KEYENCE

KV-C64XC

64-point Connector, with All Terminals Supporting 2-wire Sensors

CE c(UL)us LISTED

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

Specifications

Model		KV-C64XC
Type		Input Unit
External connection method		Connector (MIL standard)*1
Input	Number of inputs	64 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) × 2*3
	Input time constant	[Input time constant setting 25 µs] OFF to ON: Typ. 25 µs/Max. 65 µs, ON to OFF: Typ. 75 µs/Max. 120 µs [Input time constant setting 300 µs*4] OFF to ON: Typ. 275 µs/Max. 365 µs, ON to OFF: Typ. 275 µs/Max. 420 µs [Input time constant setting 1 ms] OFF to ON: Typ. 1 ms/Max. 1.2 ms, ON to OFF: Typ. 1 ms/Max. 1.2 ms [Input time constant setting 10 ms] OFF to ON: Typ. 10 ms/Max. 12 ms, ON to OFF: Typ. 10 ms/Max. 12 ms (four-level switching)
	Input impedance	5.6 kΩ
Internal current consumption		25 mA or less
Weight		Approx. 140 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 KV-C64XC has four common points, the H side (2 points) are the same, and the L side (2 points) are the same as internal points.
*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-C64XC