

Product data sheet

Specifications



distributed PAC controller, Modicon M262

TM262L01MDESE8T

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

Price*: 835.00 USD

Main

Range of Product	EcoStruxure Automation Expert
Product or Component Type	DPAC module
[Us] rated supply voltage	24 V DC - 15...20 %

Complementary

Supply voltage limits	20.4...28.8 V DC
PLC Power Consumption	82 W
Inrush current	40 A
Overvoltage protection	With
Maximum number of I/O expansion module	7TM3 IO module (local I/O-Architecture) 7TM3 IO module (remote I/O-Architecture)
Execution time for 1 KInstruction	0.005 ms
Data backed up	1 GB built-in flash memory backup of user programs
Backup time	1000 h 77 °F (25 °C)
Realtime clock	With
Clock drift	<= 10 s/month 77 °F (25 °C)
Integrated connection type	Ethernet 1 RJ45 10/100BASE-T Ethernet 2 2 RJ45 100/1000BASE-T Serial link RJ45 RS232/RS485 TM3 IO bus
Transmission rate	57.6 kbit/s 49.2 ft (15 m) RS485 57.6 kbit/s 9.8 ft (3 m) RS232 10/100 Mbit/s Ethernet1 10/100/1000 Mbit/s Ethernet2
Communication port protocol	EtherNet/IP scanner Modbus TCP client/server Modbus TCP IO scanner Modbus SL client/server
Maximum Number of Connected Devices	EtherNet/IP <64 Modbus TCP <64 Modbus TCP/EtherNet/IP <96
Communication Service	OPC UA server (Encrypt) HTTPs Methods (API) NTP client

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

Local signalling	<p>for PWR 1 LED (green/red)</p> <p>for RUN 1 LED (green/red)</p> <p>for ERROR (fault) 1 LED (green/red)</p> <p>for stop forced 1 LED (green/red)</p> <p>for I/O error (I/O) 1 LED (green/red)</p> <p>for SD card activity 1 LED (green/orange)</p> <p>for SL activity 1 LED (green/orange)</p> <p>for ETH1 state 1 LED (green/red)</p> <p>for ETH2 state 1 LED (green/red)</p> <p>for EIP MS 1 LED (green/red)</p> <p>for EIP NS 1 LED (green/red)</p>
Electrical connection	<p>removable spring terminal block for inputs and outputs</p> <p>removable spring terminal block for connecting the 24 V DC power supply</p>
Maximum cable distance between devices	<p>Shielded cable <98.4 ft (30 m) RS485 link</p> <p>Shielded cable <49.2 ft (15 m) RS232</p>
Insulation	<p>Between supply and internal logic 500 V AC</p> <p>Non-insulated between supply and ground</p>
Surge withstand	<p>1 kV power lines (DC) common mode EN/IEC 61000-4-5</p> <p>1 kV shielded cable common mode EN/IEC 61000-4-5</p> <p>0.5 kV relay output differential mode EN/IEC 61000-4-5</p> <p>1 kV input common mode EN/IEC 61000-4-5</p> <p>1 kV transistor output common mode EN/IEC 61000-4-5</p>
Mounting support	<p>Top hat type TH35-15 rail IEC 60715</p> <p>Top hat type TH35-7.5 rail IEC 60715</p> <p>plate or panel with fixing kit</p>
Height	3.9 in (100 mm)
Depth	3.5 in (90 mm)
Width	4.9 in (125 mm)
Net Weight	1.444 lb(US) (0.655 kg)

Environment

Standards	<p>UL 61010-1</p> <p>UL 61010-2-201</p> <p>CSA C22.2 No 61010-1</p> <p>CSA C22.2 No 61010-2-201</p> <p>CSA C22.2 No 213</p> <p>ANSI/ISA 12-12-01</p> <p>EN 61131-2</p>
Product Certifications	<p>CE</p> <p>cULus</p> <p>cULus HazLoc Class I Division 2 CSA 22-2 No 213</p> <p>RCM</p>
Resistance to electrostatic discharge	<p>4 kV on contact EN/IEC 61000-4-2</p> <p>8 kV on air EN/IEC 61000-4-2</p>
Resistance to electromagnetic fields	<p>9.1 V/m (10 V/m) 80 MHz...1 GHz EN/IEC 61000-4-3</p> <p>2.7 V/m (3 V/m) 1.4 GHz...2 GHz EN/IEC 61000-4-3</p> <p>0.9 V/m (1 V/m) 2 GHz...3 GHz EN/IEC 61000-4-3</p>
Resistance to fast transients	<p>2 kV EN/IEC 61000-4-4 power lines)</p> <p>1 kV EN/IEC 61000-4-4 Ethernet line)</p> <p>1 kV EN/IEC 61000-4-4 serial link)</p> <p>1 kV EN/IEC 61000-4-4 input)</p> <p>1 kV EN/IEC 61000-4-4 transistor output)</p>
Resistance to conducted disturbances	<p>10 V 0.15...80 MHz EN/IEC 61000-4-4</p> <p>3 V 0.1...80 MHz</p> <p>10 V spot frequency (2, 3, 4, 6.2, 8.2, 12.6, 16.5, 18.8, 22, 25 MHz)</p>
Electromagnetic emission	<p>Conducted emissions 120...69 dBμV/m QP power lines)10...150 kHz EN/IEC 55011</p> <p>Conducted emissions 63 dBμV/m QP power lines)1.5...30 MHz EN/IEC 55011</p> <p>Radiated emissions 40 dBμV/m30...230 kHz EN/IEC 55011</p> <p>Conducted emissions 79...63 dBμV/m QP power lines)150...1500 kHz EN/IEC 55011</p> <p>Radiated emissions230...1000 MHz EN/IEC 55011</p>
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	5...95 %, without condensation in operation) 5...95 %, without condensation in storage)
IP degree of protection	IP20
Pollution degree	2
Operating altitude	0...6561.68 ft (0...2000 m)
Storage altitude	0.000000000...9842.5 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	US1PC1522555
Discount Schedule	PC15
GTIN	3606486108246
Returnability	No
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.43 in (13.800 cm)
Package 1 Width	7.20 in (18.300 cm)
Package 1 Length	5.16 in (13.100 cm)
Package 1 Weight	29.453 oz (835.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	16.402 lb(US) (7.440 kg)

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[How we assess product sustainability >](#)



Transparency

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Pro-active compliance (Product out of EU RoHS legal scope)

China Rohs Regulation [China RoHS declaration](#)

Environmental Disclosure [Product Environmental Profile](#)

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Circularity Profile [End of Life Information](#)

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

Scip Number Aee2b861-0272-4e88-8e3e-89ad0cfa3229

Dimensions Drawings

Side and Front Views

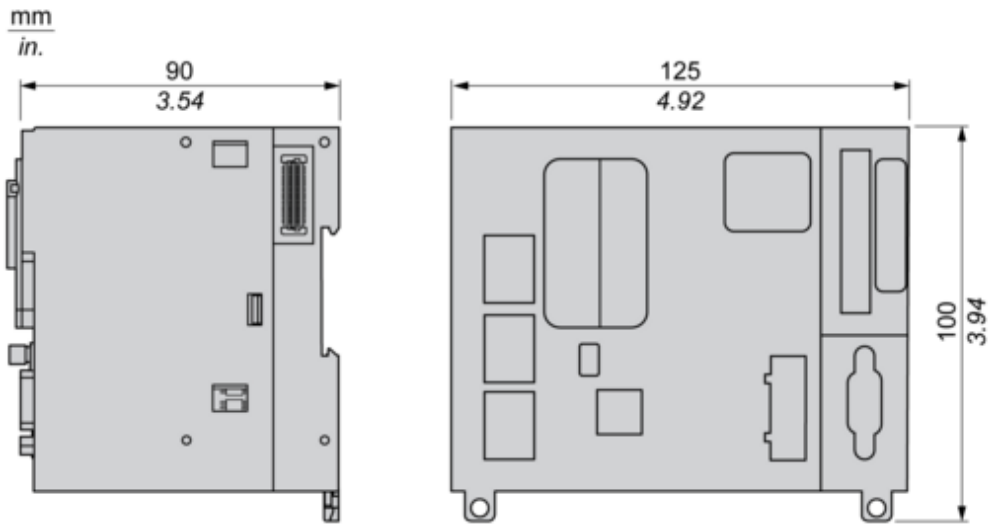


Image of product / Alternate images

Alternative

