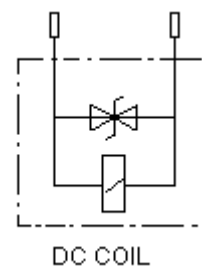




28 VDC weatherized coil with Metri-Pack, Series 150-2M connector

Model:
773-828

This weatherized coil is designed for Sun's full flow switching and electro-proportional cartridges with anticipated exposure to system wash-down or marine environments. This coil is only available with the Metri-Pack Series 150-2M connector along with a choice of (4) voltages: 12 VDC, 14 VDC, 24 VDC and 28 VDC. The installation of this coil requires an additional weatherization kit and modification to Sun's cavity and is intended for new applications.



Technical Features

- 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.
- Weatherized coil diameter is 4 mm larger than standard 770 series coil.
- 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.
- Constructed of an external steel frame, encapsulated with Dupont 77G33L or engineering approved equivalent for weatherization.
- This weatherized coil is rated for IP69K and 1000 hours of salt spray.
- 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.
- RoHS compliant. Restricted materials less than 0.1% total by weight.
- An additional weatherization kit is required with this coil. Weatherization kits are cartridge model dependent. See Related Information below.

Technical Data

	U.S. Units	Metric Units
Arc Suppression	Standard	
For Cartridge Models	DAAL, DBAL, DLDA, DMDA, DNDA, DNDC, DTCA, DWDA	
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	28 VDC	
Connector Environment Rating	IP69K	
Duty cycle Rating	100 %	
Connector	Metripack Series 150-2M	
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.

Related Information

Kit Part No.	Description	For Cartridge Models
991-055	Weatherization Kit for T-11A Cavity	DMDA, DWDA, PRDL, PRDP, FMDA, FMDB
991-056	Weatherization Kit for T-13A and T-31A Cavities	DLDA, DTCA, DTDA (T-13A) and DNDA, DNCA (T-31A)
991-057	Weatherization Kit for T-31A Cavity (3-pos, 4-way)	DNDC
991-058	Weatherization Kit for T-8A and T-9A Cavities	RBAP, DAAL, DBAL
991-059	Weatherization Kit for T-8A Cavity	RBAN
991-060	Weatherization Kit for T-11A Cavity	PRDM, PRDN

773-828