COIL GROUP

9.0

## INCREASED SAFETY AND ENCAPSULATED ELECTRICAL PARTS "eb"



## 492210 - ELECTRICAL PARTS "BOOSTER" 50 mm

These coils 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 IIC T5/T6 is required.

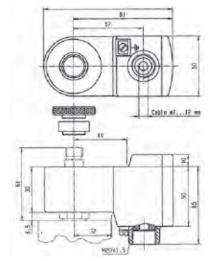
**Benefits:** Rotatable housing 360°, galvanized steel with internal and external screw terminals for earth connection.

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



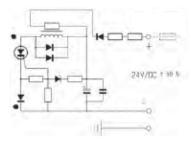
LCIE 02 ATEX 6023 X - IECEx LCI 06.0011 X       Coil group     9.0       Type of protection     Il 2 G - Ex eb mb IIC T5 / T6       Degree of protection     IP66       Ambient temperature     -40°C to +75°C / +40°C       The operating temperature of the valve/coil can be limited by that of the valve       Insulation Class     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       Power consumption DC     1 to 1.8 W according to length of cable       Attraction current     I min = 60 mA (I nominal = 75 mA)       Voltage DC     U nominal = 24 VDC (C2), Umin = 21.6 VDC       Resistance     23 Ω + (R = 270 Ω)       Inductance     0 mH       Capacitance     0 mH			
Coil group     9,0       Type of protection     Gas     II 2 G - Ex eb mb IIIC T5 / T6       Degree of protection     II 2 D - Ex th IIIC - T95°C / T80°C       Ambient temperature     1P66       Ambient temperature     -40°C to +75°C / +40°C       The operating temperature of the valve/coil can be limited by that of the valve       Insulation Class     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       Power consumption DC     1 to 1.8 W according to length of cable       Attraction current     I min = 60 mA (I nominal = 75 mA)       Voltage DC     U nominal = 24 VDC (C2), Umin = 21.6 VDC       Resistance     23 Ω + (R = 270 Ω)       Inductance     0 mH       Capacitance     0 μF       Response time     2 - 4 s	Reference		492210
Type of protection Type of protection  Degree of protection  Ambient temperature Insulation Class  Electrical connection  Power consumption DC  Attraction current Voltage DC  Resistance  Capacitance  Capacitance  Capacitance  Response time  In 12 G - Ex eb mb III C T5 / T6 II 2 D - Ex th III C - T95°C / T80°C II 2 D - Ex th III C - T95°C / +40°C The operating temperature of the valve/coil can be limited by that of the valve Insulation Class  F 155°C  Connection box with terminals and cable entry via gland M20 x 1.5 Possibility for additional earth via external screw  Power consumption DC  I to 1.8 W according to length of cable I min = 60 mA (I nominal = 75 mA) Voltage DC  U nominal = 24 VDC (C2), Umin = 21.6 VDC  Resistance  0 mH  Capacitance  0 μF  Response time	Certificate		LCIE 02 ATEX 6023 X - IECEx LCI 06.0011 X
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Electrical connection       Connection box with terminals and cable entry via gland M20 x 1.5 Possibility for additional earth via external screw         Power consumption DC       1 to 1.8 W according to length of cable         Attraction current       I min = 60 mA (I nominal = 75 mA)         Voltage DC       U nominal = 24 VDC (C2), Umin = 21.6 VDC         Resistance $23 \Omega + (R = 270 \Omega)$ Inductance       0 mH         Capacitance       0 $\mu$ F         Response time       2 - 4 s	Ambient temperature		
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Inductance         0 mH           Capacitance         0 μF           Response time         2 - 4 s	Voltage DC		U nominal = 24 VDC (C2), Umin = 21.6 VDC
Capacitance         0 μF           Response time         2 - 4 s	Resistance		$23 \Omega + (R = 270 \Omega)$
Response time 2 - 4 s	Inductance		0 mH
·	Capacitance		0 μF
Weight 500 g	Response time		2-4s
	Weight		500 g

To Order a Coil choose Coil Ref + Voltage Code, example: 492210 for 24VDC = 492210C2



## Indications:

Booster for Offshore valves



These electrical parts need an external fuse of I = 100 mA