



## 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 LMC058<br>Modicon M258<br>PacDrive LMC motion controller                                    |
| Product compatibility | Motion controller<br>Logic controller<br>PacDrive LMC Pro<br>PacDrive LMC Eco<br>PacDrive LMC Pro 2 |
| 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<br>IEC 61131-2<br>UL 508<br>CSA C22.2 No 213                                                                                                |
| Product certifications                | CSA<br>C-Tick<br>CULus<br>GOST-R                                                                                                                             |
| Ambient air temperature for operation | -10...50 °C vertical installation<br>-10...60 °C with derating factor horizontal installation<br>-10...55 °C without derating factor horizontal 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                  | 3.5 mm (f = 5...8.4 Hz) DIN rail<br>1 gn (f = 8.4...150 Hz) DIN rail                                                                                         |

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

### Offer Sustainability

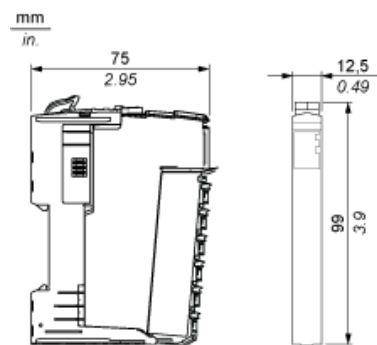
|                               |                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------|
| Sustainable offer status      | Not Green Premium product                                                             |
| RoHS (date code: YYWW)        | Compliant - since 1039 - <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                         | Reference not containing SVHC above the threshold                                     |
| Product environmental profile | Available                                                                             |

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TM5 Slice

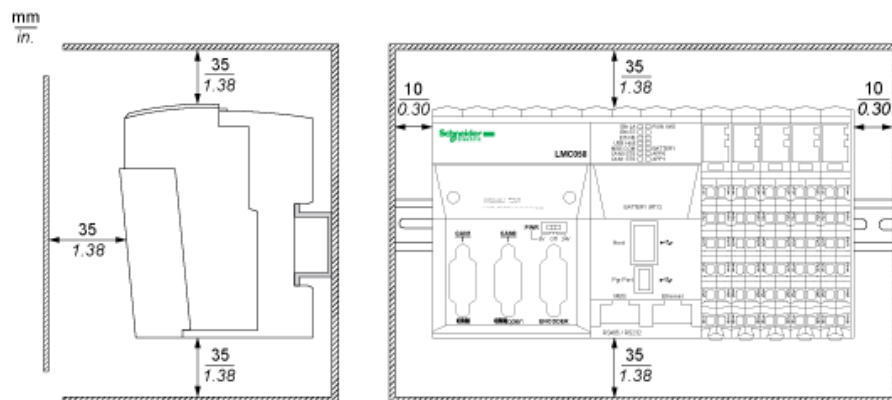
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Dimensions

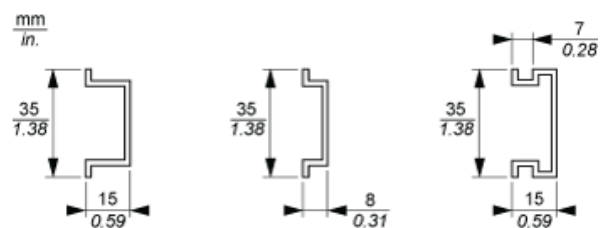


## TM5 System

### Spacing Requirements

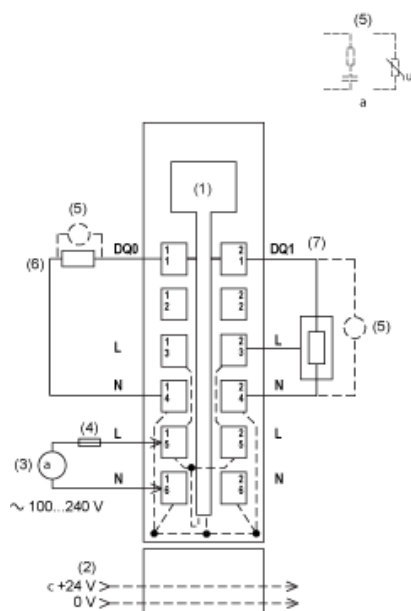


### Mounting on a DIN Rail



## 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