



L92 - S - 2C - D24 - P

Relay Type:-
 Sealed type : S : Plastic Sealed
 SH : Sealed
 Contact Form : 2A / 2C
 Coil type D: DC : 12,24 VDC
 A : AC : 24 ,120, 240 VAC
 P : PCB Type
 F1 : Flange Case with QCT (6.35mm)
 F2 : Flange Case with QCT (4.75mm)

Features :

- 30A switching capacity
- 2 Form A/C configuration
- Creepage distance 8MM

Model		L92 Series
Features	Dimension L * W * H (mm)	PCB : 52 * 33.7 * 26.7 , QCT : 68.6 * 33.7 * 26.4
	Terminal Type	PCB , Flange case with QCT
	Switching Capability	30A/277VAC/28VDC
Contact Data	Contact Form	2A , 2C
	Contact Material	Silver Alloy
	Contact Capacity	NO : 30A/277VAC/250VAC , NC : 3A/277VAC/250VAC
	Contact Resistance	100mΩ Max. (at 1A / 6VDC)
General Data	Dielectric Strength	4000VAC 1min. between coil to contacts 1500VAC 1min. between open contacts 1500VAC 1min. between contact groups
	Insulation Resistance	1000MΩ 500VDC
	Vibration Resistance	10-55Hz , 1.5mm
	Shock Resistance	Stability 200 m/s ² , Strength 1000m/s ²
	Electrical Life Mechanical Life	1 x 10 ⁵ 1 x 10 ⁷
	Humidity	5% ~ 85% RH
	Operating Temperature	AC coil: -40°C ~ +65°C , DC coil: -40°C ~ +85°C
Application	Ideal for home and industrial appliances,HVAC,Solar Inverter,Home Appliances, Industrial Equipments,UPS, Automation,General control system,Charger,etc.	

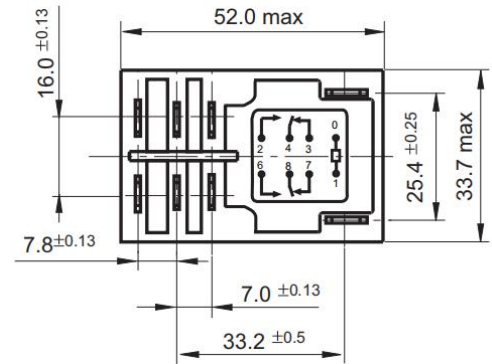
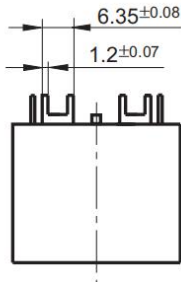
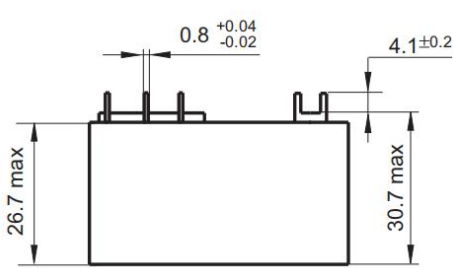
COIL DATA (VDC)

Rated voltage (VDC)	Pick-up Voltage VDC (Max.)	Drop-out Voltage VDC (Min.)	Max working Voltage (VDC)	Coil resistance (Ω±10%)	Power (W)
5	≤3.5	≥0.5	5.5	15	1.7
6	≤4.5	≥0.6	6.6	21	1.7
12	≤9.6	≥1.2	13.2	85	1.7
24	≤19.2	≥2.4	26.4	340	1.7
48	≤36	≥4.8	52.8	1355	1.7
110	≤82.5	≥11	121	7120	1.7

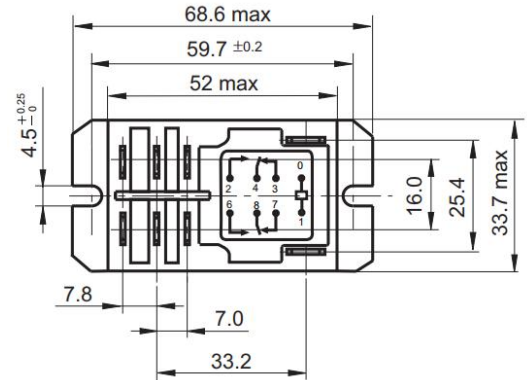
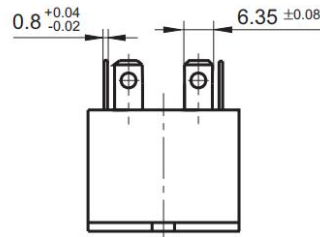
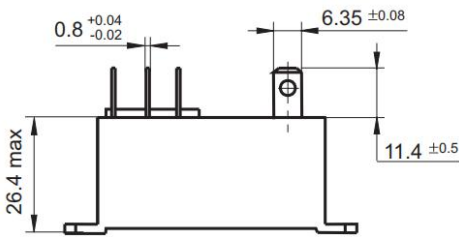
COIL DATA (VAC) 50Hz / 60Hz

Rated voltage (VAC) 50Hz/ 60Hz	Pick-up Voltage VAC (Max.)		Drop-out Voltage VAC (Min.)		Max working Voltage (VDC)	Coil resistance ($\Omega \pm 10\%$)	Power (VA)
	50Hz	60Hz	50Hz	60Hz			
120A	≤ 88	≤ 96	≥ 22	≥ 24	132	950	4.0
208A	≤ 160	≤ 166.4	≥ 40	≥ 41.6	229	2841	4.0
240A	≤ 176	≤ 192	≥ 44	≥ 48	264	4370	4.0
277A	≤ 200	≤ 221.6	≥ 50	≥ 55.4	305	5485	4.0

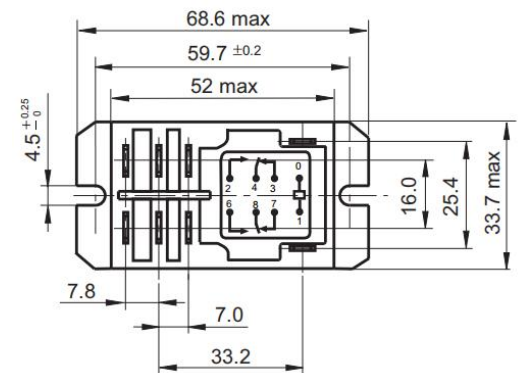
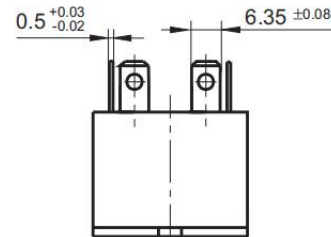
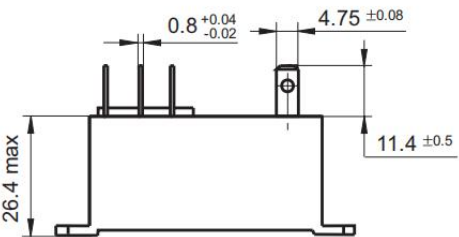
PCB Type



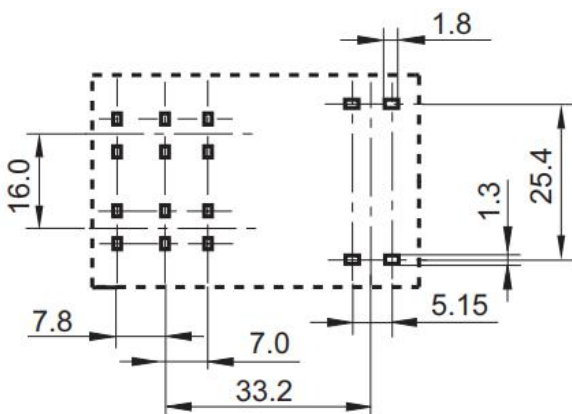
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F2 : Flange Case with QCT (4.75mm)



Pin Dimension



Wiring diagram

