

EXPLOSION PROOF ELECTRICAL PARTS

COIL GROUP

10.1

INCREASED SAFETY AND ENCAPSULATED ELECTRICAL PARTS "eb"



ZONE 1/21

492310 - 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 mb II T4 to T5 is required.

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

Small size for ease of mounting in confined space.



Reference		492310			
Certificate		LCIE 02 ATEX 6023 X - IECEx LCI 06.0011 X			
Coil group		10.1			
Type of protection		Gas	II 2 G - Ex eb mb II T4 / T5		
		Dust	II 2 D - Ex tb IIIC - T130°C / T95°C		
Degree of protection		IP66			
Ambiant temperature		-40°C to +75°C / to +40°C The operating temperature of the valve/coil can be limited by that of the valve			
Class of insulation		F 155°C			
Electrical connection		Connection box with terminals and cable entry via gland M20 x 1.5 - Possibility for additional earth via external screw.			
Elect. Power	DC	Pn (hot)	6 W		
		P (cold) 20°C	7.5 W		
	AC	Pn (holding)	6 W		
		Attraction cold	7.5 W		
Weight		500 g			
Voltages "Un"		VAC/Hz	Code	VDC	Code
-10% to +10% of the Un		24/50-60	P0	24	C2
		48/50-60	S4	48	C4
		230/50-60	P9	110	C5

To Order a Coil choose Coil Ref + Voltage Code, example: 492310 for 24VDC = 492310C2

