

Auszug aus:



Table E010-20/E

Solenoid directional valves type DHI

direct operated, ISO 4401 size 06

3.1 Coils characteristics

Insulation class	H (180°C) Due to the occurring surface temperatures of the solenoid coils, the European standards EN ISO 13732-1 and EN ISO 4413 must be taken into account
Protection degree DIN EN 60529	IP 65 (with connectors 666, 667, 669 or E-SD correctly assembled)
Relative duty factor	100%
Supply voltage and frequency	See electric feature 5
Supply voltage tolerance	± 10%
Certification	cURus

5 ELECTRIC FEATURES

External supply nominal voltage ± 10%	Voltage code	Type of connector	Power consumption (2)	Code of spare coil	Colour of coil label		
				DHI			
6 DC	6 DC	666 or 667	33 W	COU-6DC / 80	brown		
9 DC	9 DC			COU-9DC / 80	light blue		
12 DC	12 DC			COU-12DC / 80	green		
14 DC	14 DC			COU-14DC / 80	brown		
18 DC	18 DC			COU-18DC / 80	blue		
24 DC	24 DC			COU-24DC / 80	red		
28 DC	28 DC			COU-28DC / 80	silver		
48 DC	48 DC			COU-48DC / 80	silver		
110 DC	110 DC			COU-110DC / 80	black		
125 DC	125 DC			COU-125DC / 80	silver		
220 DC	220 DC			COU-220DC / 80	black		
24/50 AC	24/50/60 AC			669	60 VA (3)	COI-24/50/60AC / 80 (1)	pink
48/50 AC	48/50/60 AC					COI-48/50/60AC / 80 (1)	white
110/50 AC	110/50/60 AC					COI-110/50/60AC / 80 (1)	yellow
120/60 AC	120/60 AC	COI-120/60AC / 80	white				
230/50 AC	230/50/60 AC	COI-230/50/60AC / 80 (1)	light blue				
230/60 AC	230/60 AC			COI-230/60AC / 80	silver		
110/50 AC	110RC	669	33 W	COU-110RC / 80	gold		
120/60 AC							
230/50 AC	230RC			COU-230RC / 80	blue		
230/60 AC							

(1) Coil can be supplied also with 60 Hz of voltage frequency: in this case the performances are reduced by 10 ÷ 15% and the power consumption is 55 VA.

(2) Average values based on tests performed at nominal hydraulic condition and ambient/coil temperature of 20°C.

(3) When solenoid is energized, the inrush current is approx 3 times the holding current. Inrush current values correspond to a power consumption of about 150 VA.