

Product data sheet

Specifications



Discrete output module, Modicon TM5, digital 2O, 100 to 240 V AC, 1 A, 3 wires

TM5SDO2S

Product availability : Stock - Normally stocked in distribution facility

Main

Range of Product	Modicon TM5
Product or Component Type	Discrete output module
Discrete output number	2
Discrete output type	Relay

Complementary

Range Compatibility	Modicon M258 Modicon LMC058 PacDrive LMC motion controller
Product Compatibility	Motion controller PacDrive LMC Pro 2 PacDrive LMC Eco PacDrive LMC Pro Logic controller
Output voltage	100...240 V AC
Current per channel	1 A
Color	Black
Electrical connection	3 wires
Marking	CE

Environment

Standards	CSA C22.2 No 142 IEC 61131-2 CSA C22.2 No 213 UL 508
Product Certifications	CSA GOST-R cULus C-tick
Ambient air temperature for operation	14...131 °F (-10...55 °C) without derating horizontal installation) 14...140 °F (-10...60 °C) with derating factor horizontal installation) 14...122 °F (-10...50 °C) vertical installation)
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Relative Humidity	5...95 % without condensation
IP degree of protection	IP20IEC 61131-2
Pollution degree	2 IEC 60664

Operating altitude	0...6561.68 ft (0...2000 m)
Storage altitude	0.00...9842.52 ft (0...3000 m)
Vibration resistance	1 gn 8.4...150 Hz DIN rail 3.5 mm 5...8.4 Hz DIN rail
Shock resistance	15 gn 11 ms
Electromagnetic compatibility	Electrostatic discharge immunity test, 4 kV on contact EN/IEC 61000-4-2 Electrostatic discharge immunity test, 8 kV in air EN/IEC 61000-4-2 Susceptibility to electromagnetic fields, 1 V/m 2...2.7 GHz EN/IEC 61000-4-3 Susceptibility to electromagnetic fields, 10 V/m 80...2000 MHz EN/IEC 61000-4-3 Electrical fast transient/burst immunity test, 1 kV I/O EN/IEC 61000-4-4 Electrical fast transient/burst immunity test, 1 kV shielded cable EN/IEC 61000-4-4 Electrical fast transient/burst immunity test, 2 kV power lines EN/IEC 61000-4-4 1.2/50 µs shock waves immunity test, 0.5 kV differential mode EN/IEC 61000-4-5 1.2/50 µs shock waves immunity test, 1 kV common mode EN/IEC 61000-4-5 Conducted RF disturbances EN/IEC 61000-4-6 Conducted and radiated emissions CISPR 11

Ordering and shipping details

Category	22532-M258 PLC
Discount Schedule	PC12
GTIN	3595864075464
Returnability	No
Country of origin	AT

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	0.79 in (2.0 cm)
Package 1 Width	2.36 in (6.0 cm)
Package 1 Length	4.13 in (10.5 cm)
Package 1 Weight	1.80 oz (51.0 g)

Offer Sustainability

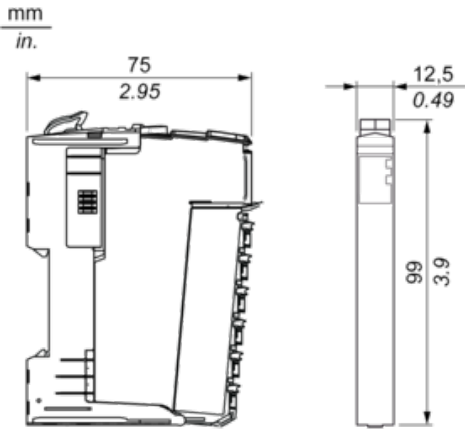
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
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

Contractual warranty

Warranty	18 months
----------	-----------

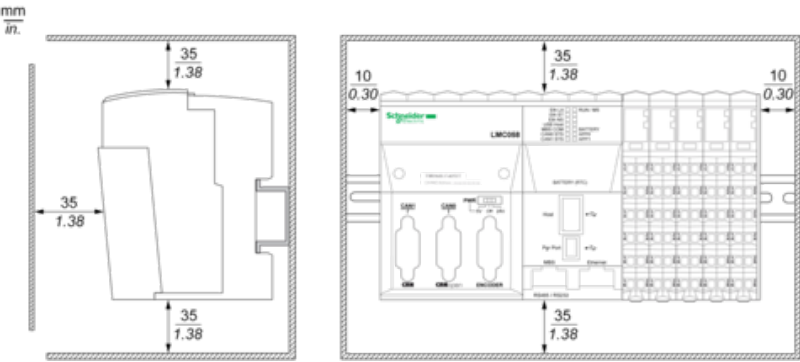
TM5 Slice

Dimensions

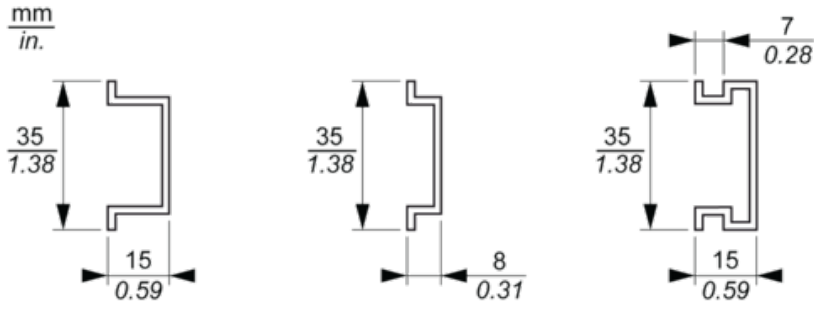


TM5 System

Spacing Requirements

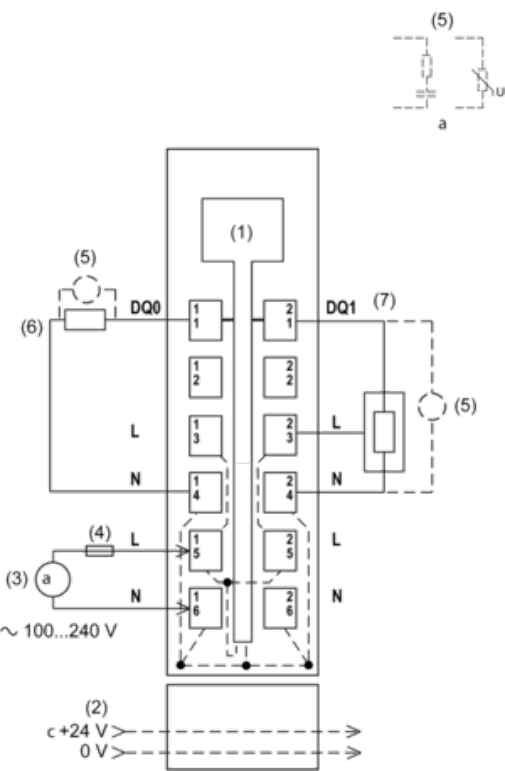


Mounting on a DIN Rail



Electronic Module 2DO 240 Vac Triac 1 A 3 Wires

Wiring Diagram



- 1 Internal electronics
- 2 24 Vdc I/O power segment integrated into the bus bases
- 3 External power supply 100...240 Vac
- 4 External fuse type T slow-blow 3.15 A - 250 V
- 5 Inductive load protection
- 6 2-wire load
- 7 3-wire load

Recommended replacement(s)