



N-L20

Communication unit Ethernet connection type



*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

Specifications

Model			N-L20
Interface			Ethernet*1
Display I/F			11-point LED display (Head RD, Head SD, Ethernet Link, Power (Capable of multi-colour representation), 6 I/O terminals, Error)
Code reader power supply			5 VDC ±5% (650 mA)
Terminal block	Input	Number of inputs	2 inputs (IN1 and IN2)
		Input type	Bidirectional voltage input
		Maximum rating	26.4 VDC
		Minimum ON voltage	15 VDC
		Maximum OFF current	1 mA
	Output	Number of outputs	4 outputs (OUT1 to 4)
		Output type	Photo MOS relay output
		Rated load	30 VDC, 100 mA
		Leakage current when OFF	0.1 mA or less
		Residual voltage when ON	1 V or less
Communication specifications	Communication standard		Ethernet: IEEE 802.3 compliant, 10BASE-T/100BASE-TX USB: USB2.0 Full Speed compliant
	Supported protocol		Ethernet: TCP, UDP, FTP, BOOTP, EtherNet/IP™, PROFINET, KV STUDIO, MC protocol, OMRON PLC link
	Connector		USB: 1 point (Mini-B)
Rating	Power voltage		24 VDC +10 %, -20 %
	Current consumption		380 mA or less
Environmental resistance	Ambient temperature		0 to +50 °C (No freezing)
	Relative humidity		35 to 85 % RH (No condensation)
	Storage temperature		-20 to +60 °C (No freezing)
	Operating environment		No dust or corrosive gas present
	Vibration resistance		10 to 55 Hz, Double amplitude 0.3 mm, 2 hours in each of the X, Y, and Z directions
Weight			Approx. 150 g

*1 Supported protocol: TCP, UDP, FTP, BOOTP, EtherNet/IP™, PROFINET, KV STUDIO, MC protocol, OMRON PLC link.

Dimensions

* Download CAD file or product manual for larger image/text and more detail.

N-L20_dimension_01.gif

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