

# Product data sheet

Specifications



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

TM5SDO2S

**Product availability: Non-Stock - Not 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...9842.5 ft (0...3000 m)

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

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

## Ordering and shipping details

<b>Category</b>	US1PC1222532
<b>Discount Schedule</b>	PC12
<b>GTIN</b>	3595864075464
<b>Returnability</b>	No
<b>Country of origin</b>	AT

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	0.8 in (2.0 cm)
<b>Package 1 Width</b>	2.4 in (6.0 cm)
<b>Package 1 Length</b>	4.1 in (10.5 cm)
<b>Package weight(Lbs)</b>	1.8 oz (51.0 g)

## Contractual warranty

<b>Warranty</b>	18 months
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Environmental footprint

[Environmental Disclosure](#)

[Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard

No

Packaging without single use plastic

Yes

[EU RoHS Directive](#)

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

REACH Regulation

[REACH Declaration](#)

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](http://www.P65Warnings.ca.gov)

PVC free

Yes

## Use Again

### Repack and remanufacture

[Circularity Profile](#)

[End of Life Information](#)

Take-back

No

WEEE Label

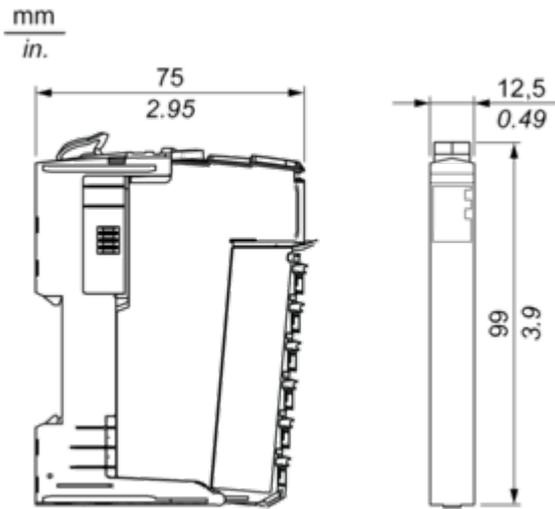
 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions Drawings

TM5 Slice

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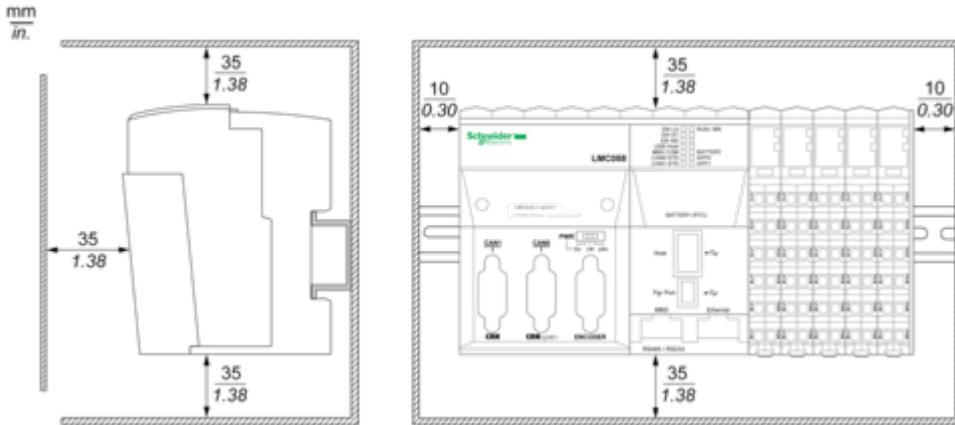
Dimensions



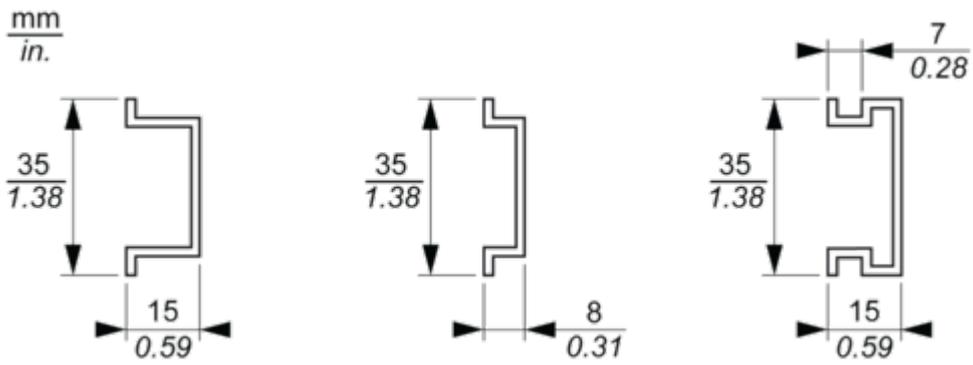
Mounting and Clearance

TM5 System

Spacing Requirements



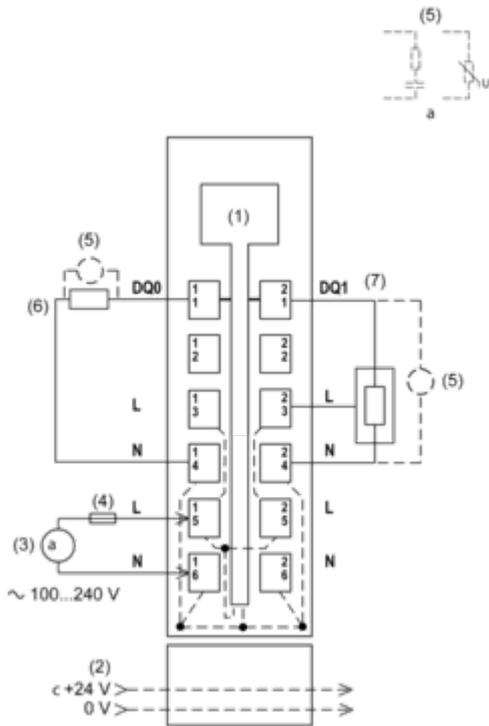
Mounting on a DIN Rail



Connections and Schema

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