

Valve	External supply nominal voltage (1) (2)		Type of connector	Power consumption (4)	Code of spare coil (8)	Colour of coil label
DKI and DKU	DIRECT CURRENT	6 DC	SP-666 or SP-667	52 W	SP-CAU-6DC / 80 SP-CAU-12DC / 80 SP-CAU-24DC / 80 SP-CAU-48DC / 80	brown green red silver
		12 DC 24 DC				
	ALTERNATE CURRENT	110/50 AC 120/60 AC	E-SA	105 VA (6) 95 VA (6)	SP-CAU-24DC / 80	red
		230/50 AC 230/60 AC		105 VA (6) 95 VA (6)		
		110/50 AC 120/60 AC	SP-669	58 VA 53 VA	SP-CAU-110RC / 80	gold
		230/50 AC 230/60 AC		58 VA 53 VA		
DKI	ALTERNATE CURRENT	110/50 AC (3) 120/60 AC 230/50 AC (3) 230/60 AC	SP-666 or SP-667	110 VA (7)	SP-CAI-110/50/60AC / 80 SP-CAI-120/60AC / 80 SP-CAI-230/50/60 AC / 80 SP-CAI-230/60AC / 80	yellow white light blue silver
DKOR	DIRECT CURRENT	12 DC 24 DC	SP-666 or SP-667	40 W	-	-
		110 DC 220 DC		46 W	-	-
	ALTERNATE CURRENT	110/50 AC	SP-669	46 VA	-	-
		120/60 AC		42 VA	-	-
230/50 AC	46 VA	-		-		
230/60 AC	42 VA	-		-		

- (1) Tolerance on the nominal voltage is $\pm 10\%$.
- (2) Other supply voltages are available on request: 28DC, 110DC, 125DC, 220DC, 48/50/60 AC.
- (3) Coil can be supplied also with 60 Hz of voltage frequency: in this case the performances are reduced by $10\div 15\%$ and the power consumption is 55 VA.
- (4) Average values based on tests performed at nominal hydraulic condition and ambient/coil temperature of 20°C .
- (5) In a cycle, where solenoid is energized/deenergized in 1 second (1 Hz), the average power consumption is 13 W; for longer cycles, the power consumption is lower.
When solenoid is energized the inrush current is 9 A at 12 V_{DC} and 6 A at 24 V_{DC} corresponding to power consumption peak of 130 W. These current peaks persist for a period shorter than 100 msec and they must be considered when electric circuit is designed.
- (6) When solenoid is energized the inrush current is 7 A at 110 V_{AC} and 3,5 A at 230 V_{AC}; the power consumption peak is 800 VA; these current peaks persist for a period shorter than 40 msec and they must be considered when electric circuit is designed.
- (7) When solenoid is energized, the inrush current is approx 3 times the holding current. Inrush current values correspond to a power consumption of about 350 VA.
- (8) Protection class H; Duty cycle: 100%. Connector protection degree: IP 65.