



Price* : 1,270.00 USD



Main

Range of product	Logic/motion controller - Modicon M262
Product or component type	Logic controller
[Us] rated supply voltage	24 V DC - 15...20 %
Discrete input number	4, discrete input fast input IEC 61131-2 Type 1
Discrete output type	Transistor
Discrete output number	4 transistor fast output
Discrete output voltage	24 V DC
Discrete I/O number	8
Communication port protocol	Ethernet IP/Modbus TCP serial link Modbus RTU and ASCII HTTP HTTPS

Complementary

Number of overvoltage protection	With
Discrete output current	0.5 A transistor output (Q0...Q3) 0.5 A fast output (Q0...Q3)
Maximum number of I/O expansion module	7 remote 7 local
Supply voltage limits	20.4...28.8 V DC
Inrush current	40 A
PLC Power Consumption	82 W
Discrete input logic	Sink or source
Discrete input voltage	24 V
Discrete input voltage type	DC
Voltage state 1 guaranteed	>= 15 V DC
Voltage state 0 guaranteed	<= 5 V DC

* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Discrete input current	7.5 mA input 7.5 mA fast input
Input impedance	2.81 kOhm input
Response time	<= 1 µs turn-on, I0...I3 fast input <= 1 µs turn-off, I0...I3 fast input <= 1 µs turn-on, Q0...Q3 fast output <= 1 µs turn-off, Q0...Q3 fast output
Configurable filtering time	0.5 ms fast input 0.01 ms fast input 0.002 ms fast input 1 ms fast input 4 ms fast input 0.1 ms fast input 0.05 ms fast input 0.005 ms fast input 0.001 ms fast input 12 ms fast input
Discrete output logic	Source
Output voltage limits	30 V DC
Maximum current per output common	0.5 A Q0...Q3 fast output
Maximum output frequency	300 kHz
Accuracy	+/- 0.1 % 0.02...0.1 kHz fast output +/- 1 % 0.1...1 kHz fast output
Maximum leakage current	10 µA output
Maximum tungsten load	<1.5 W
Protection type	Short-circuit and overload protection with automatic reset Reverse polarity protection Short-circuit protection
Reset time	200 ms automatic reset fast output
Memory capacity	32 MB program RAM 32 MB OS/website RAM 192 MB system memory RAM
Data backed up	1 GB built-in flash memory backup of user programs
Data storage equipment	<= 32 GB SDHC card optional)
Backup time	1000 h 77 °F (25 °C)
Execution time for 1 KInstruction	0.005 ms
Application structure	8 event tasks 4 cyclic master tasks 3 cyclic master tasks + 1 freewheeling task 8 external event tasks
Realtime clock	With
Clock drift	<= 10 s/month <= 10 s/month 77 °F (25 °C)
Positioning functions	Libraries axes coordinated
Integrated connection type	USB type mini B EtherNet port1 Ethernet 1 RJ45 EtherNet port2 / switch Ethernet 2 2 RJ45 Serial link RJ45
Transmission rate	115 kbit/s RS485 115 kbit/s 49.21 ft (15 m) RS485 115 kbit/s 9.84 ft (3 m) RS232 480 Mbit/s 9.84 ft (3 m) USB 10/100 Mbit/s Ethernet1 115 kbit/s RS232 1 Gbit/s Ethernet2 480 Mbit/s USB 10/100 Mbit/s 1 Gbit/s
Communication service	Ethernet/IP adapter DHCP client IEC VAR ACCESS Modbus TCP client Modbus TCP server SNMP client/server FTP client/server

	<p>SQL client Send and receive email from the controller based on TCP/UDP library Web server OPC UA server DNS client Web visu Ethernet RSTP MQTT</p>
Local signalling	<p>PWR 1 LED green/red) RUN 1 LED green/red) ERROR (fault) 1 LED green/red) Stop forced 1 LED green/red) I/O error (I/O) 1 LED green/red) Sd card activity 1 LED green/orange) SL activity 1 LED green/orange) ETH1 state 1 LED green/red) ETH2 state 1 LED green/red) EIP MS 1 LED green/red) EIP NS 1 LED green/red)</p>
Electrical connection	<p>removable spring terminal block removable spring terminal block for connecting the 24 V DC power supply</p>
Maximum cable distance between devices	<p>Shielded cable <9.84 ft (3 m) fast input Shielded cable <9.84 ft (3 m) fast output Unshielded cable <164.04 ft (50 m) input Unshielded cable <164.04 ft (50 m) output</p>
Insulation	<p>Between fast input and internal logic 550 V AC Non-insulated between inputs Between output and internal logic 500 V AC Between fast output and internal logic 500 V AC Non-insulated between outputs Between input and output 500 V AC Between supply and internal logic 500 V AC Non-insulated between supply and ground</p>
Surge withstand	<p>1 kV power lines (DC) common mode EN/IEC 61000-4-5 1 kV shielded cable common mode EN/IEC 61000-4-5 0.5 kV relay output differential mode EN/IEC 61000-4-5 1 kV input common mode EN/IEC 61000-4-5 1 kV transistor output common mode EN/IEC 61000-4-5</p>
Maximum number of connections	<p>64 Ethernet/IP device 64 Modbus TCP device 96</p>
Mounting support	<p>Top hat type TH35-15 rail IEC 60715 Top hat type TH35-7.5 rail IEC 60715 plate or panel with fixing kit</p>
Maximum Height	3.94 in (100 mm)
Maximum Depth	3.54 in (90 mm)
Maximum Width	4.92 in (125 mm)
Net Weight	1.44 lb(US) (0.655 kg)

Environment

Standards	<p>UL 61010-1 UL 61010-2-201 CSA C22.2 No 61010-1 CSA C22.2 No 61010-2-201 CSA C22.2 No 213 ANSI/ISA 12-12-01 EN 61131-2</p>
Product certifications	<p>CE CULus RCM EAC Achilles</p>
Resistance to electrostatic discharge	<p>4 kV on contact EN/IEC 61000-4-2 8 kV on air EN/IEC 61000-4-2</p>
Resistance to electromagnetic fields	<p>9.14 V/m (10 V/m) 80 MHz...1 GHz EN/IEC 61000-4-3 2.74 V/m (3 V/m) 1.4 GHz...2 GHz EN/IEC 61000-4-3 0.91 V/m (1 V/m) 2 GHz...3 GHz EN/IEC 61000-4-3</p>
Resistance to fast transients	2 kV EN/IEC 61000-4-4 power lines)

	1 kV EN/IEC 61000-4-4 Ethernet line) 1 kV EN/IEC 61000-4-4 serial link) 1 kV EN/IEC 61000-4-4 input) 1 kV EN/IEC 61000-4-4 transistor output)
Resistance to conducted disturbances	10 V 0.15...80 MHz EN/IEC 61000-4-4 3 V 0.1...80 MHz 10 V spot frequency (2, 3, 4, 6.2, 8.2, 12.6, 16.5, 18.8, 22, 25 MHz)
Electromagnetic emission	Conducted emissions 120...69 dB μ V/m QP power lines)10...150 kHz EN/IEC 55011 Conducted emissions 63 dB μ V/m QP power lines)1.5...30 MHz EN/IEC 55011 Radiated emissions 40 dB μ V/m30...230 kHz EN/IEC 55011 Conducted emissions 79...63 dB μ V/m QP power lines)150...1500 kHz EN/IEC 55011 Radiated emissions230...1000 MHz EN/IEC 55011
Immunity to microbreaks	0.01 ms
Ambient air temperature for operation	-4...140 °F (-20...60 °C) horizontal installation) -4...122 °F (-20...50 °C) vertical installation) -4...113 °F (-20...45 °C) flat mounting)
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Relative humidity	10...95 %, without condensation in operation) 10...95 %, without condensation in storage)
IP degree of protection	IP20
Pollution degree	2
Operating altitude	0...6561.68 ft (0...2000 m)
Storage altitude	0.00...9842.52 ft (0...3000 m)
Vibration resistance	3.5 mm 2...8.4 Hz symmetrical rail 1 gn 8.4...200 Hz symmetrical rail 3.5 mm 2...8.4 Hz panel mounting 1 gn 8.4...200 Hz panel mounting
Shock resistance	15 gn 11 ms

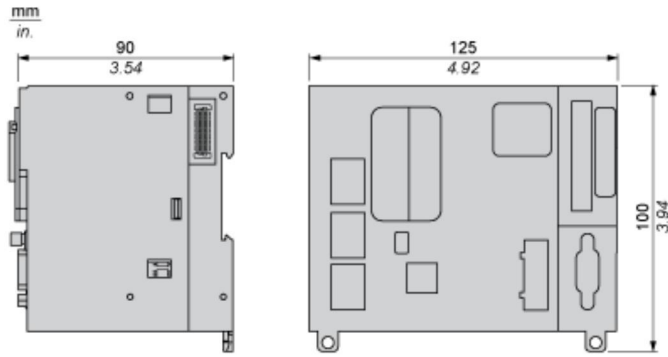
Ordering and shipping details

Category	22534 - MODICON M262
Discount Schedule	MSX
GTIN	03606489604189
Returnability	Yes
Country of origin	US

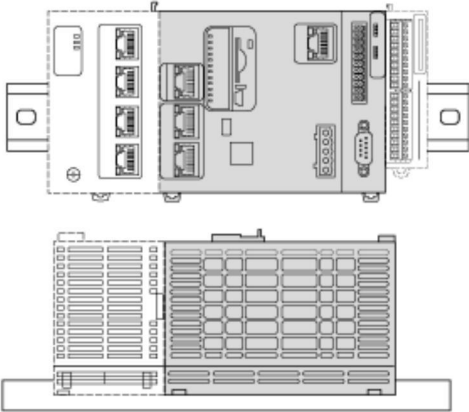
Offer Sustainability

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
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
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

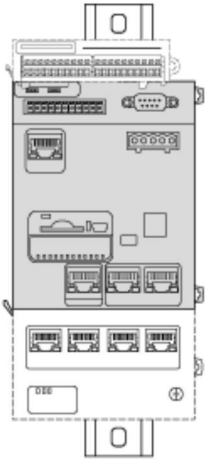
Side and Front Views



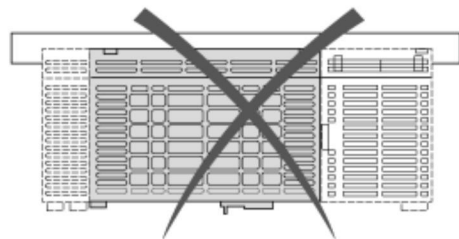
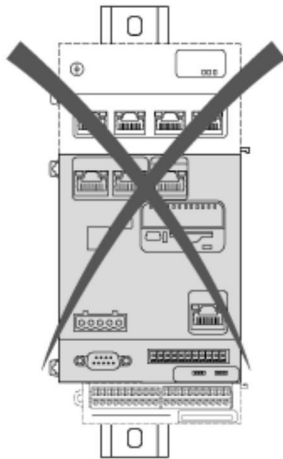
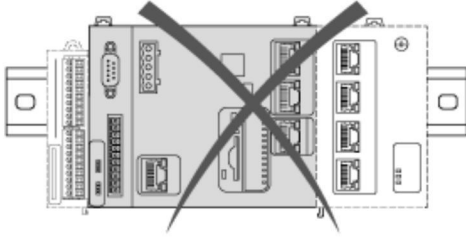
Correct Mounting Position



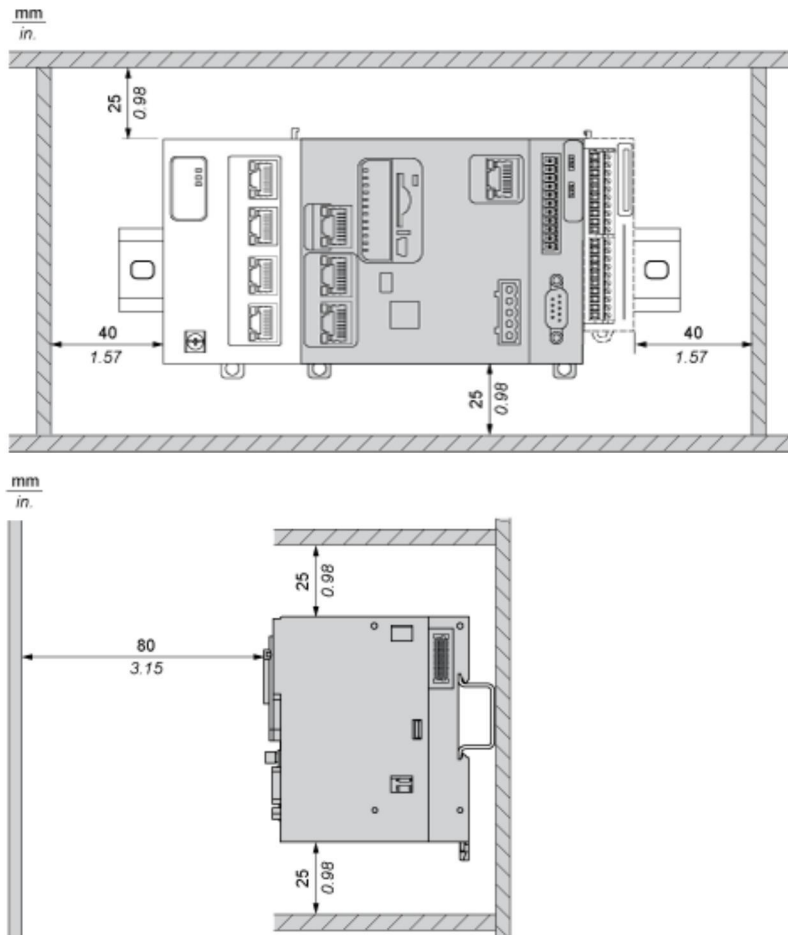
Acceptable Mounting Position



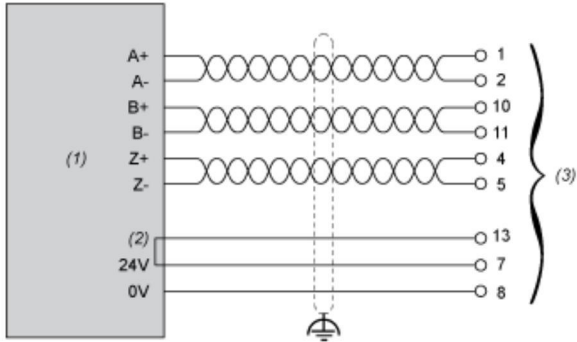
Incorrect Mounting Positions



Minimum Clearances

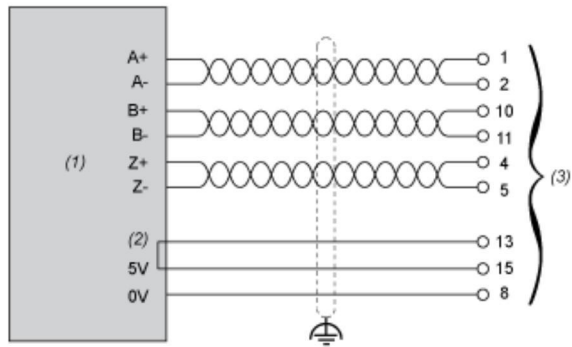


Encoder RS422 / 24 VDC



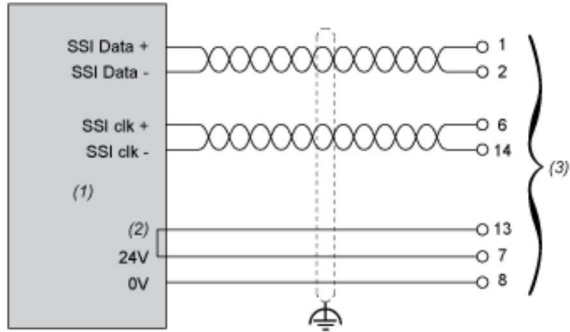
- (1) Encoder
- (2) Return Option
- (3) Encoder Sub-D

Encoder RS422 / 5 VDC or Push Pull



- (1) Encoder
- (2) Return Option
- (3) Encoder Sub-D

Encoder SSI



- (1) Encoder
- (2) Return Option
- (3) Encoder Sub-D