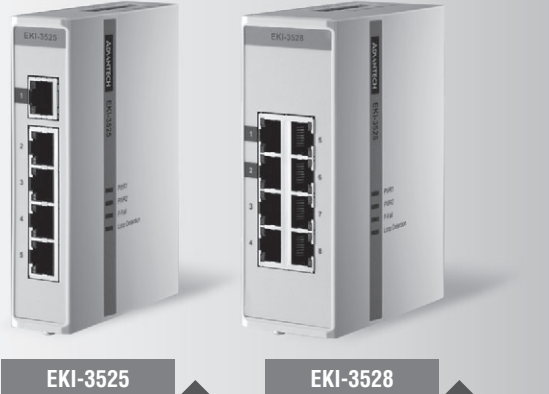# EKI-3525
EKI-3528

5-port 10/100Mbps Unmanaged Industrial Ethernet Switch

8-port 10/100Mbps Unmanaged Industrial Ethernet Switch

NEW

EKI-3525

EKI-3528

Features

- Supports IEEE 802.3az, Energy Efficient Ethernet standard
  - Automatically powers down ports that have no link
  - Budgets power output for different Ethernet cable length
- Support IEEE 802.1p QoS- VIP port setting
  - Ensures time sensitive data gets delivered efficiently, even during bursts of high data traffic. -Ensures video streaming through switch with high priority.
- Supports redundant 12 ~ 48 V_{DC} power input and P-Fail relay
- In Loop detection

Introduction

The EKI-3525/3528 are a new generation products with green Ethernet design. They feature green solutions that automatically adjust power consumption by detecting the link status and cable length. Designed with 1/2 "VIP" ports to get optimal bandwidth for media traffics through VIP ports users can experience better performance of multimedia streaming preferred through prioritized bandwidth setting. The devices come with compact metal and plastic housing that is IP40 rated to protect against dusty industrial environments. The wide power input power (8.4 to 52.4 V_{DC}) is dedicated to operate in areas of unstable power and rugged environments. It also provides an event alarm and in the event of a power failure and connection loop, the intergrated LED will activate the alarm to notify administrators.

Specifications

Communications

- **Standard**   IEEE 802.3, 802.3u, 802.3x, 802.1p, 802.3az
- **LAN**   10/100Base-T (X)
- **Transmission Distance**   Up to 100 m
- **Transmission Speed**   Up to 100 Mbps

Interface

- **Connectors**   8 x RJ45 (EKI-3528) or 5 x RJ45 (EKI-3525)
  6-pin removable screw terminal (power & relay)
- **LED Indicators**   P1, P2, P-Fail, Loop detection
  10/100T (X): Link/Activity, Speed

Switch Properties

- **MAC Table Size**   2K
- **Packet Buffer Size**   384K bit (EKI-3525)
  768K bit (EKI-3528)
- **Switch Fabric Speed**   1.0Gbps (EKI-3525)
  1.6Gbps (EKI-3528)

Power

- **Power Consumption**   EKI-3525: Max. 2.4 W
  EKI-3528: Max. 2.5 W
- **Power Input**   12 ~ 48 V_{DC}, redundant dual inputs
- **Fault Output**   1 Relay Output

Mechanism

- **Dimensions (W x H x D)**   28.5 x 120 x 85.3 mm (1.02" x 4.73" x 3.35") - EKI-3525
  44.5 x 120 x 85.3 mm (1.75" x 4.73" x 3.35") - EKI-3528
- **Enclosure**   IP40, plastic and metal shell with solid mounting kits
- **Mounting**   DIN-rail, Wall

Protection

- **Reverse Polarity**   Present
- **Overload current**   Present

Environment

- **Operating Temperature**   -10 ~ 60°C (14 ~ 140°F)
- **Storage Temperature**   -40 ~ 85°C (-40 ~ 185°F)
- **Operating Humidity**   5 ~ 95% (non-condensing)
- **Storage Humidity**   0 ~ 95% (non-condensing)
- **MTBF**   1,516,457 hours (EKI-3528)
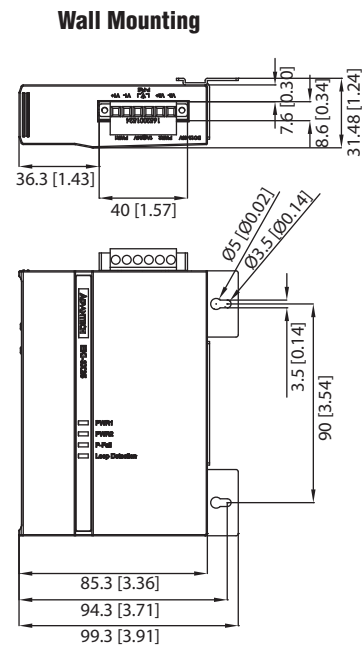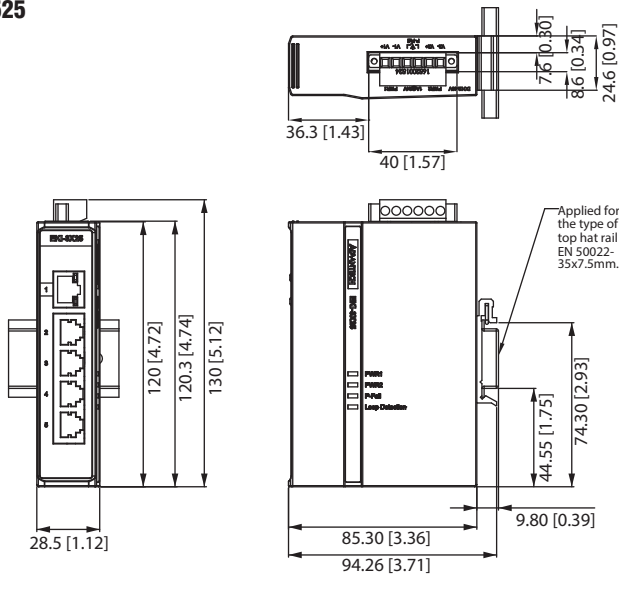 1,567,102 hours (EKI-3525)

Certification

- **Safety**   UL 60950-1, CAN/CSA-C22.2 No.60950
- **EMI**   FCC Part 15 Subpart B Class A, EN 55011/ 55022 Class A
- **EMS**   EN 61000-4-2 (Level 3)
  EN 61000-4-3 (Level 3)
  EN 61000-4-4 (Level 4)
  EN 61000-4-5 (Level 3)
  EN 61000-4-6 (Level 3)
  EN 61000-4-8 (Level 4)
- **Shock**   IEC 60068-2-27
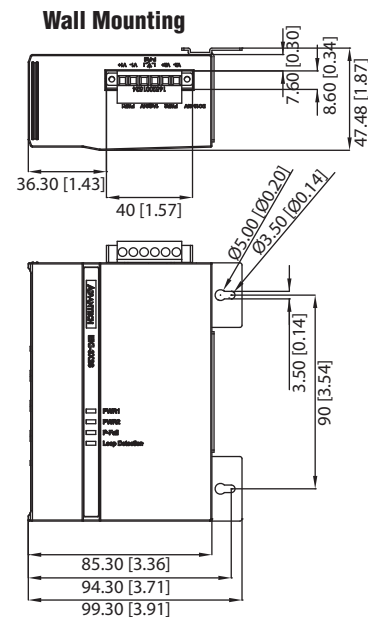- **Freefall**   IEC 60068-2-32
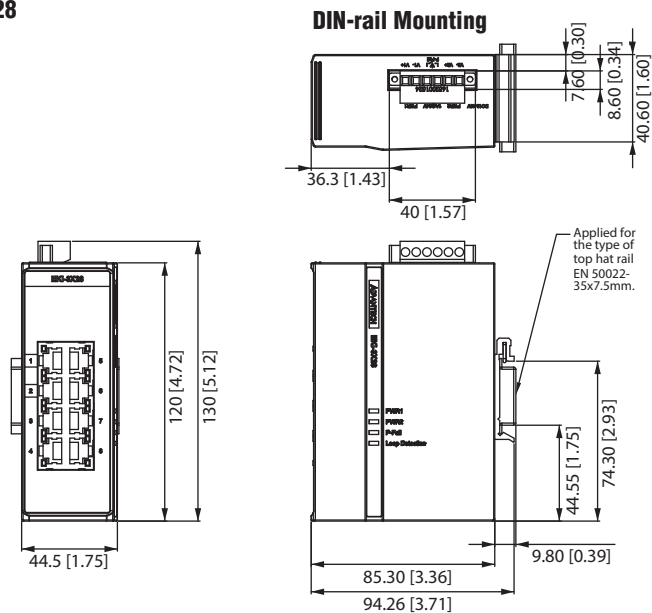- **Vibration**   IEC 60068-2-6

Dimensions

EKI-3525

DIN-rail Mounting

Wall Mounting

Unit: mm [inch]

Applied for the type of top hat rail EN 50022-35x7.5mm.

EKI-3528

DIN-rail Mounting

Wall Mounting

Applied for the type of top hat rail EN 50022-35x7.5mm.

Ordering Information

- **EKI-3525** — 5-port 10/100Mbps Unmanaged Industrial Ethernet Switch
- **EKI-3528** — 8-port 10/100Mbps Unmanaged Industrial Ethernet Switch

ADVANTECH

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Ethernet Modules *category:*

Click to view products by Advantech *manufacturer:*

Other Similar products are found below :

1026937   1026932   M38510/00302BCA   70001610   70001634   850-15633   PD-AS-951/12-24   GX-OC1601   1402407   I210T1   SBL2EX   SL170115   GX-OD1612   CPTS-4R4E-R   TDKEZW3   I350F2   I350F2BLK   I350T2V2   V23993-USB1029A   100-POE4   105FX-ST   105TX-SL   SEG305-T   70001992   708TX   854-19720   I350T4V2BLK   I210T1BLK   PD-OUT/MBK/S   SX-BR-4600WAN2-US   W4S105C   X710DA4FHBLK   GX-ID1611   EKI-2525I-BE   96NIC-1G4P-PE-IN2   0.70001777   105FXE-SC-15-POE   PD-OUT/MBK/G   856-15410   X520QDA1   BCM84794A1KFSBG   X520DA2OCP   855-10932   850-15526   808-38157   SF-100GLB0W00-0DB   BCM84858RB1KFEBG   1031683   2702903   SF-100GLB3.5W-3DB