TM3DQ16TG

module TM3 - 16 outputs transistor PNP spring



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	16
Discrete output logic	Positive logic (source)
Discrete output voltage	24 V DC for transistor output
Discrete output current	500 mA for transistor output

Complementary

f
- 44
off on
e on
mm with 10 terminal(s) of 1.5 mm ²
or output
60715
C 60715

Environment

Environment	
Standards	EN/IEC 61131-2
	EN/IEC 61010-2-201
Product certifications	C-Tick
	CULus
Resistance to electrostatic discharge	In air - EN/IEC 61000-4-2
	On contact - EN/IEC 61000-4-2
Resistance to electromagnetic fields	10 V/m (80 MHz1 GHz) - EN/IEC 61000-4-3
	3 V/m (1.4 GHz2 GHz) - EN/IEC 61000-4-3
	1 V/m (2 GHz3 GHz) - EN/IEC 61000-4-3
Resistance to magnetic fields	30 A/m (5060 Hz) - EN/IEC 61000-4-8
Resistance to fast transients	1 kV for I/O - EN/IEC 61000-4-4
Surge withstand	1 kV for I/O (DC) in common mode - EN/IEC 61000-4-5
Resistance to conducted disturbances, induce	d by radio 10 Vrms (0.1580 MHz) - EN/IEC 61000-4-6
frequency fields	3 Vrms (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 - EN/IEC 55011 class A 10 m, 230 MHz1 GHz : 47 dB μ V/m QP Radiated emissions - EN/IEC 55011 class A 10 m, 30230 MHz : 40 dB μ V/m QP
Ambient air temperature for operation	-1055 °C for horizontal installation -1035 °C for vertical installation
Ambient air temperature for storage	-2570 °C
Relative humidity	1095 % without condensation in operation 1095 % without condensation in storage
IP degree of protection	IP20 with protective cover in place
Pollution degree	2
Operating altitude	02000 m
Storage altitude	03000 m
Vibration resistance	3.5 mm (vibration frequency: 58.4 Hz) on DIN rail 3 gn (vibration frequency: 8.4150 Hz) on DIN rail 3.5 mm (vibration frequency: 58.4 Hz) on panel 3 gn (vibration frequency: 8.4150 Hz) on panel
Shock resistance	15 gn (test wave duration:11 ms)

