Heavy Duty Relay

K750 Series

Part Number Description

K750 - 2A ❶

❶ Coil Voltage	12VDC	24VDC	110VAC	220VAC

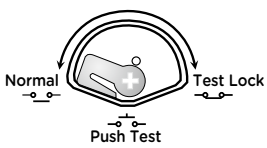
General Specification

Contact Ratings	Contact Form	2N/O		
	Contact Material	Tri-Composite Silver Alloy		
	Maximum Contact (Resistance load)	100mΩ		
	Rated Current (Ressistance Load)	30A 30VDC	40A 250 VAC	
	Maximum Switching Current	40A		
	Minimum Switching Current *	100mA 5VDC		
Coil Ratings	Coil Voltage	12VDC, 24VDC	100/110 VAC 50/60 Hz	220/240 VAC 50/60 Hz
	Coil Consumption DC	1.9W approx.		
	Coil Consumption AC	1.8 ~ 27VA approx.		
	Minimum Pick-up Voltage	80% of Nominal Voltage		
	Maximum Drop-out Voltage	DC : 10% of Nominal Voltage		
		AC : 30% of Nominal Voltage		
General Ratings	Operating Time	Maximum Pick-up : 30 ms		
		Minimum Drop-out : 30 ms		
	Insulation Resistance	Max. 100MΩ		
	Dielectric Strength	Between Contact Points : 2,000Vrms 1 minute		
		Between Contact Points and Coil : 4,000Vrms 1 minute		
	Life Cycle	Mechanical : Min. 1,000,000		
		Electrical : Min. 100,000		
	Vibration Resistance	Malfuntion 10 ~ 55Hz dual amp. : 1.0mm		
		Destruction 10 ~ 55Hz dual amp. : 1.5mm		
	Shock Resistance	Malfunctional Approx. 10G		
		Destruction Approx. 100G		
	Ambient Temperature	-40˚C ~ 60˚C (with no icing or condensing)		
	Ambient Humidity	10 ~ 80%RH (no condensing)		

☞ The minimum Switching current is indicated as a standard value. The actual mininum Switching rate is variable factor according to the make and break frequency, environmental condition and anticipated credibility level. Therefore, it is recommended that tests be done to test actual load value before the production process.

☞ Specifications and materials can be changed without prior notice for the enhancement of the quality.

Test Button



- Push Test : Momentary
- Test Lock : Contact ON
- Normal : Contact OFF

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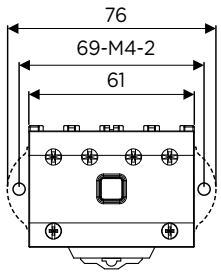
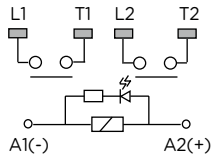
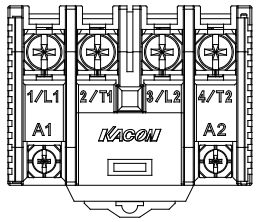
Dimension

unit : mm

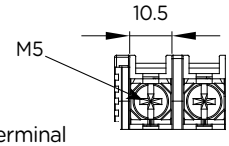


K750 CIRCUIT DIAGRAM

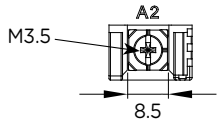


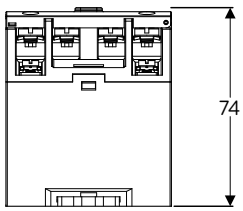


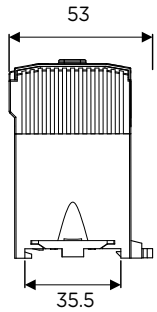
LOAD terminal



INPUT terminal







Terminal Specification

	LOAD 2a	INPUT
Terminal	5.0-8.0	2.0-3.5
Screw	M 5.0	M 3.5
TORQUE (MAX / N·m)	2.0	0.8