

Unmanaged 8 x 10/100 RJ45 Industrial Switch

Description

The KIES-108A is an unmanaged industrial fast ethernet switch featuring 8 independent 10/100Base-TX ports designed for automation application networks to deliver unrivalled performance. Switch is built with rugged, hardened case and components able to withstand a high degree of vibration and shock and an operating temperature from -40°C to 75°C. The KIES-108A is engineered and designed especially for harsh and extreme industrial type applications. With its hardened case and high performance components, the KIES-108A is an ideal solution for your extreme industrial automation environment. The DIN-Rail mounting capability which is already attached, wide operating temperature and the IP30 housing with LED indicators make the plug-and-play KIES-108A switches easy to use and reliable for deployment even in harsh environments and easy way with no configuration required.

Features Highlight

Robust Performance and Protection

With IP30 metal case, surge protection, power voltage drop alarm, and ESD protection, the KIES-108A provides a high level of immunity against electromagnetic interference and heavy electrical surges which are easy to deploy in industrial environments. Furthermore, the KIES-108A offers high performance switch architecture with 8 ports of 10/100Based-TX to meet the requirements of high-bandwidth access Ethernet, Fast Ethernet in tough operating temperatures.

Simplified Installation w/ Compact Size

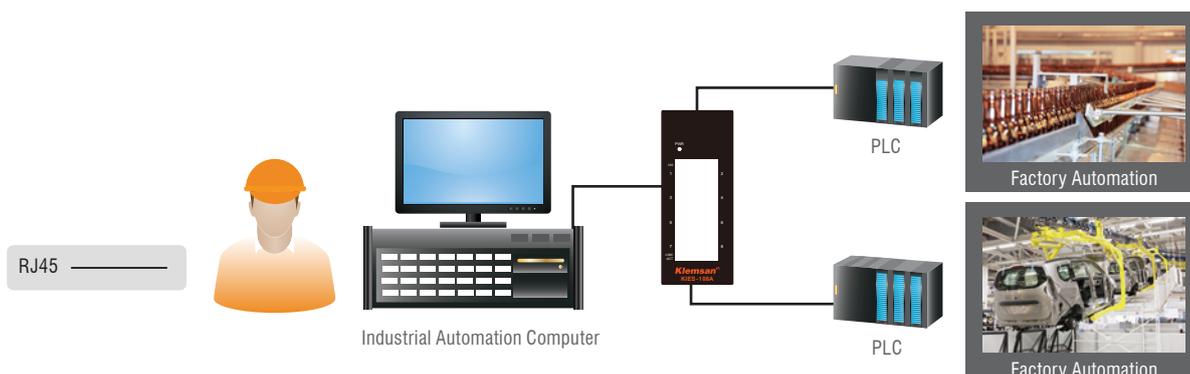
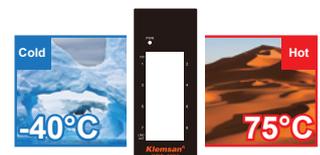
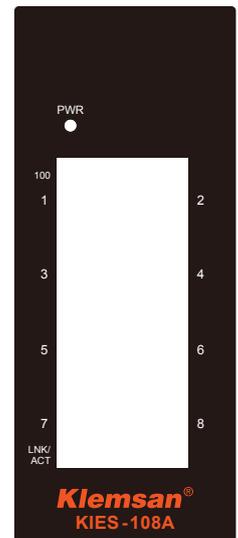
The KIES-108A provides varied choice of deployment locations even in small places, harsh environments with its Din-Rail options in a quick and easy way by its compact size and no configuration required. Every KIES-108A is equipped with auto negotiation and auto MDI/MDI-X on all ports for simple connection to other switches and hubs. With diagnostic LEDs panel, the KIES-108A allows you to know the switch status and simplify troubleshooting.

Broadcast Storm

Broadcast storm control prevents excessive traffic on a LAN from being disrupted by a broadcast storm on a port. By enabling it allows you to monitor the traffic levels of the incoming broadcast packet rate and limits over an interval of time further drop excess packets. It prevents unnecessary extreme traffic and improves network performance.

Applications

The KIES-108A is compatible with 10/100Mbps through RJ45 transceivers to guarantee a strong, stable connection of Ethernet, Fast Ethernet through RJ45 ports, as an ideal for deployment in multiple high-speed automation systems.



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Specifications

Standards

IEEE 802.3	10Base-T
IEEE 802.3u	100Base-TX
IEEE 802.3x	Flow Control
IEEE 802.3	Nway Auto-Negotiation

Interface

Ports	8 x 10/100Base-TX (RJ45)
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Features

Performance	Jumbo Frame Size: 1552 Bytes
	MAC Table size: 1K
	Throughput: 14,880 pps to 10 Mbps ports 148,800 pps to 100 Mbps ports
	Switch Fabric: 1.6Gbps
QoS	Broadcast storm protection for broadcast packet

Power

Input Voltage	12~48VDC, 0.2A max
Connection	Terminal block
Power Input Polarity Protection	Present
Current Overload Protection	Present
Power Consumption	3W(MAX)

Mechanical and Environment

Housing	Metal (IP30 Protection)
Mounting	DIN-Rail
Operating Temperature	-40°C~75°C (-40°F~167°F)
Storage Temperature	-40°C~85°C (-40°F~185°F)
Operating Humidity	5 to 95% RH (non-condensing)
Storage Humidity	5 to 95% RH (non-condensing)
Weight	435 g (1.0 lb)
Dimension (WxHxD)	47,2 x 115 mm

Standards and Certifications

CE	EMI	FCC Part 15
		EN 55011
		EN 55032 Class B
		EN 61000-6-4
	EMS	EN 55024
		EN 61000-6-2
		IEC 61000-4-2 (ESD) : Level 3
		IEC 61000-4-3 (RS) : Level 3
		IEC 61000-4-4 (Burst) : Level 3
		IEC 61000-4-5 (Surge) : Level 3
Shock Test	EN 61000-4-6 (CS) : Level 3	
	IEC61000-4-8(PFMF)	
Freefall Test	IEC 60068-2-27 (Processing)	
Vibration	IEC 60068-2-31 (Processing)	
Green Product	IEC 60068-2-6 (Processing)	
		RoHS

Ordering Information

KIES-108A	Unmanaged 8 x 10/100 RJ45 Industrial Switch
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*Specifications subject to change without notice.

Dimension

