

## 2.2 Coils for DIN plug connection:

### 2.2.1 32 mm Coils

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These coils can be mounted with the majority of the Lucifer solenoid valves. This is an encapsulated assembly comprising a coil, integral magnetic iron path and snap-on plug connection. The synthetic material encapsulation provides an effective compact housing, offering full protection against dust, oil, water, etc. Ease of mounting in confined space - offers shock and corrosion protection - simplifies conversion of existing equipment to other requirements, etc.



This coil conforms to the IEC/CENELEC safety standards and complies with European low-voltage directive 73/23/EC.

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Specification		Standard	Double frequency	Reduced power	High temperature	High temp. + High power	
Ref. (without plug)		481865 or <b>DZ02</b>	483510 or <b>DZ06</b>	482730 or <b>DZ90</b>	492453 or <b>DZ04</b>	492425 or <b>DZ08</b>	
Ref. (with plug)		482725 or <b>DZ03</b>	482635 or <b>DZ07</b>	482735 or <b>DZ91</b>	492726 or <b>DZ05</b>	492727 or <b>DZ09</b>	
Degree of protection		IP65 according to IEC / EN 60529 standards (with plug connection)					
Class of insulation		F 155°C	F 155°C	F 155°C	H 180°C	H 180°C	
Electrical connection		The coil is connected with a 2 P + E plug according to DIN 43650 type A					
Ambient temperature		-40°C to +50°C	-40°C to +50°C	-40°C to +50°C	-40°C to +80°C	-40°C to +80°C	
		The application is limited also by the temperature range of the valve					
Elect. Power	DC	Pn (hot)	9 W	-	7 W	9 W	14 W
		P (cold) 20°C	12 W	-	9 W	12 W	21 W
	AC	Pn (holding)	8 W	9 W	6 W	8 W	14 W
		Attraction cold	26 VA (9 W)	32 VA (10 W)	20 VA (7 W)	26 VA (9 W)	55 VA (18 W)

**Voltage tolerances:** -10% to +10% of the nominal voltage

**Duty:** Continuous duty coil (ED 100%)

**Voltages:** see voltage code table

**Weight:** 130 g (without plug)

