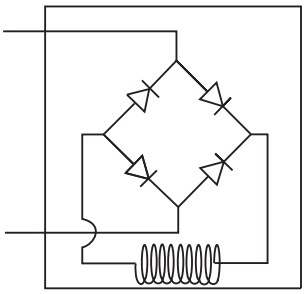
Features

- **Integral Deutsch connector coil exceeds IP69K standards**
- Integral Deutsch connector coil thermal shock dunk test rated
- Integral Amp Jr. coil exceeds IP67 standards for thermal shock, water resistance and “dunk capability”
- 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**	
	Volts	S	P	S	P	S	P
010	10 VDC	14	19	1.38	1.90	7.25	5.26
012*	12 VDC	14	19	1.15	1.58	10.43	7.58
018	18 VDC	14	19	0.77	1.06	23.48	17.05
024*	24 VDC	14	19	0.58	0.79	41.74	30.30
048	48 VDC	14	19	0.29	0.40	167.0	121.3
115*	115 VAC	16	19	0.17	0.20	680	576
230	230 VAC	17	22	0.09	0.12	2596	1919

**Standard Voltages* ***Resistance ±10% at 68°F*

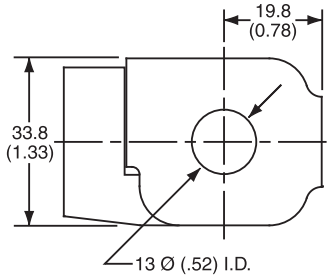
Code	Termination
A	Amp Jr. (DC Only)
AD	Amp Jr. with 3 Amp Diode (DC Only)
C	Double Lead Wire with Conduit Connector (AC Only)
*D	DIN 43650 (AC or DC, Supplied without DIN Connector)
H	Integral Deutsch
HE	Integral Deutsch with 3 Amp Diode
*L	Double Lead (DC Only)
LS	Sealed Lead Wire IP69K Rated (Available January 1, 2011)
LD	Double Lead with Deutsch Connector DT04-2P-EP04 (DC Only) (Use ‘H’ series if possible)
LE	Double Lead with 3 Amp Diode (DC Only)
PF	Double Lead Wire with Packard Female Weather Pack Connector 1201 5792 (DC Only)
PM	Double Lead Wire with Packard Male Weather Pack Connector 1201 0973 (DC Only)
*S	Double Spade (DC Only)
*W	Double Screw (DC only)
WE	Double Screw with 3 Amp Diode (DC Only)
*Y	Single Screw (Internally Grounded, DC Only)

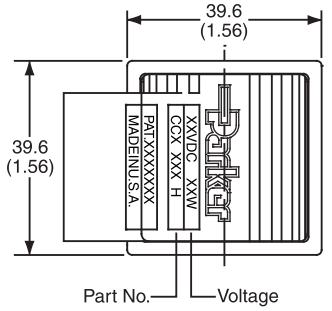
UL listed 12/24/48 VDC only.

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

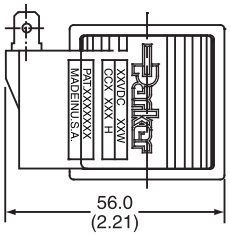
DIN Female Mating Connector: See page CE2
Deutsch Mating Connector: # DT06-2S
Packard Male Weather Pack Connector: 12010973
Packard Female Weather Pack Connector: 12015792

Terminal Styles and Dimensions

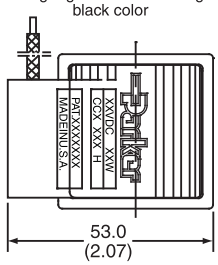




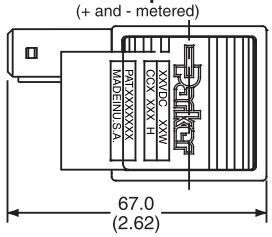
S - Double Spade



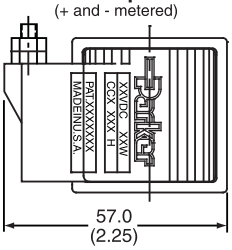
L - Double Lead
18 gauge 457mm *18"* long
black color



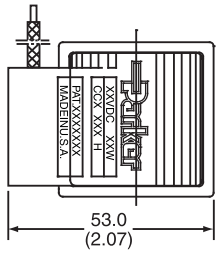
A - Amp Junior
AD - Amp Junior
with 3 Amp Diode
(+ and - metered)



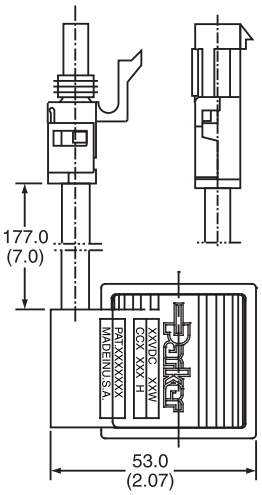
Y - Single Screw
(Internal ground)
8-32 UNC screw & nut
W - Double Screw
8-32 UNC screw & nut
WE - Double Screw
with 3 Amp Diode
(+ and - metered)



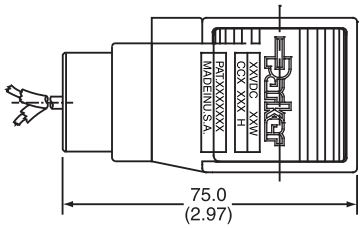
LE - Double Lead
with 3 Amp Diode
18 gauge 457mm (18") long
Red wire positive,
Black wire negative
Diode protection from
positive to negative



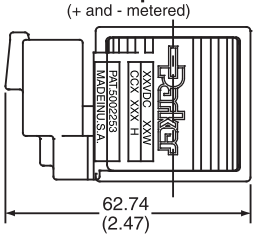
PF - Female Packard Connector
PM - Male Packard Connector



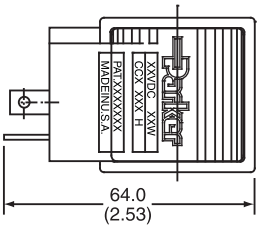
C - Double Lead
Conduit (1/2" NPTF)
18 gauge 457mm *18"* long, black color



H - Integral Deutsch
DT04 - 2P - EP04
HE - Integral Deutsch
with 3 Amp Diode
(+ and - metered)



D - DIN 43650
(ground wire on AC only)



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 indiction marker on the terminal boss.

718164 - Wire connector assembly with 36" leads for Super Coils with Integral Deutsch connectors.

