EKI-2728

Compact 8-port unmanaged Ethernet switch for industrial applications

BRESSNER
A HIPER Global Company

Features

- 8x Gigabit Ethernet ports with Auto MDI/MDI-X
- Supports transmission of jumbo frames up to 10kbytes
- Redundant 12-48 VDC power supply with P-Fail relay
- Compact design and IP30 protection class
- Extended temperature range from -40°C to 75°C

EKI-2728 – Industrial 8-Port Unmanaged Gigabit Ethernet Switch for industrial environments

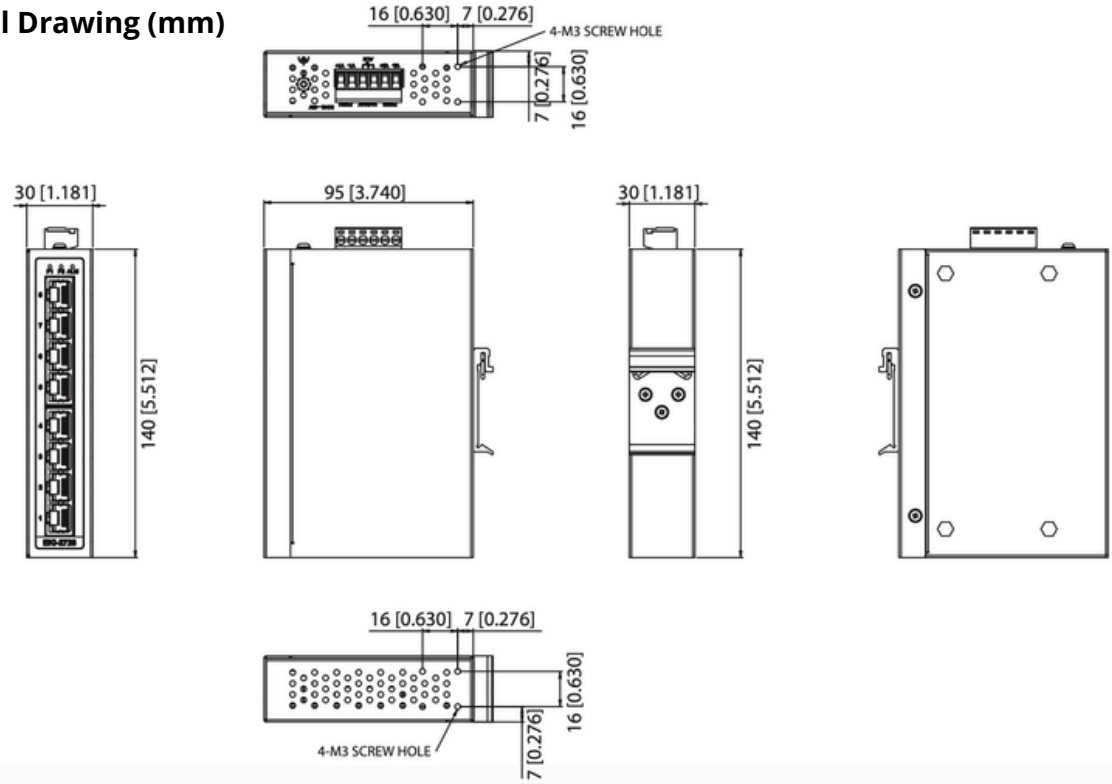
The EKI-2728 is a robust 8-port unmanaged Gigabit Ethernet switch designed for demanding use in industrial networks. With support for Gigabit Ethernet, the switch ensures fast, stable and efficient data transmission in your industrial infrastructure. Ideal for production facilities, logistics centers and other demanding environments where a reliable network connection is required.

Robust design for use in harsh environments
The EKI-2728 is equipped with a compact metal housing and meets the IP30 protection class to protect your network connection from dust and mechanical influences. This makes the switch particularly suitable for use in industrial environments that require a high level of robustness and resistance.

Reliable power supply with safety mechanisms
The redundant power supply of the EKI-2728 provides a 12-48 VDC power supply that is protected by a double safety mechanism. Power Polarity Reverse Protection protects against damage caused by faulty cabling, while the overload current protection protects the system against overloads. This keeps your network connection stable and secure even under difficult conditions.

Each port of the EKI-2728 is equipped with two LEDs that indicate the connection status, transmission speed and collision status. The relay output enables immediate notification of critical events, such as power failures. Technicians can quickly verify the hardware status by checking the LEDs, which greatly simplifies troubleshooting and maintenance.

Technical Drawing (mm)



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	EKI-2728
SWITCH FEATURES	
Standards	IEEE 802.3, 802.3u, 802.3x, 802.3ab
INTERFACE	
Ethernet	8x RJ-45 – 10/100BaseTx with Auto MDI/MDI-X Transmission distance up to 100m (4-wire Cat.5e, Cat.6 RJ-45 cable) Transmission speed up to 1000 Mbps
ENVIRONMENTAL	
Housing	Metal housing with robust mounting kits
Protection	Protection against overload Reverse polarity protection
Power Supply	12~48VDC dual redundant inputs 1x relay output 6-pin removable screw terminal (power and relay) Power consumption 5.8 Watt
Remote Control & LED	Power 1 & 2, Power-Fail 10/100/1000T (X): Connection/Activity, Duplex/Collision
Operating Temperature	Standard: -10° C ~ 60° C Extended: -40° C ~ 75° C
Storage Temperature	-40˚C ~ 85˚C
Vibration / Shock Resistance	Vibration: IEC60068-2-6 Shock: IEC60068-2-27 Free Fall: IEC60068-2-32
Humidity	10~95% (non-condensing
Dimensions (W x D x H)	30 x 95 x 140mm
Mounting	DIN-rail, Wallmount
IP Rating	IP30
Certifications	EMI: CE, FCC Class A EMS: EN61000-4-2, EN61000-4-3, EN61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8 Other: UL 60950

Ordering Information	
EKI-2728-D	8-port Gigabit Unmanaged Switch
EKI-2728I-D	8-port Gigabit Unmanaged Switch w/wide temp