

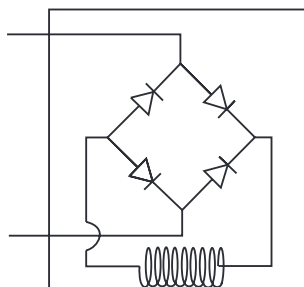
Features

- **Integral Deutsch connector coil exceeds IP69K standards**
- Integral Deutsch connector coil thermal shock dunk test rated
- Universal 50/60 Hz operation
- Waterproof coil hermetically sealed, requires no O-rings or waterproofing kits
- External plated steel flux-carrying band (unlike encapsulated band) enables coil to withstand severe thermal shocks without cracking
- Symmetrical coil can be reversed without affecting performance

Specifications

Coil Type	S Standard P Puissant
Nominal Wattage (See Ordering Information For Exact Wattage)	S 14 Watts P 19 Watts
Duty Cycle	Continuous @ 100% voltage
Magnetic Wire Insulation Class	'N' Rated at 200°C (392°F)
Temperature Range	-40°C to +200°C (-40°F to +392°F)
Temperature Rise At Nominal Voltage And Natural Ventilation	S 75°C (135°F) P 95°C (172°F)
Dielectric Strength Maximum Current Leakage (Amps)	.0005 In dry lab condition at 1000V AC for 30 seconds .001 After being immersed in 23°C (77°F) water with waterproof connector for 24 hours at 500V AC
Encapsulating Material	Glass filled rynite
Color Identification On The Terminal Boss	S Black Ring P Red Ring
Weight	0.20 kg (0.44 lbs.)

AC Coil Assembly



Ordering Information

CC			
Super Coil 1/2" I.D.	Wattage	Voltage	Termination

Code	Wattage
S	Standard
P	Puissant

Code	Voltage	Watts		Amps		Ohms**	
		S	P	S	P	S	P
012*	12 VDC	14	19	1.15	1.58	10.43	7.58
024*	24 VDC	14	19	0.58	0.79	41.74	30.30
115*	115 VAC	16	19	0.17	0.20	680	576

*Standard Voltages

**Resistance $\pm 10\%$ at 68°F

Code	Termination
*C	Double Lead Wire with Conduit Connector (AC Only)
*D	DIN 43650 (AC or DC, Supplied without DIN Connector)
*H	Integral Deutsch
*HSN	Integral Deutsch with Anti-vibration ring
*HSZN	Integral Deutsch with Anti-vibration ring and Zener Diode
*L	Double Lead (DC Only)
*S	Double Spade (DC Only)

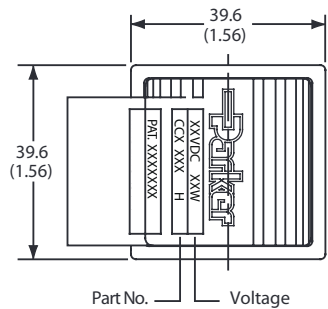
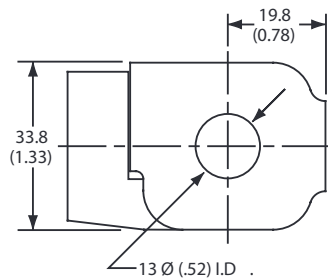
*UL listed 12/24 VDC only.

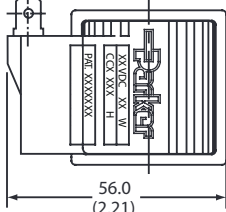
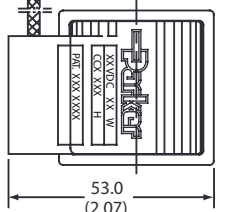
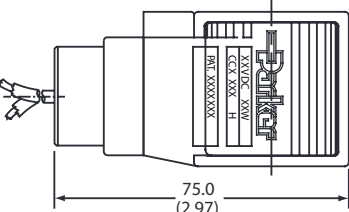
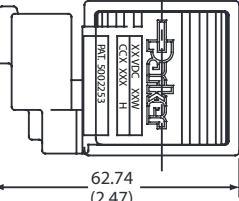
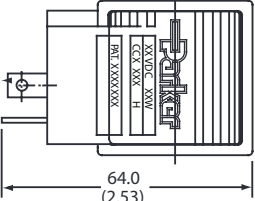
Note: Additional voltages and other terminals are available. Some coils are UL approved. For details please consult factory.

DIN Female Mating Connector: See page CE2

Deutsch Mating Connector: # DT06-2S

Terminal Styles and Dimensions



S - Double Spade  56.0 (2.21)	L - Double Lead 18 gauge 457mm 18" long black color  53.0 (2.07)
C - Double Lead Conduit (1/2" NPTF) 18 gauge 457mm 18" long, black color  75.0 (2.97)	HSN - Integral Deutsch with Anti-Vibration Ring HSZN - Integral Deutsch with Anti-Vibration Ring and Zenner Diode H - Integral Deutsch DT04 - 2P - EP04 (+ and - metered)  62.74 (2.47) D - DIN 43650 (ground wire on AC only)  64.0 (2.53)

- NOTES:**
1. The standard A.C. coil includes a molded-in full wave rectifier rated for 800 peak reverse voltage.
 2. All P Puissant (high wattage) coils use a red ring as an indication marker on the terminal boss.

