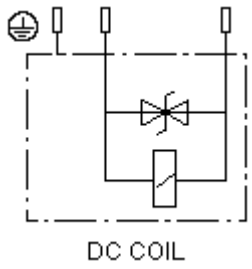
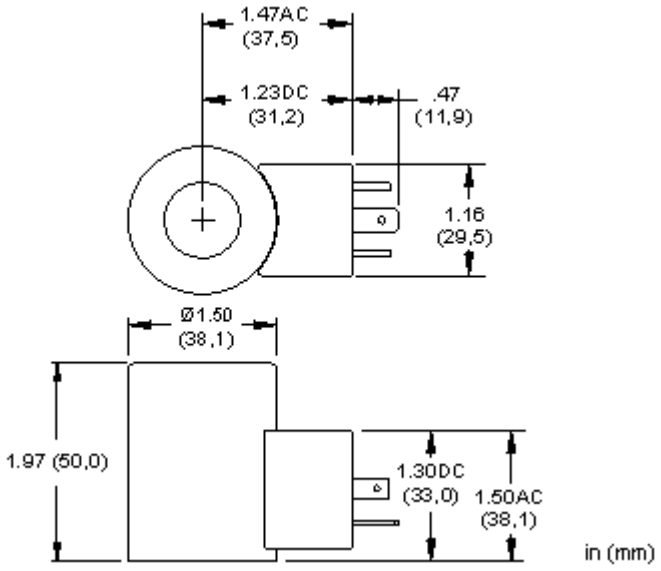
24 VDC coil with ISO/DIN 43650, Form A connector

Model:
770-224





Technical Features

- Coil windings utilize Class N, (392° F [200 °C] rated) magnet wire.
- Power cable with mating connector is required and is not included with product.
- The external steel shell is zinc plated with black dichromate.
- A TVS surge suppression diode is built into DC coils. Nominal breakdown voltage: 68V. Model code 1.5 KE68CA Steady state power dissipation @ 75°C is 6.5 W and peak pulse dissipation is 1500 W for 1 ms, nonrepetitive.
- For optimum proportional performance, an amplifier with current sensing and adjustable dither should be used. Dither should be adjustable between 100 - 250 Hz.
- 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)	
Operating Voltage Range	+/- 10% nominal	
Power Consumption (cold) - at rated voltage	22 watts	
Voltage/Frequency	24 VDC	
Connector Environment Rating	IP65	
Duty cycle Rating	100 %	
Connector	ISO/DIN 43650A, Form A	
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	590 mA	
Nominal Coil Resistance at 122ºF (50ºC) Stabilized	37.2 ±5% ohms	
Nominal Coil Resistance at 68ºF (20ºC) Cold	26.2 ±5% ohms	

770-224

What models can this kit be used on?

770-224-19	DLDA	DMDA	DNDA	DTCA	DWDA	HDDA	PRDP
770-724-99	DLDAS	DMDAS	DNDAS	DTCAS	FMDA	HDDAS	PSDL
DAAL	DLDAZ	DMDAZ	DNDC	DTCAZ	FMDB	PRDL	PSDP
DAALS	DLDX	DNCA	DNDY	DTDA	FPCC	PRDM	RBAN
DBAL	DLDXS	DNCAZ	DNDYS	DTDAS	FPCH	PRDN	RBAP
DBALS							