

## KUES-M5

# Unmanaged 5 x 10/100 RJ45 Industrial Switch

### Description

KLEMSAN's KIES-105A unmanaged industrial fast ethernet switch specifically designed to suit your heavy industrial environments. Switch provides 5-port 10/100Base-TX in a 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. Not an ordinary industrial switch, the KIES-105A is engineered and designed especially for harsh and extreme industrial type applications. With its hardened case, redundant DC power inputs, and high performance components, the KIES-105A is perfectly suited for your extreme industrial automation environment.

The KIES-105A provides varied choice of deployment locations even in harsh environments Din-Rail options in a quick and easy way with no configuration required. Every KIES-105A is equipped with auto MDI/MDI-X on all ports for simple connection to other switches and hubs. Each port of KIES-105A has 2 LEDs to show the link status transmission.

### Features Highlight

#### Robust Performance and Protection

With IP30 metal case, surge protection, power voltage drop alarm, and ESD protection, the KIES-105A provides a high level of immunity against electromagnetic interference and heavy electrical surges which are easy to deploy in industrial environments. Furthermore, the KIES-105A offers high performance switch architecture with 5 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-105A provides varied choice of deployment locations even in small places, harsh environments with its wall-mount and Din-Rail options in a quick and easy way by its compact size and no configuration required. Every KIES-105A is equipped with auto MDI/MDI-X on all ports for simple connection to other switches and hubs.

#### Broadcast Storm

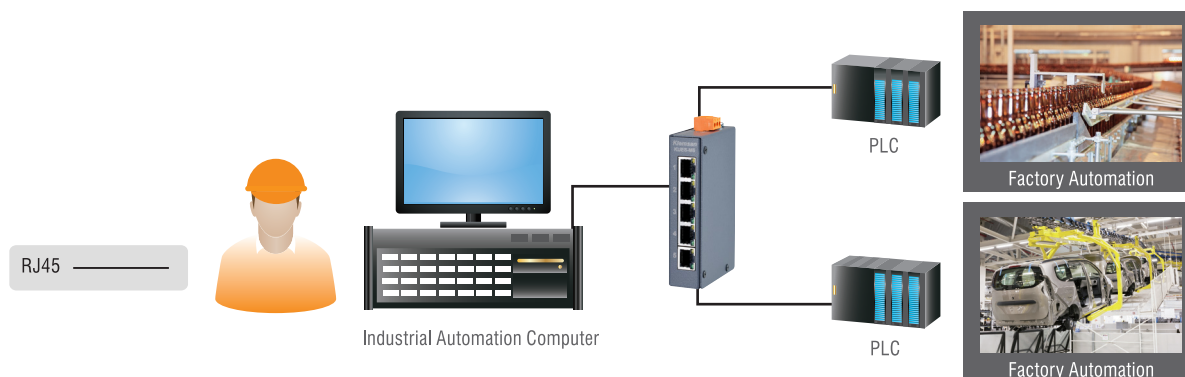
Broadcast storm control prevents excessive traffic on a LAN from being disrupted by a broadcast storm on a port. By enabling it allows you to monitor the traffic levels of the incoming broadcast packet rate and limits over an interval of time further drop excess packets. It prevents unnecessary extreme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

### Applications

The KIES-105A is compatible with 10/100Mbps through RJ45 transceivers to guarantee a strong, stable connection of Ethernet, Fast Ethernet or Gigabit Ethernet, as an ideal solution for deployment in multiple high-speed automation systems.



RoHS  
CE FC



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### Specifications

#### Interface

Ports 5 x 10/100Base-TX (RJ45)

#### 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: 1.0Gbps

QoS Broadcast storm protection for broadcast packet

#### Power

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

#### Mechanical and Environment

Housing Aluminum (IP30 Protection)  
Mounting DIN-Rail, Wall Mount  
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 180 g (0.4 lb)  
Dimension (WxHxD) 25.5 x 109.3 x 74 mm (1 x 4.3 x 2.9 in)

#### Standards and Certifications

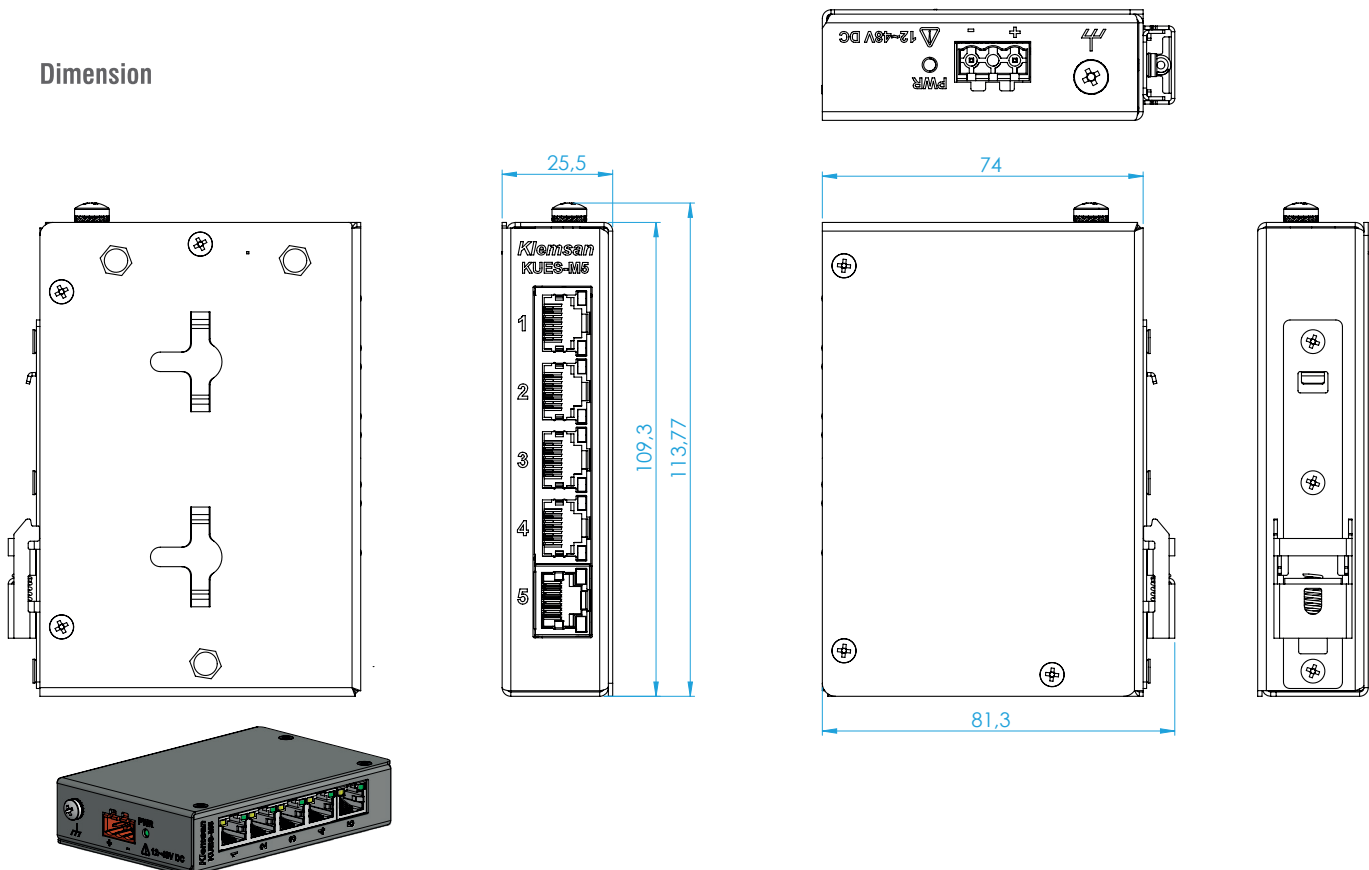
CE	EMC	EN 55032
		EN 55035
		61000-6-2
		61000-6-4

#### Ordering Information

Stock Code	Product Name	Description
608350	KUES-M5	Unmanaged 5x10/100 RJ45 Industrial Switch

\*Specifications subject to change without notice.

### Dimension



Revision No: 21062023

**Klemsan**<sup>®</sup>