

# COILS

## COIL GROUP

# 20.1

## COILS FOR DIN PLUG CONNECTION



### ZB COIL SERIES

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

Coil manufactured with H class copper wire, moulded in thermoplastic material polyester with 30% glass fiber.

IP65 protection rate with EN 175301-803:2006-A. Three pin connector.

This coil conforms to the IEC/CENELEC safety standards and complies with European low-voltage directive.

For UL recognized version: UL file MH19410.

DIN plug connector to be ordered separately (see coil accessories section).



Specification		Standard			UL recognized version		
Reference (without DIN plug)		ZB09/ZB12			ZB09 for AC only		
Coil Group		20.1					
Degree of protection		IP65 according to IEC / EN 60529 standards (with DIN plug and gasket)					
Class of insulation		F 155°C					
Electrical connection		The coil is connected with a 2 P + E plug according to EN 175301-803 - A					
Ambient temperature		-10°C to +50°C The application is limited also by the temperature range of the valve.					
Elect. Power	DC	P (cold) 20°C	12 W				
	AC	P (cold) 20°C	9 W				
		Attraction cold	25 VA				
Weight		130 g					
Voltages "Un"		VAC/Hz	Order Number	VDC	Order Number	VAC/Hz	Order Number
-10% to +10% of Un for AC - 5 % to + 10 % for Un DC.		ZB09 24/50-60	304004	ZB12 12DC	304018	ZB09 24/60	304048
		ZB09 12/50-60	304002	ZB12 24DC	304020	ZB09 110-120/60	304011
		ZB09 230/50-60	304012	ZB12 110DC	304022	ZB09 208-240/60	304051
		ZB09 115/50-60	304010	ZB12 48VDC	304021		
		ZB09 100/50-60	304009				
		ZB09 240/50-60	304014				
		ZB09 48/50-60	304008				
		ZB09 110-120/60	304011				
		ZB09 380/50-60	304016				

**To Order a Coil:** Use 6 digits ordering number - Code Example: ZB09 24/50-60 = 304004

More voltage possibilities can be found in the table of voltage codes at the end of the coil section.

