

Parker Lucifer® coils are available in many different voltages.
Choose the one you need by putting the voltage code at the end of your ordering number.

3 Choose the coil and voltage code.

Coil Ref.

481865

Voltage Code

VAC/Hz	Code
24/50	A2
48/50	A4
110/50	A5
220-230/50	3D

Valve and coil order example:



121K3206 - 2995 - 481865A2

Valve Reference

Housing

Coil and Voltage Code

COILS

COIL GROUP
2.0/2.1 COILS FOR DIN PLUG CONNECTION

COILS 32 mm

These coils can be mounted with every Parker solenoid valves corresponding to the specified Coil Group. See column "Coil Group" within valve pages.

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.

Coils conform to the IEC/EN/IEC safety standards and complies with European low-voltage directive.

Specification	Standard	Double frequency																														
Ref. (without DIN plug) Ref. (with DIN plug)	481865 482725	483510 482635																														
Coil Group	2.0 / 2.1																															
Degree of protection	IP65 according to IEC / EN 60529 standards (with DIN plug).																															
Class of insulation	F 155°C																															
Electrical connection	The coil is connected with a 2 P + E plug according to EN 175301-803 type A																															
Ambient temperature	-40°C to +50°C The application is limited also by the temperature range of the valve.																															
Elect. Power	DC Pn (hot)	9 W																														
	P (cold) 25°C	12 W																														
	AC Pn (holding)	8 W																														
	Attraction cold	26 VA (9 W)																														
Weight	130 g (without plug)																															
Voltages "Un"	<table border="1" style="display: inline-table; border-collapse: collapse;"> <thead> <tr> <th>VAC/Hz</th> <th>Code</th> <th>VDC</th> <th>Code</th> <th>VAC/Hz</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>24/50</td> <td>A2</td> <td>12</td> <td>C1</td> <td>24/50, 24/60</td> <td>P0</td> </tr> <tr> <td>48/50</td> <td>A4</td> <td>24</td> <td>C2</td> <td>48/50, 48/60</td> <td>S4</td> </tr> <tr> <td>110/50</td> <td>A5</td> <td>48</td> <td>C4</td> <td>110-115/50, 120/60</td> <td>S5</td> </tr> <tr> <td>220-230/50</td> <td>3D</td> <td>110</td> <td>C5</td> <td>220-240/50, 240/60</td> <td>S6</td> </tr> </tbody> </table>	VAC/Hz	Code	VDC	Code	VAC/Hz	Code	24/50	A2	12	C1	24/50, 24/60	P0	48/50	A4	24	C2	48/50, 48/60	S4	110/50	A5	48	C4	110-115/50, 120/60	S5	220-230/50	3D	110	C5	220-240/50, 240/60	S6	
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To Order a Coil choose Coil Ref + Voltage Code, example: 481865 for 24 VDC = 481865C2
More voltage possibilities can be found in the table of voltage codes at the end of the coil section.

These coils must be used with suitable housings, see example below:

The coil assembly kit Ref. 2995 corresponds to the "housing" of Lucifer® valve numbering system (Valve - housing - coil/voltage). It is composed of a nameplate giving details of the valve type, a round washer and a nut to ensure the fixing between 32 mm coil and the valve.

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Parker Hannifin Corporation
 Fluid Control Division Europe
 General Catalogue FCDE/0110/UK/V2.0

IMPORTANT: Valve, Housing or Coil can be ordered separately for use as a replacement or spare part.