

COIL GROUP

**2.0/2.1**

**INCREASED SAFETY  
ELECTRICAL PARTS  
"eb"**



**483371 & 494040 - ELECTRICAL PARTS 50 mm**

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

**Application:** Control of solenoid valves in dangerous areas where explosion-proof protection Ex eb II T3 orT4 is required.

**Benefits:** Rotatable housing 360°, galvanized steel with internal and external screw terminals for earth connection.

Small size for ease of mounting in confined space.Simplifies conversion of existing equipment to hazardous area requirements.



**ZONE 1/21**

Reference	483371				494040					
Certificate	LCIE 02 ATEX 6011 X				LCIE 02 ATEX 6013 X					
Coil Group	2.0 / 2.1									
Type of protection	Gas	II 2 G - Ex eb IIC T4				II 2 G - Ex eb IIC T3 / T4				
	Dust	II 2 D - Ex tb IIC - T130°C				II 2 D - Ex tb IIC - T195°C / T130 °C				
Degree of protection	IP67									
Ambiant temperature	-40°C to +65°C				-40°C to +90°C / to +65°C					
	The application is limited also by the temperature range of the valve.									
Class of insulation	F 155°C				F (180°)					
Electrical connection	By special cable gland or M20 x 1,5 "Ex eb" on screw terminals for wires up to 1.5 mm². Cables with outside diameter 6.5 mm to 13.5 mm can be simply sealed using the rubber gland with resilient sealing rings supplied.									
Elect. Power	DC	Pn (hot)	8 W				8 W			
		P (cold) 20°C	9 W				9 W			
	AC	Pn (holding)	8 W				8 W			
		Attraction cold	32 VA (9 W)				32 VA (9 W)			
Weight	320 g									
Voltages "Un"	VAC/Hz	Code	VDC	Code	VAC/Hz	Code	VDC	Code		
-10% to +10% of the Un	24/50	A2	24	C2	220-230/50	3D	24	C2		
	48/50	A4	48	C4						
	110-115/50	0A	110	C5						
	220-230/50	3D								

To Order a Coil choose Coil Ref + Voltage Code, example: 483371 for 24VDC = **483371C2**

**Fuses:**

Both electrical parts have to be connected in series with a safety fuse according to IEC 60127-3.

**483371:**

DC: 24 V, 400 mA - 48V, 250 mA - 110 V, 100 mA  
AC 50HZ: 24 V, 630 mA - 48V, 315 mA - 110 V, 160 mA - 220/230 V, 80 mA

**494040:**

DC: 12 V, 400 mA - 24V, 200 mA - 48 V, 100 mA - 110V, 50 mA  
AC 50HZ: 24 V, 250 mA - 48V, 125 mA - 110/115 V, 63 mA - 220/230 V, 32 mA

