



KV-NC16EXT

Expansion I/O unit,32-point type,Connector type,Input 16 points,transistor output,16 points



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

Specifications

Model				KV-NC16EXT	
Expansion input unit	External connection method			Connector	
	Input Points			16	
	Input terminals			24 VDC mode, 5 VDC mode	
	Maximum input voltage			26.4 VDC	
	Input rated voltage	24 VDC mode		5.2 mA	
		5 VDC mode		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			1.5 V	
	Common method			16 points/1 common (1 terminal)*1	
	Input time constant (four-level switching)	Input time constant setting	OFF to ON: Typ.	25 μs : 10 μs 300 μs : 240 μs 1 ms : 1 ms 10ms : 10 ms	
			OFF to ON: Max.	25 μs : 50 μs 300 μs : 290 μs 1 ms : 1.2 ms 10ms : 11 ms	
			ON to OFF: Typ.	25 μs : 50 μs 300 μs : 280 μs 1 ms : 1 ms 10ms : 10 ms	
			ON to OFF: Max.	25 μs : 150 μs 300 μs : 390 μs 1 ms : 1.2 ms 10 ms : 11 ms	
Input impedance			4.4 kΩ		
Expansion output unit	Output Points			16	
	External connectionmethod			MOSFET (N-ch) (with overcurrent protection function) *2	
	External connection method			Connector	
	Rated load			30 VDC 0.2 A *3	
	Leakage current (when output is OFF)			100 μA or less	
	Residual voltage (at ON)			0.6 VDC or less	
	Common method			16 points/1 common (1 terminal) *1	
	Response time	OFF to ON		100 μs or less (with a load of 1 mA or more)	

	ON to OFF	200 $\mu$ s or less (with a load of 1 mA or more)
Internal current consumption		30 mA or less
Weight		Approx. 120 g

\*1 The input COM and output COM terminals are independent.

\*2 If even a single overcurrent is detected, the protection operation (output turned OFF) and automatic recovery are repeated for all outputs within the shared common, until the cause of the problem is removed.

\*3 Rated load of each common is 1.6 A.

# Dimensions

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

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