



KV-C16XTD

16-point/16-point Connector MOSFET (Sink) with Overcurrent Protection



*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

Specifications

| | | |
|------------------------------|------------------------|--|
| Model | | KV-C16XTD |
| Type | | I/O unit |
| External connection method | | Connector (MIL standard)*1 |
| Input | Number of inputs | 16 points |
| | Input mode | 24 VDC mode, 5 VDC mode |
| | Maximum input voltage | 26.4 VDC |
| | Rated input voltage | 24 VDC mode:24 VDC, 5.3 mA , 5 VDC mode: 5 VDC, 1 mA |
| | Minimum ON voltage | 24 VDC mode:19 V , 5 VDC mode: 3.5 V |
| | Maximum OFF current | 24 VDC mode: 1.5 mA |
| | Maximum OFF voltage | 5 VDC mode: 1.5 V |
| | Common method | 16 points/1 common (1 terminal) |
| | Input time constant | 25 μs/300 μs*2/1 ms/10 ms |
| | Input impedance | 4.3 kΩ |
| Output | Number of outputs | 16 points |
| | Output mode | MOSFET (sink) (with overcurrent protection function) |
| | Rated load | 30 VDC, 0.2 A |
| | Leakage current at OFF | 100 μA or less |
| | Residual voltage at ON | 0.5 VDC or less |
| | Common method | 16 points/1 common (1 terminal) |
| | Operation time | OFF to ON:100 μs or less ,ON to OFF: 300 μs or less |
| Internal current consumption | | 40 mA or less |
| Weight | | Approx. 110 g |

*1 Connectors for connector-type I/O units are not included XC Series Terminal Block Conversion Unit is available.
*2 Configurable only when KV-8000A/7500/7300/5500/5000/3000 is connected. Cannot be selected when connected to KV-1000/700.

Dimensions

* Download CAD file or product manual for larger image/text and more detail.

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