



# KV-C32XTD

32-point/32-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-C32XTD
Type		I/O unit
External connection method		Connector (MIL standard)*1
Input	Number of inputs	32 points
	Input mode	24 VDC mode*2
	Maximum input voltage	26.4 VDC
	Rated input voltage	24 VDC, 4.1 mA
	Minimum ON voltage	19 V
	Maximum OFF current	1.5 mA
	Maximum OFF voltage	-
	Common method	32 points/1 common (2 terminals)*3
	Input time constant	25 μs/300 μs*4/1 ms/10 ms
	Input impedance	5.6 kΩ
Output	Number of outputs	32 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	32 points/1 common (2 terminals)*3
	Operation time	OFF to ON:150 μs or less , ON to OFF: 300 μs or less
Internal current consumption		65 mA or less
Weight		Approx. 130 g

\*1 Connectors for connector-type I/O units are not included XC Series Terminal Block Conversion Unit is available.  
\*2 All terminals are compatible with the 2-wire system (However, EV Series 2-wire system proximity sensors are not supported).  
\*3 Although there are two input COMs and two output COMs, these COM pairs are the same internally. The input COM and output COM terminals are independent.  
\*4 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.

KV-C32XTD

