

**FLAME PROOF ENCAPSULATED
ELECTRICAL PARTS
"db mb"**



ZONE 1/21

495900 - LOW POWER ELECTRICAL PARTS 37 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 db mb IIC T4 to T6 is required.

Benefits: Rotatable 360° fibreglass-reinforced plastic housing (class H). Solenoid coil, rectifier (silicium diodes), fuses and varistor protection are completely encapsulated into the coil housing by epoxy resin for shock and corrosion protection.

The plastic housing is delivered with M20 x 1.5 cable gland certified for use "db" protection. Small size for ease of mounting in confined space.



Reference	495900			
Certificate	LCIE 03 ATEX 6451 X - IECEx LCI 06.0004 X			
Coil Group	6.0			
Type of protection	Gas	II 2 G - Ex db mb IIC T4 / T5 / T6	II 2 G - Ex db mb IIC T5 / T6	
	Dust	II 2 D Ex tb IIIC - 130°C / 95°C / 80°C	II 2 D Ex tb IIIC - 95°C / 80°C	
Degree of protection	IP67			
Ambient temperature	-40°C to +65°C / +55°C / +40°C		-40°C to +65°C / +55°C	
	The application is limited also by the temperature range of the valve.			
Class of insulation	H (180 °)			
Electrical connection	Electric connection is done in the connection box on an easily accessible connector terminals. The introduction of the cable (Ø min 5 mm, Ømax. 11 mm, section max. 2.5 mm²) in the connection box passes by the built in M20 x 1.5 cable gland			
Elect. Power	DC	Pn (hot)	-	2 W
		P (cold) 20°C	-	2.5 W
	AC	Pn (holding)	2.5 W	-
		Attraction cold	3 W	-
Voltages "Un"	VAC/Hz	Code	VDC	Code
-10% to +10% of Un for AC	24/50	A2	24	C2
- 10 % to + 10 % for Un DC.	48/50	A4	48	C4
	115/50	E5	110	C5
	230/50	F4		

To Order a Coil: Coil Ref + Voltage Code, example: 495900 for 24VDC = **495900C2**

