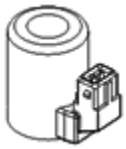
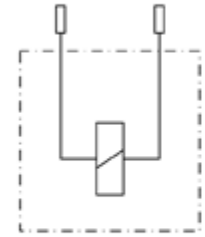
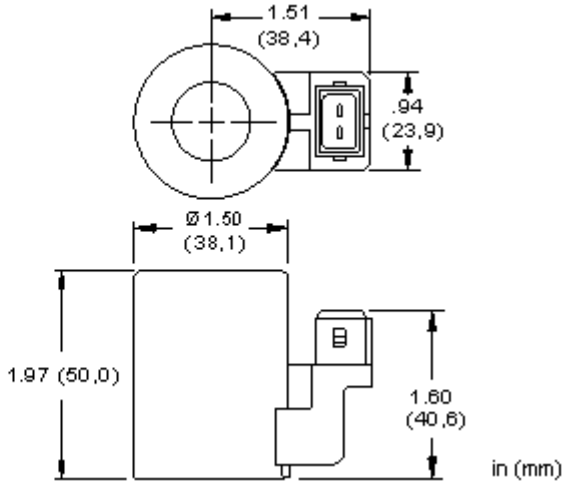
12 VDC coil with AMP Junior Timer connector

Model:
770-612N





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.
- 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.
- 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.

Technical Data

	U.S. Units	Metric Units
Arc Suppression	Standard	
Maximum Ambient Temperature	122 °F	50 °C
Maximum Coil Temperature at 68ºF (20ºC) Ambient	218ºF (105ºC)	
Power Consumption (cold) - at rated voltage	22 watts	
Voltage/Frequency	12 VDC	
Operating Voltage Range	+/- 10% nominal	
Duty cycle Rating	100 %	
Connector	AMP Junior Timer	
Connector Environment Rating	IP67	

Solenoid Tube Diameter	.75 in.	19 mm
Coil Nut Torque	4.5 lbf in.	0,5 Nm
Model Weight	0.51 lb.	0.23 kg.

Proportional Performance Data

	U.S. Units	Metric Units
Maximum Current		1150 mA
Nominal Coil Resistance at 122ºF (50ºC) Stabilized		9.4 ±8% ohms
Nominal Coil Resistance at 68ºF (20ºC) Cold		6.4 ±8% ohms

770-612N

What models can this kit be used on?

DAAL	DLDAS	DMDAS	DNDAS	DTCAS	FMDA	HDDAS	PSDL
DAALS	DLDAZ	DMDAZ	DNDC	DTCAZ	FMDB	PRDL	PSDP
DBAL	DLDX	DNCA	DNDY	DTDA	FPCC	PRDM	RBAN
DBALS	DLDXS	DNCAZ	DNDYS	DTDAS	FPCH	PRDN	RBAP
DLDA	DMDA	DNDA	DTCA	DWDA	HDDA	PRDP	

Related Information
Environmental Test Specification, S-367 in pdf format

Instructions/Notes

- No Special Notes Available for selected model.