Pulse Electronics NETWORKING

Industrial 100BASE-TX Ethernet Connector Modules

Pulse has a full line of 1x1, 1x2, and 1x4 Tab Up and Tab Down 100BASE-TX Ethernet connector modules for use in Industrial applications. Pulse parts meet the IEEE802.3u standard and support all major PHY manufactures. This designer kit provides engineers a wide selection of parts to select from for their new designs.

The Industrial communications landscape is changing. More and more automation and control solutions using sensors, drives, displays, invertors, and interfaces are linked together using Ethernet based, time sensitive protocols like:

Profi-Bus™ - Profi-Net™ - PowerLink
EtherCAT - Ethernet/IP - Modbus/TCP

Pulse's "JXD" range of compact ICM's are designed to provide isolation and noise reduction in a single solution, operating with all of these industrial protocols.
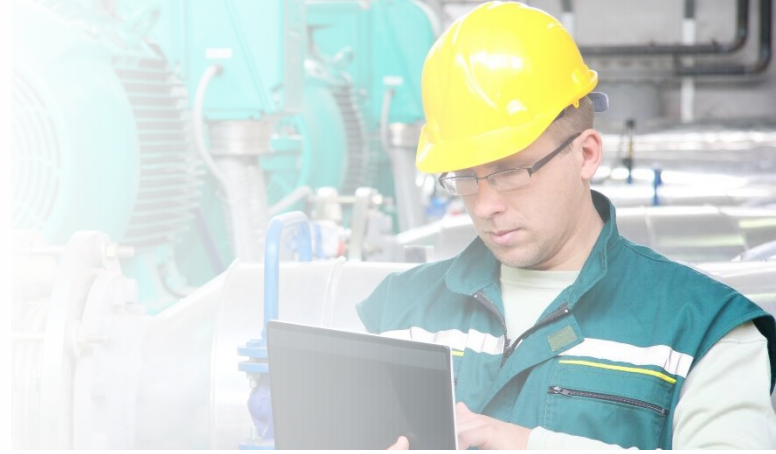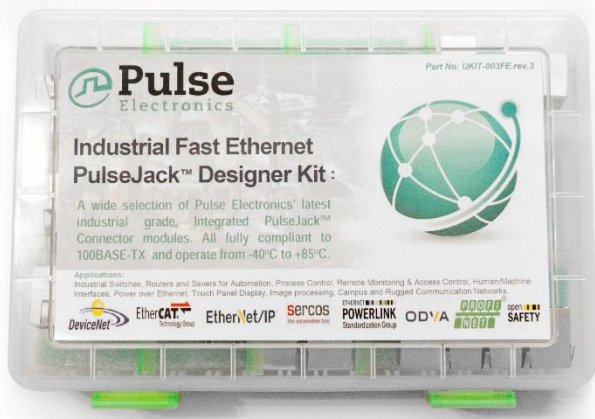
Features and Benefits:

- Designed to meet IEEE802.3u (100BASE-TX) standards
- -40°C to +85°C operating temperature
- Suitable for CAT 3, CAT 5 UTP or higher
- PoE and PoE+ options available
- UL File Listing E216177
- Compact form factor optimizing board space
- Supports all major PHY manufactures

Applications:

Industrial Automation, Process or Remote Control and Monitoring, Campus, Factory or Rugged Communication Networks, Power over Ethernet, Touch Screen Display & Panels, Security & Image processing, Access Control.

JXD1

JXD0

JXD1-1

JXD2

JXD6

JXD6-1

JXD0-2

JXD0-4

Industrial 100BASE-TX Ethernet Connector Modules – Designer Kit# UKIT-003FE

PART #	TAB Location	# of Ports	EMI TABS	BST	LED Left/Right	PoE	Contact AU Plating	QTY per Kit
JXD0-0006NL	DOWN	1x1	YES	YES	Green/Yellow	NO	6uinch	2
JXD0-0008NL	DOWN	1x1	YES	YES	Green/Yellow	NO	30uinch	2
JXD0-0010NL	DOWN	1x1	YES	YES	Green/Yellow	PoE	15uinch	2
JXD1-0007NL	UP	1x1	YES	NO	Yellow/Green	PoE	30uinch	2
JXD1-0008NL	UP	1x1	YES	YES	Yellow/Green	No	6uinch	2
JXD1-0014NL	UP	1x1	YES	NO	Yellow/Green	NO	6uinch	2
JXD1-1001NL	UP	1x1	YES	YES	Yellow/Green	NO	6uinch	2
JXD2-0010NL	TOP ENTRY	1x1	NO	YES	Green/Yellow	NO	30uinch	2
JXD6-0001NL	UP	1x1	NO	YES	Green/Yellow	NO	6uinch	2
JXD6-1100NL	DOWN	1x1	NO	YES	NONE	NO	15uinch	2
JXD0-2005NL	DOWN	1x2	YES	YES	Green/Yellow	NO	15uinch	1
JXD0-4005NL	DOWN	1x4	YES	YES	Green/Yellow	NO	15uinch	1

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