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KV-16AR

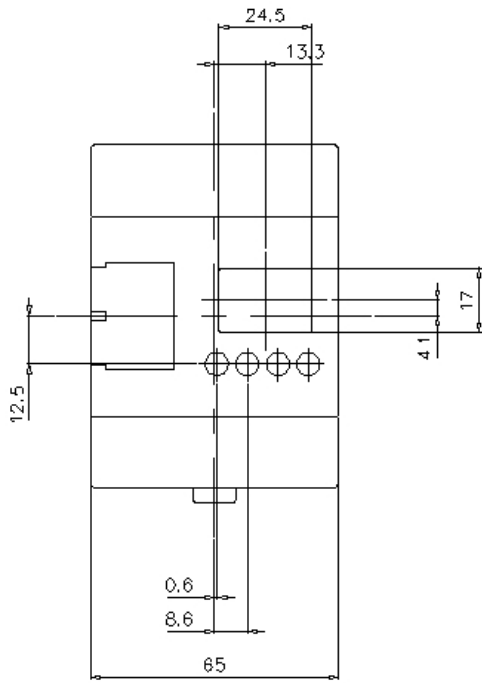
Base Unit, AC Type, 10 Inputs and 6 Relay Outputs



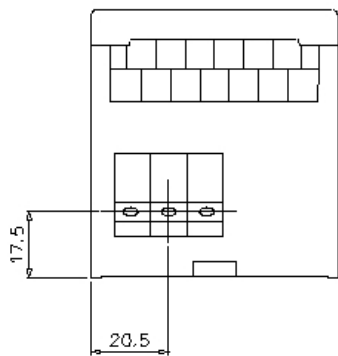
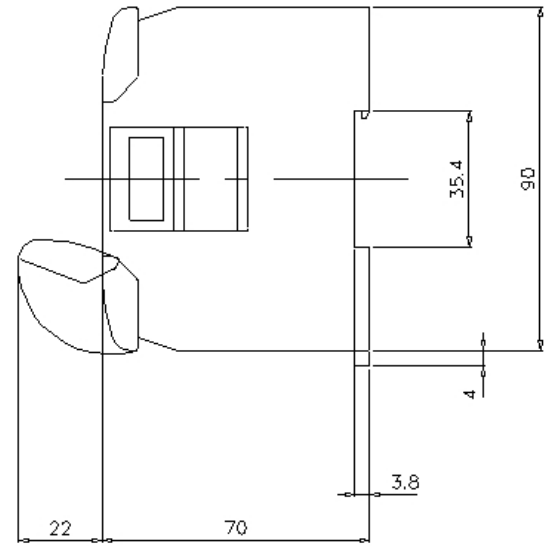
SPECIFICATIONS

Model		KV-16AR	
Type		AC power supply type base unit	
Input power supply voltage	Base unit	100 to 240 VAC ($\pm 10\%$)	
Allowable instantaneous outage time		Less than 40 ms	
Internal current consumption (24 VDC conversion value)		120mA or less	
Expansion unit	KV-E4X 20mA or less KV-E8X 25mA or less KV-E16X 35mA or less KV-E4T 25mA or less KV-E8T(P) 40mA or less KV-E16T 60mA or less KV-E4R 40mA or less KV-E8R 70mA or less KV-E16TP 70mA or less KV-E4XT(P) 30mA or less KV-E4XR 45mA or less KV-E16R 110mA or less		
	Other		
	Operator panel KV-D20: 60 mA or less KL link adapter KL-N10V: 35 mA or less Programming console KZ-P3: 65 mA or less		
Environmental resistance	Operating ambient temperature		0 to 50°C (no freezing), 0 to 45°C (KZ-P3)
	Operating ambient humidity		35 to 85% RH (no condensation)
	Storage ambient temperature		-20 to 70°C (no freezing)
Withstand voltage		1,500 VAC for 1 minute (between the power supply terminal and the I/O terminals and between all the external terminals and the case)	
Noise resistance		1,500 Vp-p or more, pulse width: 1 μ s, 50 ns (by way of a noise simulator), conforms to EN standards (EN 61000-4-2/-3/-4/-6)	
Shock resistance		Conforms to JIS C 0041, 150 m/s ² (15 G), operating time: 11 ms, 2 times in each of the 3 axial directions	
Vibration resistance ^{*1}	Intermittent vibration	Frequency: 10 to 57 Hz	Amplitude: 0.075 mm
		Frequency: 57 to 150 Hz	Acceleration: 9.8 m/s ²
	Continuous vibration	Frequency: 10 to 57 Hz	Amplitude: 0.035 mm
		Frequency: 57 to 150 Hz	Acceleration: 4.9 m/s ²
Insulation resistance		50 M Ω or more (tested with a 500 VDC megger, between the power supply terminal and the input terminal and between all the external terminals and the case)	
Operating environment		Minimal amount of dust and corrosive gas present	
Weight	Base unit		approx 300g
	Expansion unit		KV-E4X: approx. 80 g, KV-E8X: approx. 100 g, KV-E16X: approx. 130 g, KV-E4T: approx. 80 g, KV-E8T (P): approx. 100 g, KV-E16T (P): approx. 130 g, KV-E4R: approx. 100 g, KV-E8R: approx. 130 g, KV-E16R: approx. 190 g, KV-E4XT (P): approx. 100 g, KV-E4XR: approx. 120 g
	Other		KZ-P3 approx 230g KV-D20 approx 160g KL-N10V approx 80g
^{*1} Conforms to JIS B 3502, IEC61131-2 Number of sweeps: 10 times respectively in the X, Y, and Z directions, 80 minutes			

Dimensions



Kv-16a





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