

X. COMPACT ROTARY ACTUATOR WITH BRASS DIVERTER VALVE

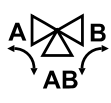
ROTODIVERT FC – EMV110 series 526/8910 – 3-way

2-POINT CONTROL 1 / 0 STOPPING AT THE END POSITIONS

Electric motor driven actuator EMV110 with installed 3-way brass valve operate as diverting or separating element in closed systems of remote (warm water), air blast or combined heating systems using either of the sources, remote or air blast heating.

Features:

- Special construction enables minimum valve leakage and maintenance-free operation
- Design for use in house applications and small industrial applications
- Actuator is simply and quickly assembled and disassembled from valve by means of “clip” system
- Simple electrical connection “MOLEX connector”
- Built-in relay module enables two wire control SPST



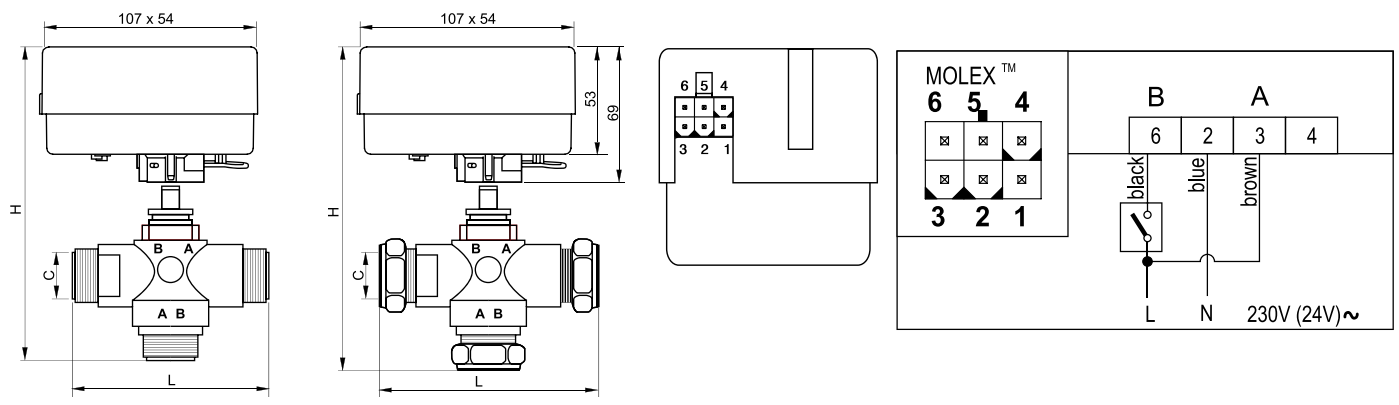
Actuator characteristics:

- Supply voltage: 230VAC/50Hz
- Power consumption: 7VA
- Protection class (in accordance with EN-60335-1): II
- Enclosure rating (in accordance with IEC60529): IP40
- In accordance with: EMC directive: 2004/108/EEC,
- LV Directive: 2006/95/EEC, PAH directive: 2005/69/EEC
- Ambient temperature: 0...55°C
- Humidity: RH 0%...80% (non condensed)
- Storage temperature: -10...+70°C
- Connection cord: molex 3x0.75mm², L=1m
- Position indication: on actuator cover
- Possibility of manual control: no
- Direction of rotation: not defined CW/CCW
- Built in relay module: yes
- Opening/closing time: 8s/60°

Valve characteristics:

- Connections: 3-port, compression connection
- Medium: water
- Medium temperature: +5°C...90°C
- Working pressure: max. 10bar
- Material:
 - Valve body: brass UNI EN 12165CW617N
 - Rotor axis: brass UNI EN 12165CW617N
 - O-rings: TPE, Polypropylene

ROTODIVERT FC



Code	Type	Voltage	C	H	L	Kvs	kg
*10567	EMV 110 526/8910-3	DN20 - 3/4", FFF (inner thread), 230VAC, 50Hz	3/4"FFF	128	93	7,5	0,83
*10569	EMV 110 526/8910-4	DN25 - 1", MMM (external thread), 230VAC, 50Hz	1"MMM	127	93	7,5	0,92
*10590	EMV 110 526/8910-compr 22mm	compression fittings 22mm, 230VAC, 50Hz	mm22	138	110	7,5	0,94
*10591	EMV 110 526/8910-compr 28mm	compression fittings 28mm, 230VAC, 50Hz	mm28	144	119	7,5	0,99

* Kvs=m³/h Δp=1bar