



10BASE-T1L Media Converter

NE-T1L-MC

Features

- 10BASE-T1L IEEE Standard 802.3cg-2019 compliant
- DIN-rail mounting
- Transmitting Ethernet signals over a twisted pair of cables. This eliminates the need for complex and costly cabling infrastructure.
- 10 Mbps full-duplex communications up to 1,000 meters over a single pair of twisted wires.
- Use in settings with limited power resources due to its low power requirements.

Applications

- Factory automation
- Edge sensors and actuators
- Building automation and fire safety
- Condition monitoring and machine connectivity

Specifications

Ethernet Interface	10BASE-T Ports(RJ45 connector)	1 Full/Half duplex mode Auto MDI/MDI-X connection Auto negotiation speed
	10BASE-T1L Ports(Phoenix connector)	1 Single Pair Auto negotiation speed 10BASE-T1L
	Standards	IEEE 802.3cg
Power Parameters	Operating Input Voltage	20 ~ 27VDC
	Overload Current Protection	Supported
Physical Characteristics	Dimensions	W 96x D 75x H 36.8(mm)
	Installation	DIN-rail mounting
	IP Rating	IP30
	Weight	390g
Environmental Limits	Operating Temperature	-20 to 60°C
	Storage Temperature (package included)	-40 to 75°C
	Ambient Relative Humidity	5 to 95% (non-condensing)
Standards and Certifications	EMS	EN61000-4-2 (ESD), Contact: 6 kV; EN61000-4-3 (RS), 80~1000Mhz, 3V/m EN61000-4-4 (EFT),Signal: 0.5 kV EN61000-4-5 (Surge),Signal:0.5kV
	EMI	FCC Part 15 Class A, EN 55032 Class A

Dimension

W x D x H (mm)

