EKI-2720G-4F
EKI-2720G-4FI

16GE+4SFP Port Gigabit Unmanaged Industrial Switch

Features

- 16 x Gigabit Ethernet ports + 4 x SFP ports
- SFP socket for easy and flexible fiber expansion
- NEMA TS2 for traffic control
- EN50121-4 approval for railway trackside deployment
- Wide operating temperature range of -40 ~ 75°C (EKI-2720G-4FI)
- Dual 12 ~ 48 V_{DC} power input and 1 x relay output

Introduction

The EKI-2720G-4F and EKI-2720G-4FI provide users with abundant port options to connect to a range of different device types with 16 Gigabit Ethernet ports and 4 SFP (mini-GBIC) ports.   The EKI-2720 series features a wide operating temperature and NEMA TS2 rating, making the switch an ideal solution for use in traffic applications and have successfully passed the EN50121-4 European railway standard requirements of emission and immunity for railway platforms and trackside deployment

Specifications

Interface

- **I/O Port** — 16 x 10/100/1000BASE-T/TX RJ-45
  4 x SFP (mini-GBIC) port
- **Debug Port** — RS-232 (RJ45)
- **Power Connector** — 6-pin screw Terminal Block (including relay)

Physical

- **Enclosure** — Metal Shell
- **Protection Class** — IP 30
- **Installation** — DIN-Rail
- **Dimensions (W x H x D)** — 74 x 152 x 105 mm (2.91" x 5.98" x 4.13")

LED Display

- **System LED** — PWR1, PWR2, SYS, Alarm
- **Port LED** — Link / Speed / Activity

Environment

- **Operating Temperature** — -40 ~ 75°C (-40 ~ 167°F) (2720G-4FI)
  -10 ~ 60°C (14 ~ 140°F) (2720G-4F)
- **Storage Temperature** — -40 ~ 85°C
- **Ambient Relative Humidity** — 10 ~ 95% (non-condensing)
- **Humidity** — 10 ~ 95% (non-condensing)

Power

- **Power Consumption** — 15W
- **Power Input** — 12 ~ 48 V_{DC}, redundant dual power input
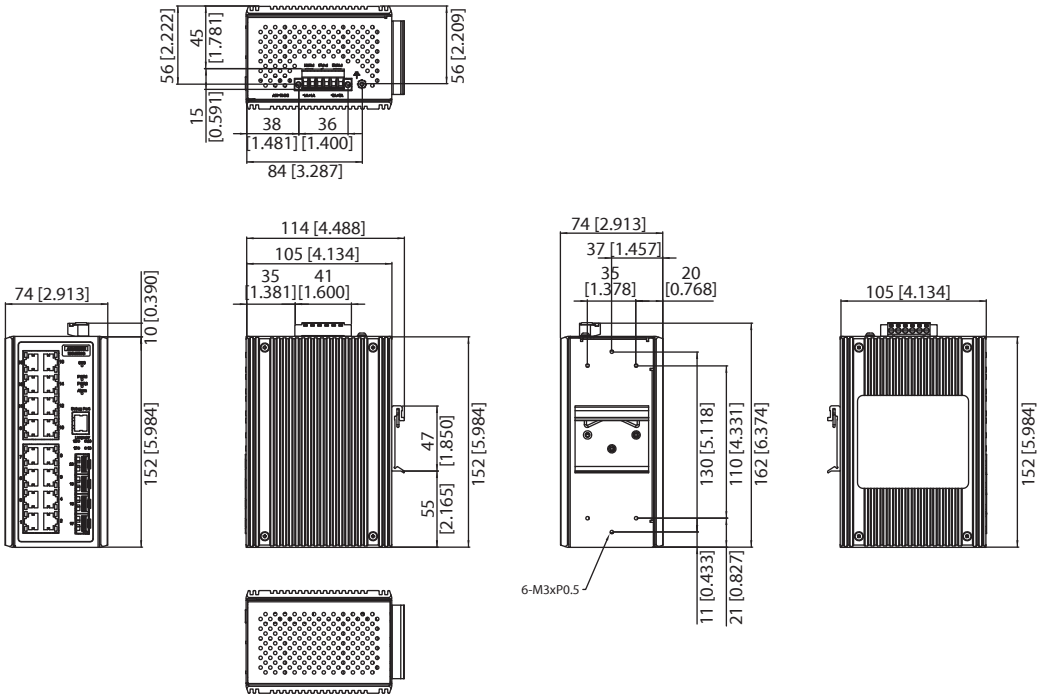- **Fault Output** — 1 Relay Output

Certification

- **EMI** — CE, FCC Class A
- **Safety** — UL61010-2-201
  IEC60950*
- **EMC** — EN 61000-4-2
  EN 61000-4-3
  EN 61000-4-4
  EN 61000-4-5
  EN 61000-4-6
  EN 61000-4-8
  EN50121-4
- **Shock** — IEC 60068-2-27
- **Freefall** — IEC 60068-2-32
- **Vibration** — IEC 60068-2-6
- **Traffic control** — NEMA TS2

*= Compliant

ADVANTECH   **Industrial Ethernet Solutions**

All product specifications are subject to change without notice.   Last updated: 6-Nov-2018

Dimensions

Unit: mm [inch]

Panel Cut-out Dimensions: 74 x 152 x 105 mm (2.91" x 5.99" x 4.14")

Ordering Information

- **EKI-2720G-4FI-AE**   16GE + 4SFP Port Unmanaged Ethernet Switch w/Wide Temp
- **EKI-2720G-4F-AE**   16GE + 4SFP Port Unmanaged Ethernet Switch