



Price\* : 109.00 USD



### Main

Range of product	Modicon TM3
Product or component type	Discrete output module
Range compatibility	Modicon M221 Modicon M241 Modicon M251
Discrete output type	Transistor
Discrete output number	8
Discrete output logic	Positive logic (source)
Discrete output voltage	24 V DC transistor output
Discrete output current	50 mA transistor output

### Complementary

Discrete I/O number	8
Current consumption	5 mAat 5 V DC via bus connector at state off 0 mAat 24 V DC via bus connector at state off 20 mAat 24 V DC via bus connector at state on 10 mAat 5 V DC via bus connector at state on
Response time	450 µs turn-on 450 µs turn-off
Leakage current	0.1 mA transistor output
Voltage drop	0.4 V
Tungsten load	3 W transistor output
Local signalling	Green output status
Electrical connection	Removable screw terminal block pitch 5.08 mm with 11 terminal(s) of 2.5 mm <sup>2</sup> connection capacity for outputs
Cable length	<= 98.43 ft (30 m) unshielded cable transistor output
Insulation	500 V AC between output and internal logic Non-insulated between outputs
Marking	CE

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Mounting support	Top hat type TH35-15 rail conforming to IEC 60715 Top hat type TH35-7.5 rail conforming to IEC 60715 Plate or panel with fixing kit
Height	3.54 in (90 mm)
Depth	3.33 in (84.6 mm)
Width	27.4 mm
Product weight	1.68 lb(US) (0.76 kg)

## Environment

Standards	EN/IEC 61131-2 EN/IEC 61010-2-201
Product certifications	C-Tick cULus
Resistance to electrostatic discharge	4 kV (on contact) conforming to EN/IEC 61000-4-2 8 kV (in air) conforming to EN/IEC 61000-4-2
Resistance to electromagnetic fields	9.14 V/yd (10 V/m) at 80 MHz...1 GHz conforming to EN/IEC 61000-4-3 2.74 V/yd (3 V/m) at 1.4 GHz...2 GHz conforming to EN/IEC 61000-4-3 0.91 V/yd (1 V/m) at 2 GHz...3 GHz conforming to EN/IEC 61000-4-3
Resistance to magnetic fields	9.14 A/ft (30 A/m) at 50...60 Hz conforming to EN/IEC 61000-4-8
Resistance to fast transients	1 kV I/O conforming to EN/IEC 61000-4-4
Surge withstand	1 kV I/O (DC) in common mode conforming to EN/IEC 61000-4-5
Resistance to conducted disturbances, induced by radio frequency fields	10 Vrmsat 0.15...80 MHz conforming to EN/IEC 61000-4-6 3 Vrmsat spot frequency (2, 3, 4, 6.2, 8.2, 12.6, 16.5, 18.8, 22, 25 MHz) conforming to Marine specification (LR, ABS, DNV, GL)
Electromagnetic emission	Radiated emissions, test level: 40 dB $\mu$ V/m QP with class A, condition of test: 10 m (radio frequency: 30...230 MHz) conforming to EN/IEC 55011 Radiated emissions, test level: 47 dB $\mu$ V/m QP with class A, condition of test: 10 m (radio frequency: 230 MHz...1 GHz) conforming to EN/IEC 55011
Ambient air temperature for operation	14...131 °F (-10...55 °C) horizontal installation -10...35 °C vertical installation
Ambient air temperature for storage	-13...158 °F (-25...70 °C)
Relative humidity	10...95 % without condensation in operation 10...95 % without condensation in storage
IP degree of protection	IP20 with protective cover in place
Pollution degree	2
Operating altitude	0...6561.68 ft (0...2000 m)
Storage altitude	0...9842.52 ft (0...3000 m)
Vibration resistance	3.5 mm (vibration frequency: 5...8.4 Hz) on DIN rail 3 gn (vibration frequency: 8.4...150 Hz) on DIN rail 3.5 mm (vibration frequency: 5...8.4 Hz) on panel 3 gn (vibration frequency: 8.4...150 Hz) on panel
Shock resistance	15 gn (test wave duration:11 ms)

## Ordering and shipping details

Category	22533 - M2XX PLC & ACCESSORIES
Discount Schedule	MSX
GTIN	00785901981770
Nbr. of units in pkg.	1
Package weight(Lbs)	0.47000000000000003
Returnability	Y
Country of origin	TW

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1348 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold

Reference not containing SVHC above the threshold

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Product environmental profile	Available
Product end of life instructions	Available

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