



KV-N8EXR

Expansion I/O unit, 16-point type, Screw Terminal Block, Input 8 points, relay output 8 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-N8EXR
Expansion input unit	External connection method			Terminal block
	Input Points			8
	Input terminals			24 VDC mode, 5 VDC mode
	Maximum input voltage			26.4 VDC
	Input rated voltage	24 VDC mode		5.3 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			8 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			4.3 kΩ	
Expansion output unit	Output Points			8
	External connectionmethod			Relay
	Rated load			250 VAC/30 VDC, 2 A
	Leakage current (when output is OFF)			—
	Residual voltage (at ON)			
	ON resistance			50 mΩ or less
	Common method			4 points/1 common (2 terminals) *1*2
	Response time	OFF to ON		10 ms or less
		ON to OFF		

	Relay life	Electrical: 100000 cycles or more (20 cycles/minute) Mechanical: 20000000 cycles or more
	Relay replacement	Impossible
Internal current consumption		60 mA or less
Weight		Approx. 230 g

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

\*2 The KV-N8EXR has two output terminals for each of C1 and C2 respectively, but each pair of these terminals is shared internally. (C1 and C2 are isolated.)

Dimensions

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

KV-N8EXR/N8EXT

