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KV-40DR

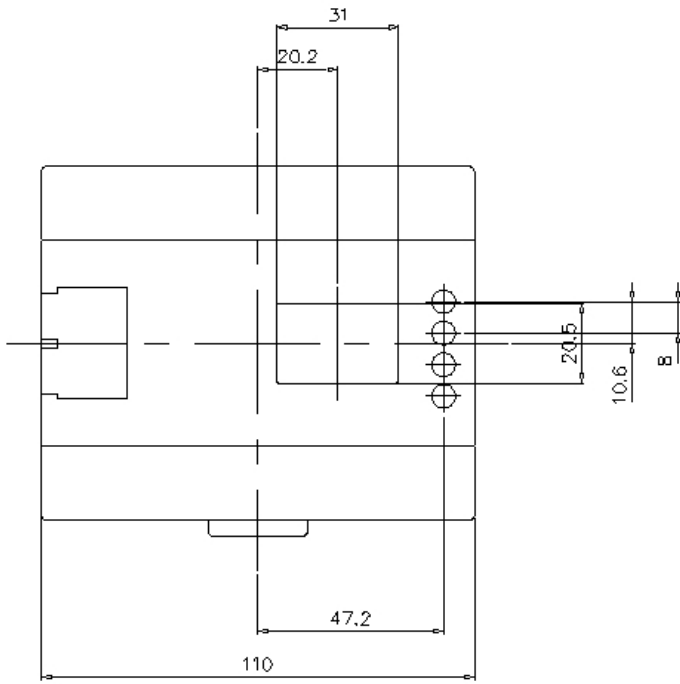
Base unit, DC type, 24 Inputs and 16 Relay Outputs



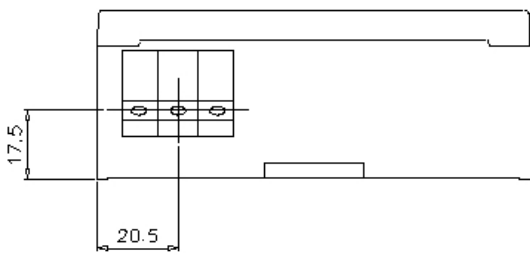
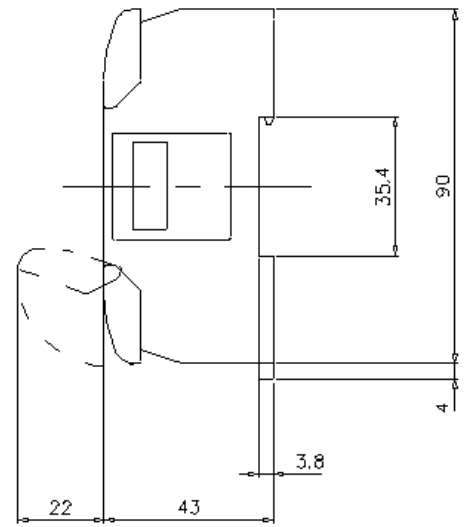
SPECIFICATIONS

Model	KV-40DR			
Type	DC power supply type base unit			
Input power supply voltage	Base unit	24 VDC (+ 10%, - 20%)		
Allowable instantaneous outage time		Less than 2 ms		
Internal current consumption (24 VDC conversion value)		180mA 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 μs, 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 MΩ 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 330g		
	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-40d





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