



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
Colour	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[RETURN]GOST-R[RETURN]cULus[RETURN]C-Tick
Ambient air temperature for operation	-10...55 °C without derating (horizontal installation) -10...60 °C with derating factor (horizontal installation) -10...50 °C (vertical installation)
Ambient air temperature for storage	-40...70 °C
Relative humidity	5...95 % without condensation
IP degree of protection	IP20 conforming to IEC 61131-2
Pollution degree	2 conforming to IEC 60664
Operating altitude	0...2000 m
Storage altitude	0...3000 m
Vibration resistance	1 gn at 8.4...150 Hz on DIN rail 3.5 mm at 5...8.4 Hz on DIN rail

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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.0 cm
Package 1 Width	6.0 cm
Package 1 Length	10.5 cm
Package 1 Weight	51.0 g

Offer Sustainability

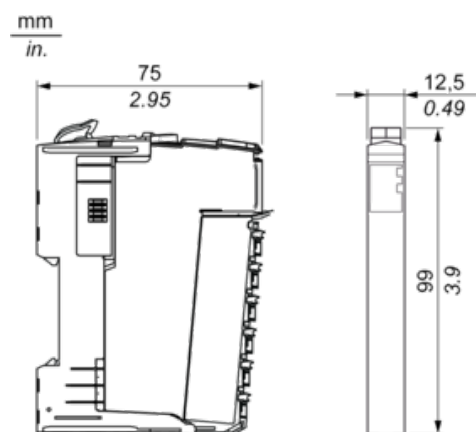
Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption 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
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

Contractual warranty

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

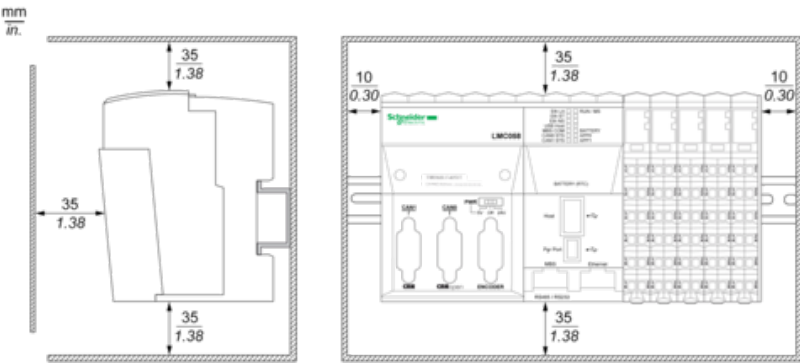
TM5 Slice

Dimensions

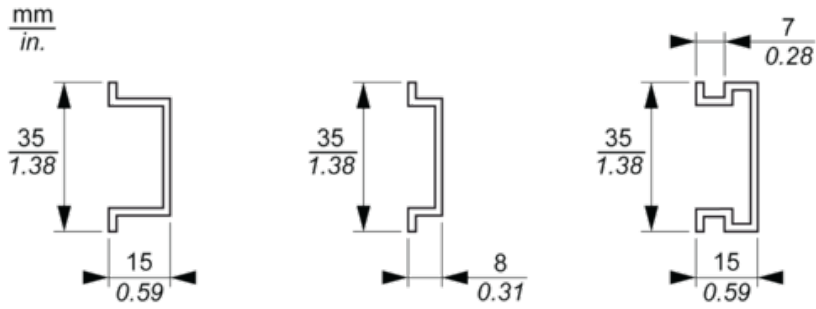


TM5 System

Spacing Requirements

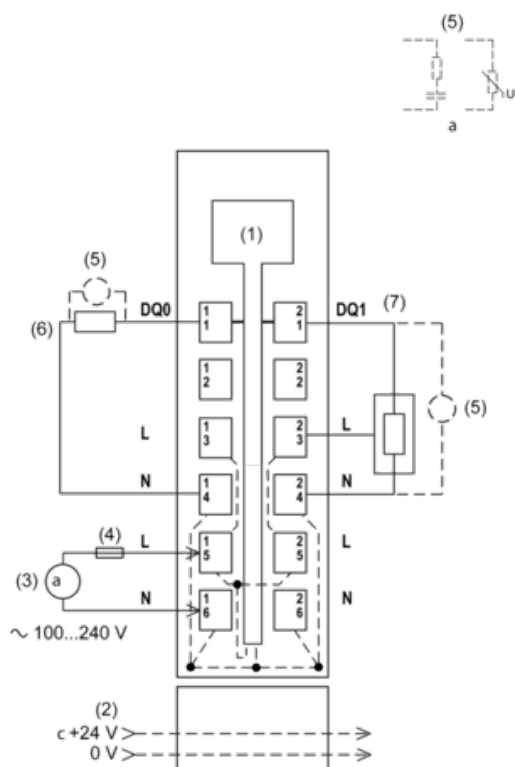


Mounting on a DIN Rail



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