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EKI-2741LXI

RoHS

10/100/1000TX to 1000Base-LX SC Type Fiber Optic Gigabit Industrial Media Converter, Wide Temp.



Main Features

- Provides 1 x 10/100 Mbps Ethernet port with RJ45 connector
- Provides 1 x 1000 Mbps fiber port with Single-mode SC type connector
- Provides DIP switch for full/half duplex setting
- Supports MDI/MDI-X auto crossover
- Supports auto-negotiation
- Provides 3,000 VDC surge (EFT) protection
- Supports 4,000 VDC Ethernet ESD protection
- Supports +12-48 VDC power input
- Provides flexible mounting: DIN-rail & Wallmounting
- Provides Link Fault Pass-through (LFP)
- Supports wide Operating Temperature from -40 ~ 75° C



Certifications



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产品介绍

EKI-2741 is designed to convert Gigabit Ethernet networks to Gigabit fiber networks by transparently converting Ethernet signals to optic signals. Therefore, EKI-2741 is an ideal solution for "fiber to building" applications at central offices or local sites. EKI-2741 supports MDI/MDIX auto detection, so you don't need to use crossover wires. Furthermore, the EKI-2741 accepts a wide voltage range from +12 ~ 48 VDC. Besides, it also provides 3,000 VDC surge (EFT) protection against over-voltage, so it is suitable for harsh operating environments. EKI-2741 is an enhanced gigabit Ethernet to fiber optic converter. Aside from its standard features, the versatile EKI-2741 also has the LFP (Link Fault Pass-through) feature. When one side of the link fails, the other side continues transmitting packets, and waiting for a response that never arrives from the disconnected side. EKI-2741 will force the link to shut down as soon as noticed that the other link has failed, giving the application software a chance to react to the situation.

Specifications		
EKI-2741LXI-AE		
General	Ethernet Connectors	1 x RJ-45 1 x SC type fiber connector
	Mounting	DIN-rail, Wall
	Transmission Distance	Ethernet: Up to 100 m Single-mode: Up to 10 km
I/O	Transmission Speed	Up to 1000 Mbps
	Operating Temperature	-40 ~ 75°C (-40 ~ 167°F)
Power Supply	Power Connector	6-pin removable screw terminal
	Power Input	2 x Unregulated 12 ~ 48 VDC

订货信息	
产品描述	
EKI-2741LXI-AE	RoHS 10/100/1000TX to 1000Base-LX SC Type Fiber Optic Gigabit Industrial Media Converters, Wide Temp.

附件	
产品描述	
PWR-242-AE	DIN-rail Power Supply
PWR-243-AE	Panel Mount Power Supply
PWR-244-AE	Panel Mount Power Supply

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