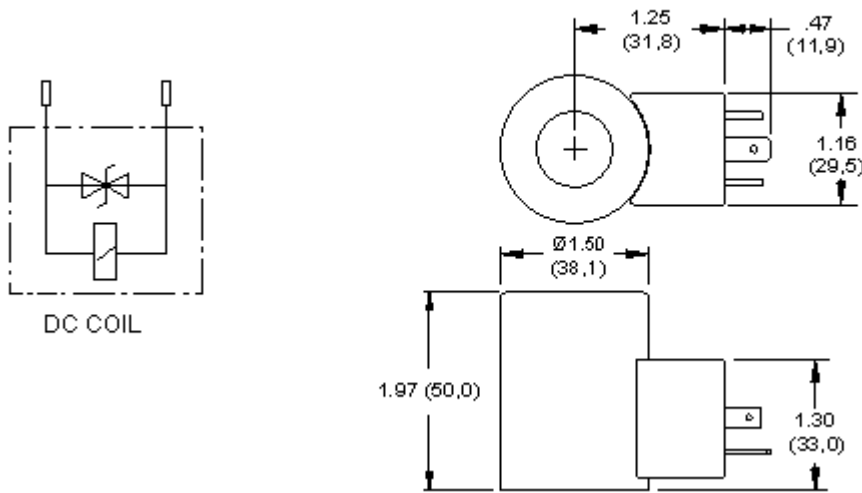
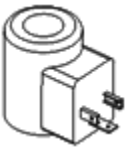


12 VDC coil with ISO/DIN 43650, Form A connector

Model:
770-212



in (mm)

Technical Features

- Coil windings utilize Class N, (392° F [200 °C] rated) magnet wire.
- 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.
- 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.
- This coil is CE compliant. It meets the requirements of the Low Voltage Directive (2006/95/EC) and EN 60204-1:2006.
- IP rating is dependent on the coil connector and the mating connector used.
- 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 68°F (20°C) Ambient | 218°F (105°C) | |
| Operating Voltage Range | +/- 10% nominal | |

| | | |
|---|------------------------|----------|
| Power Consumption (cold) - at rated voltage | 22 watts | |
| Voltage/Frequency | 12 VDC | |
| Connector Environment Rating | IP65/IP67 | |
| 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 | 1150 mA | |
| Nominal Coil Resistance at 122°F (50°C) Stabilized | 9.4 ±8% ohms | |
| Nominal Coil Resistance at 68°F (20°C) Cold | 6.4 ±8% ohms | |

770-212

U.S. Dollar

Recommended List Price
Shipping and Discount Terms

What models can this kit be used on? ([Click Here](#))

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

Related Information

Environmental Test Specification, S-367 in pdf format

Instructions/Notes

- No Special Notes Available for selected model.