



Galvenā

Produkta sērija	Modicon TM3
Produkta vai sastāvdaļas veids	Discrete output module
Saderība ar	Modicon M241 Modicon M251 Modicon M221 Modicon M262
Discrete output type	Relay normally open
Discrete output number	8
Discrete output logic	Positive or negative
Discrete output voltage	24 V DC releja izeja 240 V AC
Discrete output current	2000 mA releja izeja

Papildinošs

Discrete I/O number	8
Current consumption	5 mA 5 V DC via bus connector at state off) 0 mA 24 V DC via bus connector at state off) 40 mA 24 V DC via bus connector at state on) 30 mA 5 V DC via bus connector at state on)
Response time	10 ms turn-on) 5 ms turn-off)
Mechanical durability	20000000 cikli
Minimum load	10 mA 5 V DC releja izeja
Lokālā signalizēšana	Priekš output status 1 LED uz kanālu (zaļš)
Electrical connection	11 x 2,5 mm ² removable spring terminal block pitch 5.08 mm izejai
Maximum cable distance between devices	Unshielded cable <30 m releja izeja
Insulation	Between output and internal logic 2300 V AC Between outputs 750 V AC Between output groups 1500 V AC
Markējums	CE
Mounting support	Top hat type TH35-15 rail IEC 60715 Top hat type TH35-7.5 rail IEC 60715 Plate or panel with fixing kit
Augstums	90 mm
Dzījums	84,6 mm
Platums	27,4 mm
Neto svars	0,11 kg

Vide

Standarti	IEC 61131-2
Produkta sertifikācija	CE[RETURN]cULus[RETURN]UKCA[RETURN]RCM[RETURN]EAC[RETURN]cULu HazLoc
Resistance to electrostatic discharge	8 kV in air IEC 61000-4-2 4 kV on contact IEC 61000-4-2
Resistance to electromagnetic fields	10 V/M 80 MHz...1 GHz IEC 61000-4-3 3 V/M 1.4 GHz...2 GHz IEC 61000-4-3 1 V/m 2 GHz...3 GHz IEC 61000-4-3
Resistance to magnetic fields	30 A/m 50/60 Hz IEC 61000-4-8
Resistance to fast transients	2 kV relay output IEC 61000-4-4

Surge withstand	1 kV I/O common mode IEC 61000-4-5 DC
Resistance to conducted disturbances	10 V 0.15...80 MHz IEC 61000-4-6 3 V spot frequency (2, 3, 4, 6.2, 8.2, 12.6, 16.5, 18.8, 22, 25 MHz) Marine specification (LR, ABS, DNV, GL)
Electromagnetic emission	Radiated emissions 40 dB μ V/m QP class A 10 m)30...230 MHz IEC 55011 Radiated emissions 47 dB μ V/m QP class A 10 m)230...1000 MHz IEC 55011
Ambient air temperature for operation	-10...35 °C vertical installation -10...55 °C horizontal installation
Apkārtējā gaisa temperatūra uzglabāšanai	-25...70 °C
Relative humidity	10...95 %, without condensation in operation) 10...95 %, without condensation in storage)
IP aizsardzības pakāpe	IP20 with protective cover in place
Piesārņojuma pakāpe	2
Darbības augstums	0...2000 m
Uzglabāšanas augstums	0...3000 m
Vibration resistance	3.5 mm 5...8,4 Hz DIN sliede 3 gn 8,4...150 Hz DIN sliede 3.5 mm 5...8,4 Hz panelis 3 gn 8,4...150 Hz panelis
Shock resistance	15 gn 11 ms

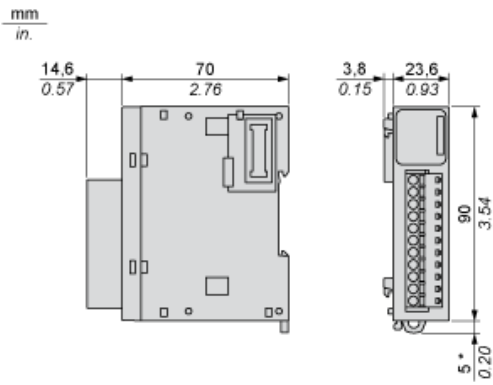
Iepakojšanas vienības

Pirmā iepakojuma vienības tips	PCE
Vienību skaits 1. iepakojumā	1
1. iepakojuma augstums	7,5 cm
1. iepakojuma platums	12,5 cm
1. iepakojuma garums	10,5 cm
1. iepakojuma svars	230,0 g
Otrā iepakojuma vienības tips	S02
Vienību skaits 2. iepakojumā	9
2. iepakojuma augstums	15 cm
2. iepakojuma platums	30 cm
2. iepakojuma garums	40 cm
2. iepakojuma svars	2,427 kg
Trešā iepakojuma vienības tips	P12
Vienību skaits 3. iepakojumā	432
3. iepakojuma augstums	195 cm
3. iepakojuma platums	120 cm
3. iepakojuma garums	80 cm
3. iepakojuma svars	127 kg

Piedāvājiēt ilgtspēju

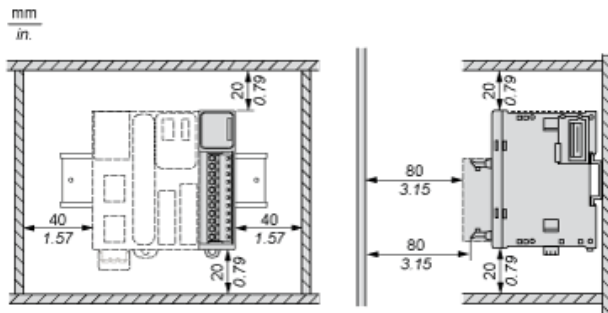
Ilgtspējīgs piedāvājuma statuss	Green Premium izstrādājums
REACH regula	 REACH Deklarācija
Nesatur REACH SVHC	Jā
ES RoHS direktīva	Proaktīva atbilstība (uz izstrādājumu neattiecas ES RoHS juridiskās saistības)  ES RoHS deklarācija
Nesatur toksiskus smagos metālus	Jā
Nesatur dzīvsudrabu	Jā
Ķīnas RoHS regula	 Ķīnas RoHS Deklarācija
Informācija par RoHS izņēmumiem	 Jā
Vides informācijas publiskošana	 Produkta Ietekme Uz Vidi
Cirkularitātes profils	 Informācija Par Eksploatācijas Izbeigšanu
WEEE	Eiropas Savienības tirgū no šī produkta ir jāatbrīvojas, ievērojot noteiktu atkritumu savākšanas kārtību, un produkts nedrīkst nonākt sadzīves atkritumu tvertnēs.
Nesatur PVH	Jā

Dimensions

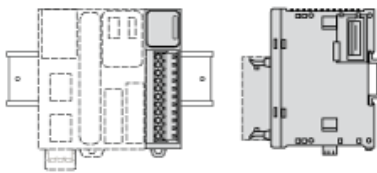


(*) 8.5 mm/0.33 in. when the clamp is pulled out.

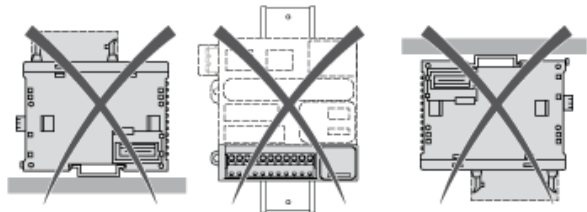
Spacing Requirements



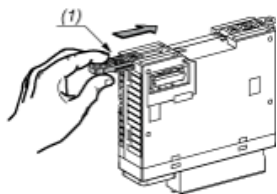
Mounting on a Rail



Incorrect Mounting

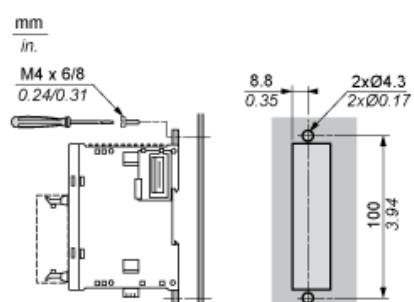


Mounting on a Panel Surface



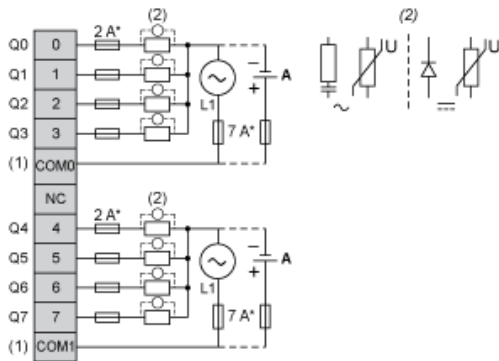
(1) Install a mounting strip

Mounting Hole Layout



Digital Relay Output Module (8-channel)

Wiring Diagram (Positive Logic)



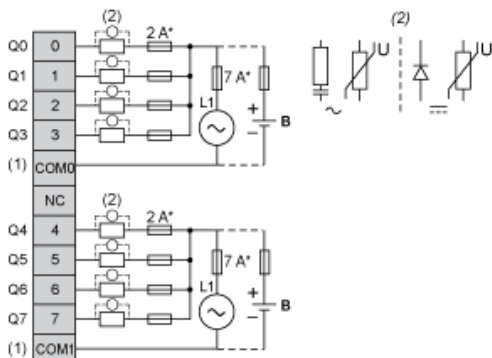
(*) Type T Fuse

(1) The COM0 and COM1 terminals are not connected internally.

(2) To improve the life time of the contacts, and to protect from potential inductive load damage, it is recommended to connect a free wheeling diode in parallel to each inductive DC load or an RC snubber in parallel of each inductive AC load.

(A) Source wiring (positive logic)

Wiring Diagram (Negative Logic)



(*) Type T fuse

(1) The COM0 and COM1 terminals are not connected internally.

(2) To improve the life time of the contacts, and to protect from potential inductive load damage, it is recommended to connect a free wheeling diode in parallel to each inductive DC load or an RC snubber in parallel of each inductive AC load.

(B) Sink wiring (negative logic)