1 kV IEC 61000-4-4 shielded cable) 2 kV IEC 61000-4-4 power lines)
Surge withstand	0.5 kV in differential mode 24 V DC IEC 61000-4-5 1 kV in common mode 24 V DC IEC 61000-4-5 1 kV in differential mode 230 V AC IEC 61000-4-5 2 kV in common mode 230 V AC IEC 61000-4-5
Disturbance radiated/conducted	10 V 0.15...80 MHz IEC 61000-4-6

Ordering and shipping details

Category	22532-M258 PLC
Discount Schedule	PC12
GTIN	3606489661915
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.26 in (3.2 cm)
Package 1 Width	2.36 in (6.0 cm)
Package 1 Length	4.13 in (10.5 cm)
Package 1 Weight	2.19 oz (62.0 g)
Unit Type of Package 2	S02
Number of Units in Package 2	50
Package 2 Height	5.91 in (15.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	8.40 lb(US) (3.81 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
PVC free	Yes