

**EKI-5629CI EKI-5626CI**



**8FE+2GE组合以太网前置交换机**

**16FE+2GE组合以太网前置交换机**

**特性**

****支持“自动化语言”Modbus/TCP协议，可用组态软件管理

****支持“IT语言” SNMP协议，可方便采用网管NMS软件进行管理

****基于QoS的VIP端口可保障关键数据的可靠传输

****支持-40~75°C操作温度范围(仅限EKI-5629CI/5626CI型号)

****EMS level 3工业标准更适合苛刻环境应用

****8.4 ~52.8 VDC宽电压输入

****IEEE 802.3az节能标准更加节能环保

****支持9,216 Bytes巨帧传输，让数据传输更高效****支持12~48V冗余直流电源输入及P-Fail继电器****环路故障自动诊断



**RoHS**

**COMPLIANT**

2002/95/EC

**介绍**

EKI-5629C/CI及EKI-5626C/CI是全球首款兼备工控与IT 双重特质的非管理型工业以太网交换机。其支持Modbus/TCP 及SNMP 协议，可无缝连接SCADA系统及IT 网管软件，该款产品符合IEEE 802.1p QoS- VIP 端口- 确保关键数据的可靠传送。此外，其拥有专用VIP 端口、自动环路故障检测、智能节能、智能故障诊断及支持9,216 byte 巨型帧高效传输，支持8.4 ~ 52.8VDC 冗余电源输入及-40~75°C 宽工作温度范围，保障严苛环境中的稳健运行，以抵御工业电阻的电磁接口。

**规格**

**通信**

|  |  |  |
| --- | --- | --- |
| **** | **标准** | IEEE 802.3, 802.3u, 802.3x, 802.1p, 802.3az , 802.3ab |
| **** | **LAN** | 10/100/1000Base-T(X), Optional 100Base-FX, |
|  |  | 1000Base-SX/LX/LHX/XD/ZX/EZX |
| ** 传输距离** | Ethernet: UP to 100m (4-wire Cat.5e, Cat.6 RJ-45 cable |
|  |  | suggested for Gigabit port) |
|  |  | SFP: UP to 110km (depends on SFP) |
| **** | **传输速度** | Ethernet: 10/100Mbps Auto-Negotiation |
|  |  | Gigabit Copper: 10/100/1000Mbps, Auto-Negotiation |
|  |  | Gigabit Fiber: UP to 1000Mbps |

**接口**

|  |  |  |
| --- | --- | --- |
| ** 连接器** | EKI-5629CI: 8 x Fast Ethernet (RJ45) + 2 x Giga (RJ45/ |  |
|  | SFP) combo ports |  |
|  | EKI-5626CI:16 x Fast Ethernet (RJ45) + 2 x Giga |  |
|  | (RJ45/SFP) combo ports |  |
| ** LED 指示灯** | 6-pin removable screw terminal (power & relay) |  |
| P1, P2, P-Fail, Loop detection |  |
|  | 10/100T(X): Link/Activity, Speed |  |
|  | Gigabit Copper: Link/Activity, Speed (1000 Mbps) |  |
|  | SFP: Lin k/Activity |  |

**开关属性**

|  |  |  |
| --- | --- | --- |
| ** MAC 面板尺寸** | 8K |  |
| ** 数据包缓存** | 4.1M bit |  |
| ** 开关容量** | EKI-5629CI: 5.6 Gbps |  |
| ** Jumbo Frame** | EKI-5626CI: 7.2 Gbps |  |
| 9216 bytes |  |

**电源**

|  |  |  |
| --- | --- | --- |
| ** 电力消耗** | EKI-5629CI: 5.8W |  |
|  | EKI-5626CI: 8.2W |  |
| ** 电源输入** | 12 ~ 48 VDC (8.4 ~ 52.8 VDC), redundant dual inputs |  |
| ** 故障输出** | 1 Relay Output |  |
|  |  |



**机构**

** 尺寸 (W x H x D)** 74 x 120 x 84 mm

** 外壳** IP30, metal shell with solid mounting kits

**安装** DIN-Rail, Wall

**保护**

**反极性** Present

**过载电流** Present

**环境**

** 操作温度** -40 ~ 75°C (-40 ~ 167°F)

** 储存温度** -40 ~ 85°C (-40 ~ 185°F)

** 操作湿度** 10 ~ 95% (non-condensing)

** 储存湿度** 10 ~ 95% (non-condensing)

** MTBF** EKI-5629CI: 3,183,604 hours

EKI-5626CI: 2,825,281 hours

**认证**

|  |  |  |  |
| --- | --- | --- | --- |
| **** | **安全** | UL508, Class 1 Division 2, ATEX |  |
| **** | **EMI** | CE/FCC |  |
| **** | **EMS** | EN 61000-4-2 (Level 3) |  |
|  |  | EN 61000-4-3 (Level 3) |  |
|  |  | EN 61000-4-4 (Level 3) |  |
|  |  | EN 61000-4-5 (Level 3) |  |
|  |  | EN 61000-4-6 (Level 3) |  |
| ** Shock** | EN 61000-4-8 (Level 3) |  |
| IEC 60068-2-27 |  |
| ** Freefall** | IEC 60068-2-32 |  |
| ** Vibration** | IEC 60068-2-6 |  |

**订购信息**

|  |  |  |
| --- | --- | --- |
| ** EKI-5629CI-AE** | 8FE + 2GE Combo Ethernet ProView Switch with Wide |  |
| ** EKI-5626CI-AE** | Temperature |  |
| 16FE + 2GE Combo Ethernet ProView Switch with Wide |  |
|  | Temperature |  |

**Industrial Communication**

All product specifications are subject to change without notice. Last updated: 5-Mar-2018

**EKI-5629CI & EKI-5626CI**

**结构图**

**EKI-5629CI**

|  |
| --- |
| 11.1 [0.439] |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 33.4 | 35.6 |  | Unit: mm [inch] |  |
|  |  |  |
| [1.315] | [1.400] |  |  |  |
|  |  |  |  |  |



15

[0.591]



|  |  |
| --- | --- |
| 7.6 [0.299] | 51.4 [2.024] |
| 10.9[0.429] |  |

**EKI-5626CI**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 84 [3.307] |  |  |  |  |
|  | 30.9 | 12.5 |  |  |  |  |
|  | [1.215] | [0.492] | 9 [0.354] | 73 [2.874] | 93 [3.661] |  |
|  |  |  |  |  |  |
|  |  |  | 47 [1.850] | 130 [5.118] | 130 [5.118] |  |
|  |  |  | 38 [1.496] |  |  |  |
| 711.461][0. |  |  |  |  |  |  |
| 16.4 [0.644] |  |  |  |  |  |
|  | 33.4 | 35.6 |  |  |  |  |
| 1 439]11.[0. | [1.315] | [1.400] |  |  |  |  |
|  |  |  |  |  |  |



15

[0.591]



|  |  |
| --- | --- |
| 7.6 [0.299] | 51.4 [2.024] |
| 10.9[0.429] |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 84 [3.307] |  |  |  |  |
| 30.9 | 12.5 |  |  |  |  |
| [1.215] | [0.492] | 9 [0.354] | 73 [2.874] | 93 [3.661] |  |
|  |  |  |  |  |
|  |  | 47 [1.850] | 130 [5.118] | 130 [5.118] |  |
|  |  | 38 [1.496] |  |  |  |



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| --- |
| 461][0. 711. |



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