

SC

Characteristics Standard cartridge for diverter valves



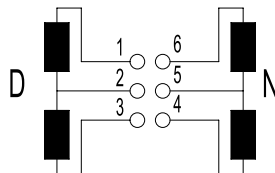
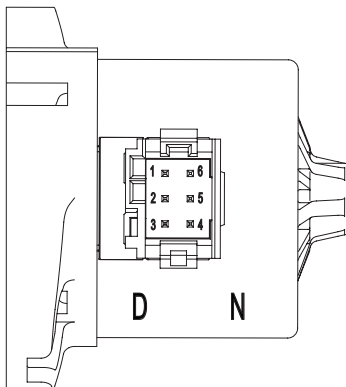
Standard Data

Flow resistance @ 1500l/h	65/110 mbar (influenced by customers valve body)
Housing material	PA6.6 GF30
Operating pressure	0.5...3.0 bar
Mounting position	any
Climatic class	wide-spread according to DIN IEC 60721-2-1
Ambient operation temperature	0...70 °C
Ambient temperature storage	-20...70 °C
Electrical connection	Tyco AMP MODU IV
Degree of protection	IP40

Technical Data

Pipe connection	clip
Switch-over time	2s (e.g. 10steps/50Hz, 243steps/300Hz, 50steps/50Hz)
Motor	unipolar stepper motor
Coil resistance	170 Ohm
Supply voltage	21,6..40V
Duty cycle	10% within 5 minutes

Circuit diagram



connector	step			
	I	II	III	IV
1	-	-		
2	+	+	+	+
3			-	-
4		-	-	
5	+	+	+	+
6	-			-

→ pull in (step I to IV, I to IV, etc.)
 ← push out (step IV to I, IV to I etc.)

Mating plug: AMP connector

- housing 0-1740209-6
- contact 2-167301-1



Flow curve

