



KL-N10V

KL Link Adapter for KV Package

CE

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

! This model has been discontinued.
Compliance with the certification standard is ensured as of the time of shipment from our company.

Contact Us: 1-888-539-3623

Specifications

Model	KL-N10V		
Number of connectable units	1 unit can be connected for each base unit		
Communication start address	00H to FEH (0 to 254; input and output are set separately), set in units of 16 inputs or outputs		
Occupied address	00H to 80H (0 to 128; input and output are set separately), set in units of 16 inputs or outputs, 1,024 inputs + 1,024 outputs (Use DM1600 to DM1663 for inputs and DM1700 to DM1763 for outputs.)		
Communication region	Connection information (DM1810 to DM1825): 16 words, error information (DM1804): 1 word		
CPU unit processing time	3.125 × number of addresses to transmit to (μs): if data is saved when a disconnection occurs 3.945 × number of addresses to transmit to (μs): if data is cleared when a disconnection occurs		
Disconnection alarm time	5Mbit/s, (96 to 192ms) 2.5Mbit/s, (192 to 384ms) 625kbit/s, (384 to 768ms) 156kbit/s, (768 to 1536ms)		
Comparison function	Parity, sum check		
Communication speed	5 Mbps, 2.5 Mbps, 625 kbps, 156 kbps (set with special auxiliary relays 2701 and 2702)		
Display	Power, transmitting, receiving		
Other	Setting of the final telecommunication address station (FINAL; set with special auxiliary relay 2705), switching to the function for simultaneous sampling of 16 samples (8 bits; set with special auxiliary relay 2704), clearing input when a disconnection occurs (set with special auxiliary relay 2706)		
Sign system	f, f/2 encoding		
Control method	Automatic distributed token bus control		
Cable connection	T-shaped branch, multi-drop		
Communication cycle time	5 Mbps, 2.88 ms/2,048 cycles		
Communication media	Dedicated cable KPEV-SB (1 pc; 2-core shielded twisted pair cable [stranded wire]) * Conductor section area: 0.5 to 1.25 mm ²		
Communication distance	Baud rate 5 Mbit/s	Maximum main line length (m)	50
		Maximum branch wire length (m)	20
		Conductor section area (mm ²)	0.5
		Maximum extension distance (m)	1000

	Baud rate 2.5 Mbit/s	Maximum main line length (m)	120
		Maximum branch wire length (m)	40
		Conductor section area (mm ²)	0.75
		Maximum extension distance (m)	1200
	Baud rate 625 kbit/s	Maximum main line length (m)	500
		Maximum branch wire length (m)	150
		Conductor section area (mm ²)	0.9
		Maximum extension distance (m)	1200
	Baud rate 156 kbit/s	Maximum main line length (m)	
		Maximum branch wire length (m)	350
		Conductor section area (mm ²)	1.25
		Maximum extension distance (m)	1200
Error control			Vertical parity, checksum, double sampling, burst noise detection

Dimensions

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

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