

**EKI-2728/I** **8 端口全千兆非网管型工业以太网交换机**



**特性**

****提供8个千兆自适应以太网口

****支持10/100/1000Mbps自适应

****支持最大9k字节的巨帧传输

****结构紧凑，支持DIN导轨安装

****支持12-48VDC冗余电源输入和继电器报警

****提供广播风暴保护



**RoHS**

**COMPLIANT**

2011/65/EU

**介绍**

EKI-2725/2728设备具有EKI系列标准性能。它提供12~48VDC冗余电源输入设计及电源极性反接保护、过载可重设保险管双重安全保护机制。前者可保证当电源连线正、负端被接反时，设备也不会因此损坏，仍会正常工作。后者可保证电源连接恢复正常时，系统免于过载电流的损害并回到正常工作状态。EKI-2725/2728的每个端口都有连接状态传输速度及冲突状态的指示灯。在电源发生故障时，设备将会使用继电器输出，LED指示灯亮并报警通知管理员。工程师可方便地通过指示灯对硬件进行快速的检查及故障诊断。EKI-2728配备了紧凑型金属外壳，防护等级为IP30，有助于防止尘土飞扬的工业环境。

**规格**

**通信**

|  |  |  |
| --- | --- | --- |
| **** | **标准** | IEEE 802.3, 802.3u, 802.3x, 802.3ab |
| **** | **LAN** | 10/100/1000Base-T(X) |
| ** 传输距离** | Up to 100 m (4-wire Cat.5e, Cat.6 RJ45 cable) |
| **** | **传输速度** | Up to 1000 Mbps |

**接口**

** 连接器** 8 x RJ45

6-pin removable screw terminal (power & relay)

** LED 指示灯** P1, P2, P-Fail

10/100/1000T (X): Link/Activity, Duplex/Collision

**环境**

|  |  |  |
| --- | --- | --- |
| **** | **工作温度** | -10 ~ 60°C (14 ~ 140°F) |
|  |  | -40 ~ 75°C (-40 ~ 167°F) / (I model) |
| **** | **储存温度** | -40 ~ 85°C (-40 ~ 185°F) |
| ** 工作湿度** | 10 ~ 95% (non-condensing) |
| ** 储存湿度** | 10 ~ 95% (non-condensing) |
| ** MTBF** | TBD |

**认证**

|  |  |  |
| --- | --- | --- |
| **** | **安全** | UL 60950 |
| **** | **EMI** | CE, FCC Class A |
| **** | **EMS** | EN 61000-4-2 |

**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**

5.8W

12 ~ 48 VDC, redundant dual inputs

1 Relay Output

30 x 140 x 95 mm (1.18" x 5.51" x 3.74") IP30, Metal shell with solid mounting kits DIN-rail, Wall

|  |  |
| --- | --- |
|  | EN 61000-4-3 |
|  | EN 61000-4-4 |
|  | EN 61000-4-5 |
|  | EN 61000-4-6 |
|  | EN 61000-4-8 |
| ** Shock** | IEC 60068-2-27 |
| ** Freefall** | IEC 60068-2-32 |
| ** Vibration** | IEC 60068-2-6 |

**保护**

**反极性** Present

**过载电流** Present



**Industrial Communication**

All product specifications are subject to change without notice. Last updated: 12-Feb-2018

**EKI-2728/I**

**结构图**

30 [1.18] [0.38]



|  |
| --- |
| 9.7 |

|  |
| --- |
| [5.5]140 |

Unit: mm [inch]

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 15[0.59] | [0.59] | 16 | 7 |  |
|  | [0.63]7[0.28] |  |
|  | [0.33] | [0.63] | [0.28] |  |
|  | 8.30 |  |
|  |  |  |  |
|  | 15 | 18 [0.71] | 16 |  |
|  |  |  |  |



1. [4.09]

95 [3.74]



|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 32.45 | 30 |  |  |  | 95 [3.74] |  |
| [1.28] | [1.18] |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |



|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | 48 [1.89] 47 [1.85] | 140 [5.51] | 149. [5.89]70 | 66 [2.60] | 74 [2.91] | 140 [5.5] |  |
| 16 | 7 |  |  | 15 [0.59] |  |  |
|  | 15 [0.59] | 7.50 [0.30] |  |  |
| [0.63] | [0.28] |  |  |  |  |  |  |
|  | [0.28] |  | [0.63] |  |  |  |  |
|  | 7 | 16 |  |  |  |  |



**Panel Cut-out Dimensions: 30 x 140 x 95 mm (1.18" x 5.51" x 3.74")**

**订购信息**

** EKI-2728-CE** 8-port Gigabit Unmanaged Switch

** EKI-2728I-CE** 8-port Gigabit Unmanaged Switch w/wide temp

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