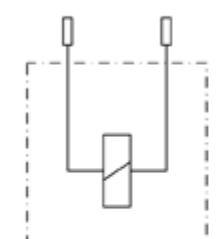
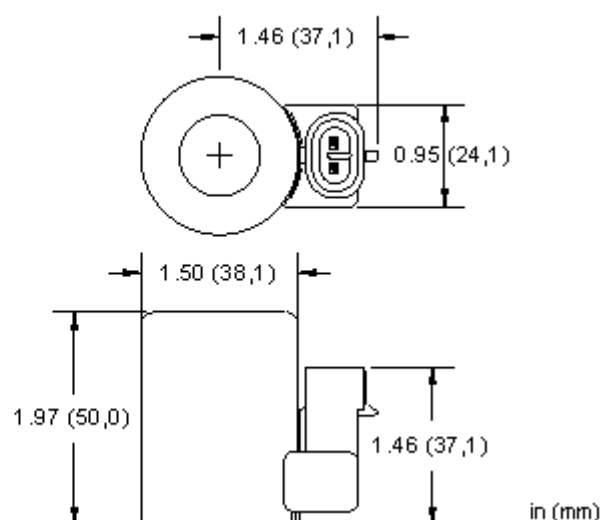


24 VDC coil with Metri-Pack, Series 150-2M connector

Model:
770-824N



DC Coil – No Diode



Technical Features

- This DC coil does not include a TVS surge suppression diode. Coils without TVS diodes should only be used when surge suppression is included elsewhere in the electrical system.
- For optimum proportional performance, an amplifier with current sensing and adjustable dither should be used. Dither should be adjustable between 100 - 250 Hz.
- The external steel shell is zinc plated with black dichromate.
- RoHS compliant. Restricted materials less than 0.1% total by weight.
- The Metri-Pack, Series 150-2M connector satisfies the requirements of thermal shock tests. In this test, the coil is energized to achieve its stabilized temperature and then immediately immersed into ice cold water. This process is repeated 5 times, after which, the insulation resistance of the coils should not fall below 10 megaohms.
- Coil windings utilize Class N, (392° F [200 °C] rated) magnet wire.
- IP rating is dependent on the coil connector and the mating connector used.
- Power cable with mating connector is required and is not included with product.

Technical Data

	U.S. Units	Metric Units
Arc Suppression	Standard	
Maximum Ambient Temperature	122 °F	50 °C
Maximum Coil Temperature at 68°F (20°C) Ambient	218°F (105°C)	
Power Consumption (cold) - at rated voltage	22 watts	

Voltage/Frequency	24 VDC	
Operating Voltage Range	+/- 10% nominal	
Duty cycle Rating	100 %	
Connector	Metripack Series 150-2M	
Connector Environment Rating	IP69K	
Solenoid Tube Diameter	.75 in.	19 mm
Coil Nut Torque	4.5 lbf in.	0,5 Nm
Model Weight	0.50 lb.	0.23 kg.

Proportional Performance Data

	U.S. Units	Metric Units
Maximum Current	590 mA	
Nominal Coil Resistance at 122°F (50°C) Stabilized	37.2 ±5% ohms	
Nominal Coil Resistance at 68°F (20°C) Cold	26.2 ±5% ohms	

770-824N**What models can this kit be used on?**

DAAL	DBALS	DLDX	DMDAS	DNDAS	DNDYS	DTCAS	DTDAS
DAALS	DLDA	DLDXS	DNCA	DNDC	DTCA	DTDA	DWDA
DBAL	DLDAS	DMDA	DNDA	DNDY			

Related Information

Environmental Test Specification, S-367 in pdf format

Instructions/Notes

- No Special Notes Available for selected model.