



Catalog #: 1783-MX08T 8 port FE Module

Lifecycle status: DISCONTINUED

Rockwell Automation announces that as of November 30, 2020, the 8 port FE Module will be discontinued and no longer available for sale. Customers are encouraged to remove references to the affected product(s).

Discontinued Date: November 30, 2020
Replacement Category: Functional Replacement

Technical Specifications

Electrical

Ethernet	Yes
Fast Ethernet	Yes
Gigabit Ethernet	No
Number of ports 10/100 Mbps RJ45	8
Power consumption, maximum	2.8 W
Power dissipation	2.8 W
Backplane power, maximum	3.3V DC, 1.7 A
10 Gigabit Ethernet	No
Isolation voltage (continuous), basic insulation type, expansion backplane to network channels	75 V
Oscillatory surge withstand IEEE C37.90.1	2.5 kV
Wire size, ethernet connection	RJ45 connector according to IEC 60603-7, 2 or 4-pair category 5e minimum cable according to TIA 568-B.1 or category 5 cable according to ISO/IEC 24702
Wiring category on Ethernet ports	2

Environmental

ESD immunity, IEC 61000-4-2, air discharges	15 kV
ESD immunity, IEC 61000-4-2, contact discharges	8 kV

Shock, operating, IEC 60068-2-27 (test Ea, unpackaged shock)	20 g
Housing base material	Open-style
Nominal position	T4
Selectable start times	T4
Temperature, surrounding air, maximum	60 °C
Conducted RF immunity, IEC 61000-4-6 with 1 kHz sine-wave 80% AM from 150 kHz - 80 MHz (rms)	10 V
EFT/B immunity for IEC 61000-4-4 at 2.5 kHz on Ethernet ports	±4 kV
EFT/B immunity for IEC 61000-4-4 at 5 kHz on Ethernet ports	±2 kV
Emissions, CISPR11 (IEC 61000-6-4)	Group 1, class A
Magnetic field immunity, IEC 61000-4-8, long duration at 50 and 60 Hz (A/m)	30
Magnetic field immunity, IEC 61000-4-8, short duration at 50 and 60 Hz (A/m)	300
Radiated RF immunity, IEC 61000-4-3 with 1 kHz sine-wave 80% AM from 1000 - 2700 MHz	10 Kg/Km
Radiated RF immunity, IEC 61000-4-3 with 1 kHz sine-wave 80% AM from 80 - 1000 MHz	20 Kg/Km
Radiated RF immunity, IEC 61000-4-3 with 200 Hz 50% pulse 100% AM at 1890 MHz	10 Kg/Km
Radiated RF immunity, IEC 61000-4-3 with 200 Hz 50% pulse 100% AM at 900 MHz	10 Kg/Km
Relative humidity, IEC 60068-2-30 (test Db, unpackaged damp heat), non-condensing	5 %
Shock, non-operating, IEC 60068-2-27 (test Ea, unpackaged shock)	30 g
Surge transient immunity, IEC 61000-4-5, line-earth (CM) on Ethernet ports	±2 kV
Temperature, non-operating, IEC 60068-2-1 (test Ab, unpackaged non-operating cold)	-40 °C
Temperature, non-operating, IEC 60068-2-14 (test Na, unpackaged non-operating thermal shock)	-40 °C
Temperature, non-operating, IEC 60068-2-2 (test Bb, unpackaged non-operating dry heat)	-40 °C
Temperature, operating, IEC 60068-2-1 (test Ad, operating, cold)	-40 °C
Temperature, operating, IEC 60068-2-14 (test Nb, operating, thermal shock)	-40 °C

Temperature, operating, IEC 60068-2-2 (test Bd, operating, dry heat)	-40 °C
Vibration, IEC 60068-2-6 (test Fc, operating) at 10 - 500 Hz	2 g

Mechanical

Width	9.81 cm
Height	14.8 cm
Depth	11.75 cm



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