

**EKI-2525/I EKI-2528/I**



**5端口非管理型以太网工业交换机**

**8端口非管理型以太网工业交换机**

**特性**

**** 提供5/8以太网端口，使用自动MDI / MDI-X **** 支持10/100Mbps自适应

**** 提供广播暴风的保护

**** 提供了紧凑型尺寸与导轨/挂壁安装,IP40金属机制 **** 支持冗余12 ~ 48个直流电源输入和P-Fail继电器 **** 支持宽温-40 ~ 85°C (EKI-2525I/EKI-2528I)

**EKI-2525** **EKI-2528**



**RoHS**

**COMPLIANT**

2011/65/EU

**介绍**

EKI-2525/2528 支持快速以太网解决方案。功率为+ 12 ~ 48 VDC冗余输入设计，具有双重保护机制:功率极性反向保护和过载电流可复位引信。前者耐受反向电力布线，而后者而后者可保护系统不受过载电流影响。随着电源供应的正常，EKI- 2525 / 2528将自动恢复工作。EKI-2525 / 2528的每个端口都有2个LED指示灯，以显示链路状态传输速度和碰撞状态。它还提供一个事件警报的中继输出。如果出现电源故障，内置的LED将激活警报以通知管理员。工程师可以通过检查LED指示灯来简单地验证硬件的状态，并且可以简单快速地解决问

题。EKI-2525/2528提供了一种紧凑的金属外壳，IP40等级可以在帮助抵御布满灰尘的工业环境。

**规格**

**通信**

IEEE 标准

* LAN

****传输距离

****传输速度

****MAC表

****包转发率

**包缓冲区**

****交换延迟

**接口**

连接器

****LED指示灯

**电源**

****电力消耗

****电源输入

****故障输出

**机构**

****尺寸(W x H x D)

外壳

****安装



|  |  |  |
| --- | --- | --- |
|  | **保护** |  |
| 802.3, 802.3u, 802.3x ,H323、SIP | ****反极性 |  |
| 10/100Base-T (X) ,100BASE-FX(for si version) | ****过载电流 |  |
| Up to 100 m | **环境** |  |
| Up to 100 Mbps |  |
|  |  |
| MAC = 2K | ****操作温度 |  |
|  |  |
| 0.1488Mpps | **** 储存温度 |  |
| Buffer size = 512Kbit | 操作湿度 |  |
| <4.38µs | 储存湿度 |  |
| **** |  |
|  | **** MTBF |  |
| 8 x RJ45 (EKI-2528/I) or 5 x RJ45 (EKI-2525/I) | **认证** |  |
| 安全 |  |
| 6-pin removable screw terminal (power & relay) |  |
|  |  |
| P1, P2, P-Fail |  |  |
| 10/100T (X): Link/Activity, Duplex/Collision | EMI |  |
|  |  |
|  | EMS |  |
| EKI-2525/I: 2.93Watts |  |  |
| EKI-2528/I: 4.71 Watts |  |  |

12 ~ 48 VDC, redundant dual inputs,220AC/DC ( adapter required)

1 Relay Output

|  |  |  |
| --- | --- | --- |
|  | **Shock** |  |
| EKI-2525: 30 x 120 x 95 mm (1.18'' x 4.72'' x 3.74) | **Freefall** |  |
| **Vibration** |  |
| EKI-2528: 30 x 140 x 95 mm (1.18'' x 5.51'' x 3.74) |  |
|  |  |
| IP40, Metal shell with solid mounting kits |  |  |
| DIN-rail, Wall |  |  |

Present

Present

-10 ~ 60°C (14 ~ 140°F)

-40 ~ 85C (-40 ~ 185°F), (EKI-2525I and EKI-2528I)

-40 ~ 85°C (-40 ~ 185°F)

5% ~ 95% (non-condensing)

5%~ 95% (non-condensing)

689,000 hours (EKI-2528/I)

687,904 hours (EKI-2525/I)

EKI-2525/I: UL/cUL 60950 EKI-2528/I: UL/cUL 60950 Class I, Division 2, Groups A, B, C and D

FCC Part 15 Subpart B Class A, EN 55022 Class A EN 61000-4-2

EN61000-4-3

EN61000-4-4

EN61000-4-5

EN61000-4-6

EN 61000-4-8

IEC 60068-2-27

IEC 60068-2-32

IEC 60068-2-6

**Industrial Ethernet Soultions**

All product specifications are subject to change without notice Last updated : 10-May-2016

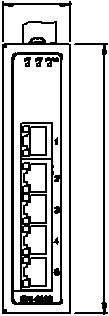
**EKI-2525/I**

**EKI-2528/I**

**结构图**

**EKI-2525/I**

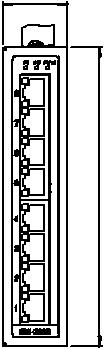
30



|  |
| --- |
| 120 |

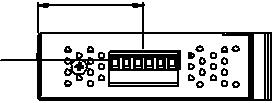
**EKI-2528/I**

30



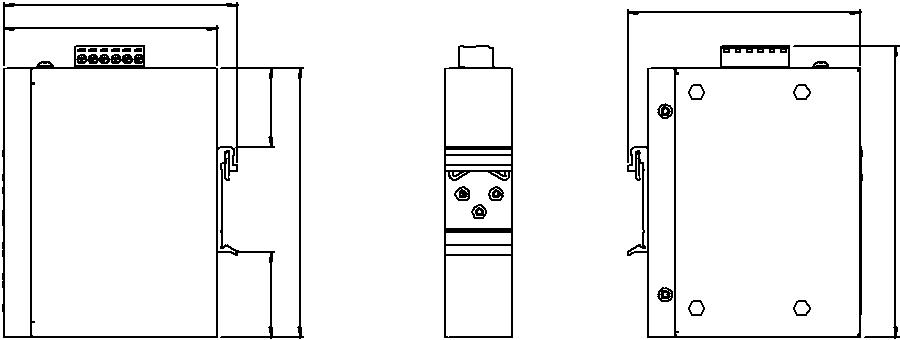
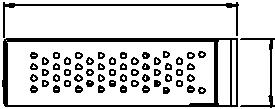
|  |
| --- |
| 140 |

46.90



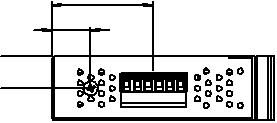
|  |
| --- |
| 7517. |

|  |  |
| --- | --- |
| 104 | 104 |
| 95 |  |
|  | 35 |
|  | 120 |
|  | 38 |
| 104 |  |
|  | 30 |



**Panel Cut-out Dimensions: 30 x 120 x 95 mm (1.18" x 4.72" x 3.74")**

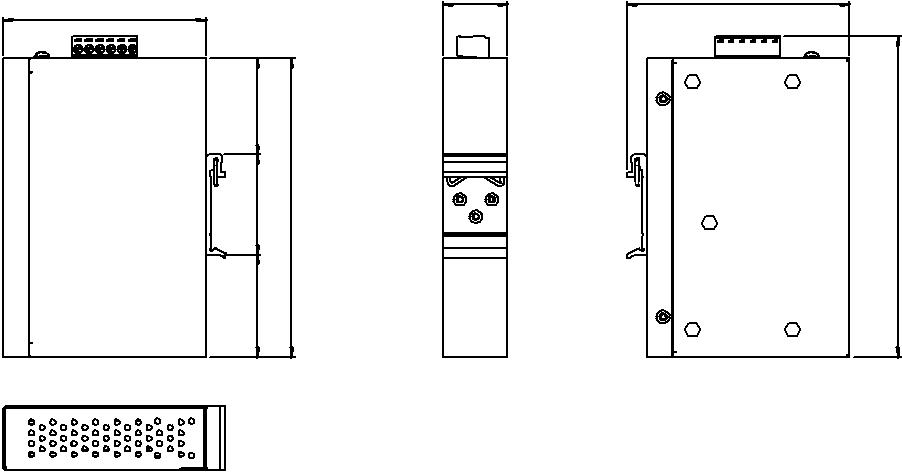
47.30



18

|  |
| --- |
| 15 |

|  |  |  |  |
| --- | --- | --- | --- |
| 95 | 30 | 104 |  |
|  |  |  |
| 45 |  |  |  |
| 47 | 140 |  |  |
| 48 |  |  |  |



Unit: mm

|  |
| --- |
| 130 |

|  |
| --- |
| 150.20 |

|  |  |
| --- | --- |
|  | **Panel Cut-out Dimensions: 30 x 140 x 95 mm ( 1.18" x 5.51" x 3.74")** |
|  |  |
| **订购信息** |  |
| ** EKI-2525-BE** | 5-port Ethernet Switch |
| ** EKI-2525I-BE** | 5-port Ethernet Switch w/ Wide Temp |
| ** EKI-2528-BE** | 8-port Ethernet Switch |
| ** EKI-2528I-BE** | 8-port Ethernet Switch w/ Wide Temp |

**Online Download** www.advantech.com/products