


MVN Rotary Valve Actuators

3-Nm Rotary Valve Actuators

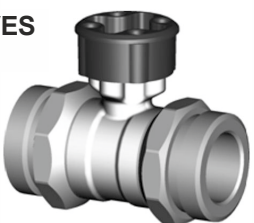
MOUNTING INSTRUCTIONS

1

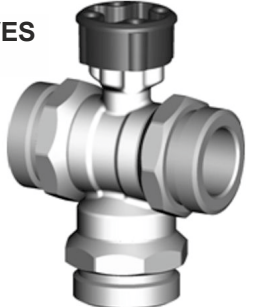
MVN613A, MVN643A, MVN663A, MVN713A




VBG 2-WAY VALVES
DN15-32

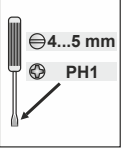


VBG 3-WAY VALVES
DN15-32

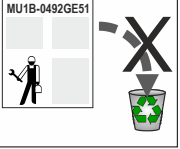


2

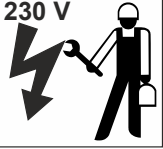




4...5 mm
PH1




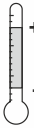
MU1B-0492GE51



230 V

LVD 2014/35/EU
EMC 2014/30/EU
RoHS 2002/95/EEC

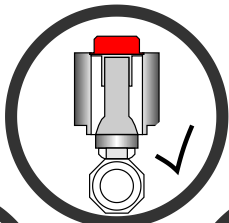




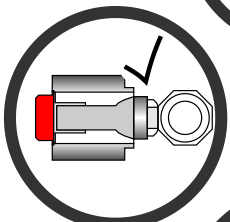
+55 °C
-20 °C

**AMBIENT
TEMPERATURE
RANGE**

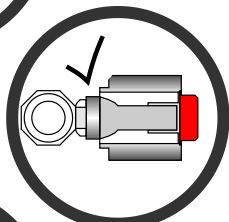
3



✓

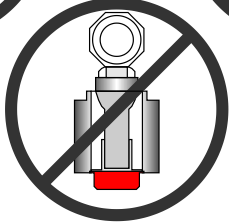


✓




✓

IP40




✗

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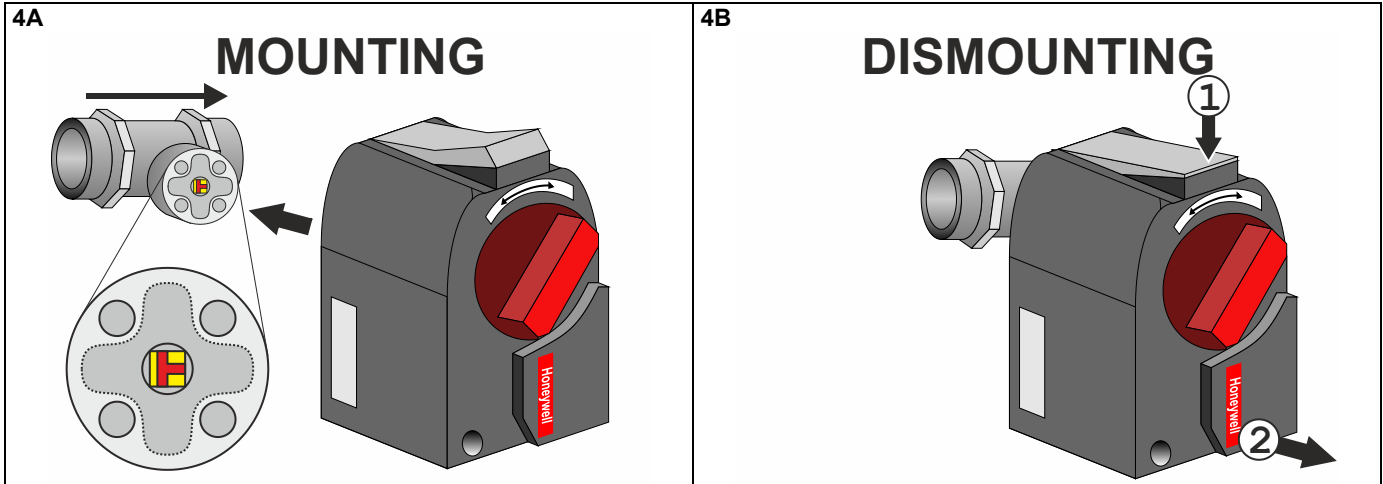


MU1B-0492GE51 R0417D

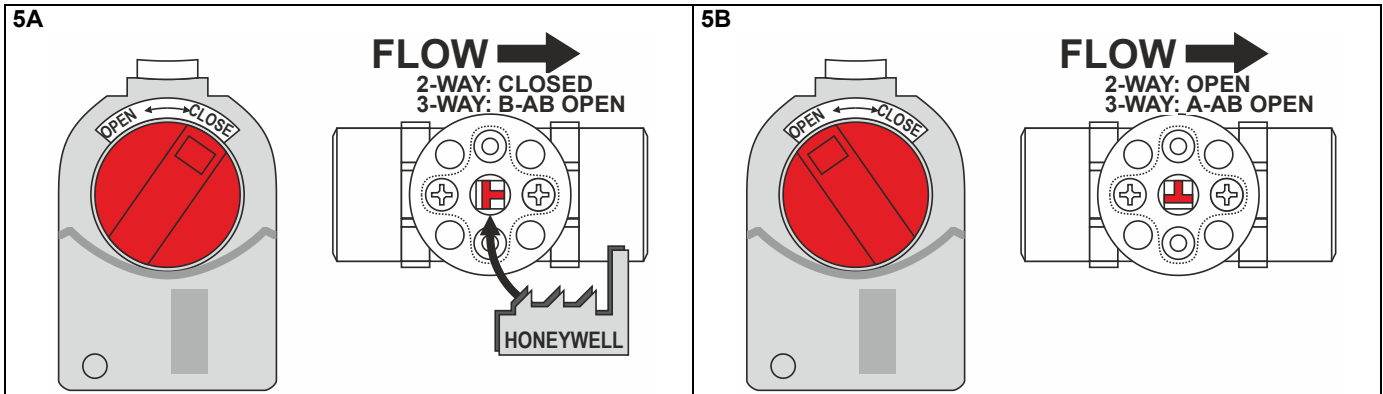


38-00018-05

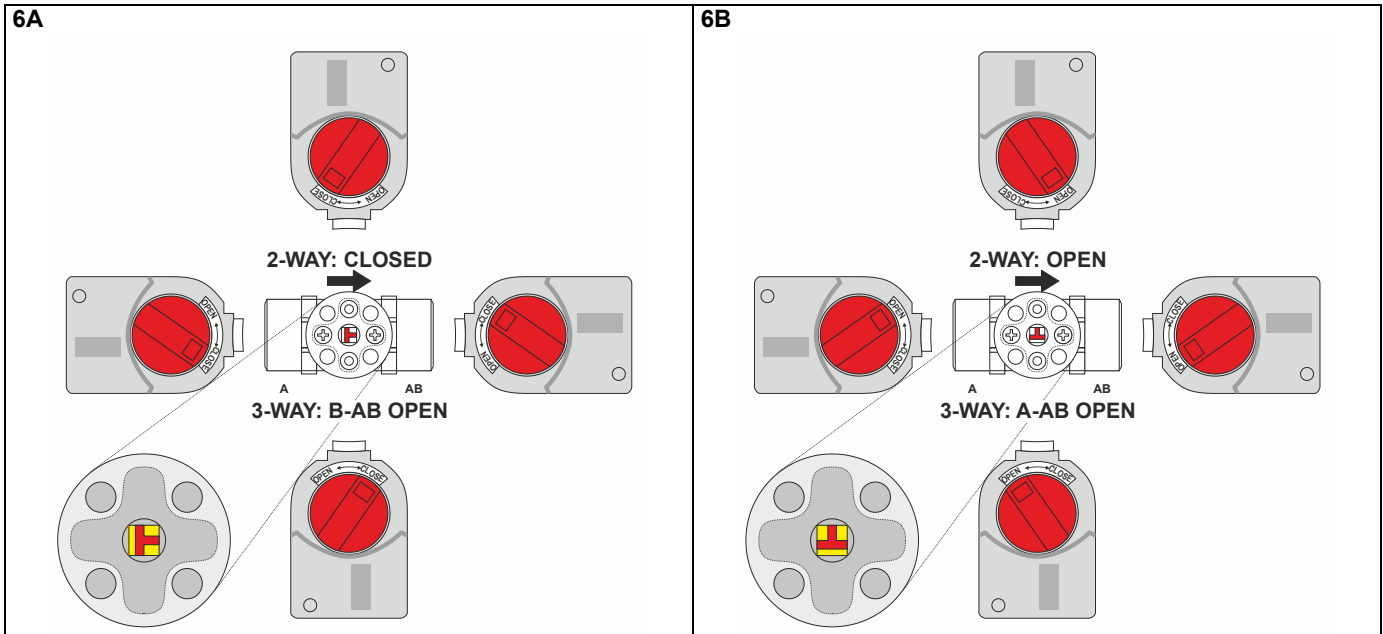
MOUNTING TO / DISMOUNTING FROM 2-WAY AND 3-WAY VALVES



ORIENTATION OF BALL IN VALVE



MOUNTING POSITIONS OF ACTUATOR

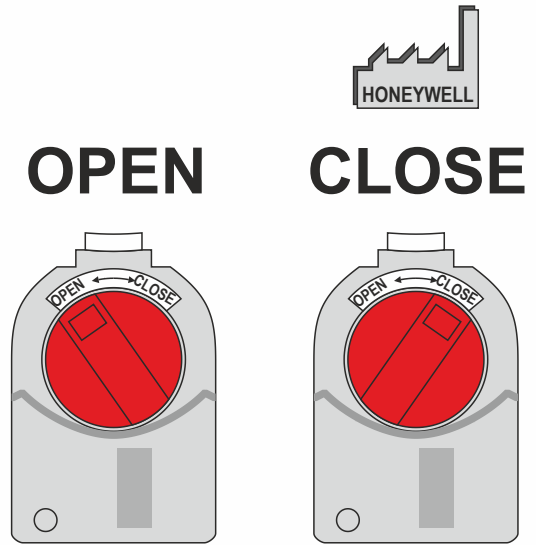


MANUAL OPERATION

7A



7B



WIRING

8A: OPENING COVER

MVN663A

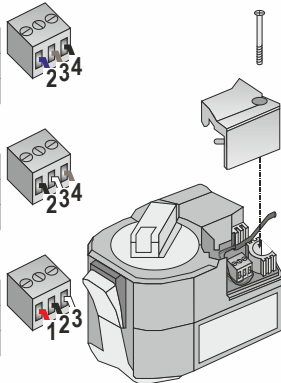
NEUTRAL	N	2	BLUE
230 VAC, CCW	L	3	BROWN
230 VAC, CW	L	4	BLACK

MVN613A / MVN643A

COMMON	⊥	2	BLACK
24 VAC, CCW	~	3	WHITE
24 VAC, CW	~	4	BROWN

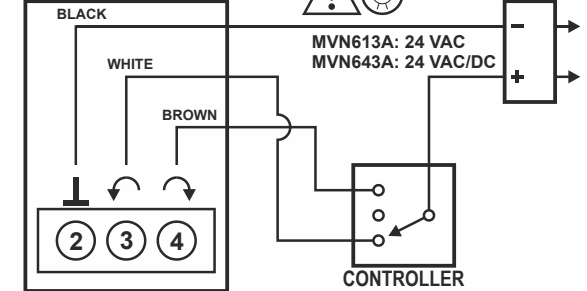
MVN713A

24 V	~/+	1	RED
COMMON	⊥/-	2	BLACK
0(2) ... 10 V	Y↔	3	WHITE



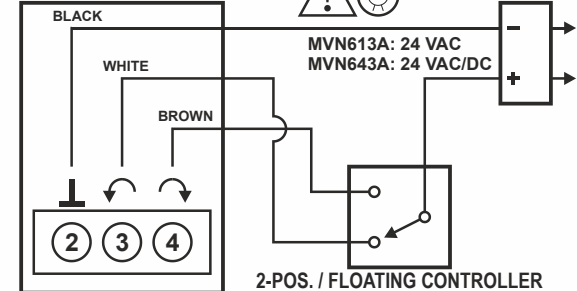
8B: MVN613A / MVN643A

FLOATING ACTUATOR



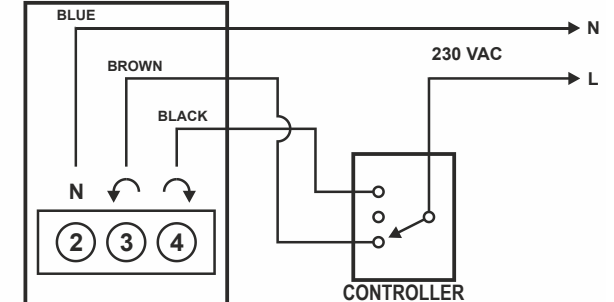
8C: MVN613A / MVN643A

FLOATING ACTUATOR

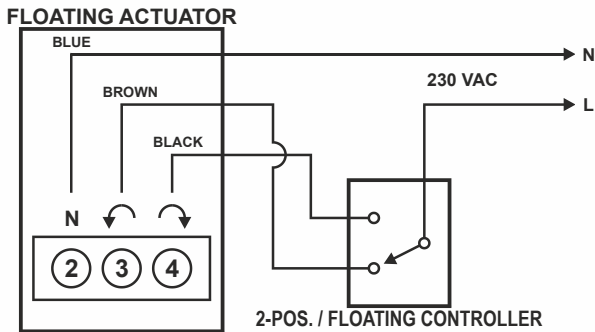


8D: MVN663A

FLOATING ACTUATOR

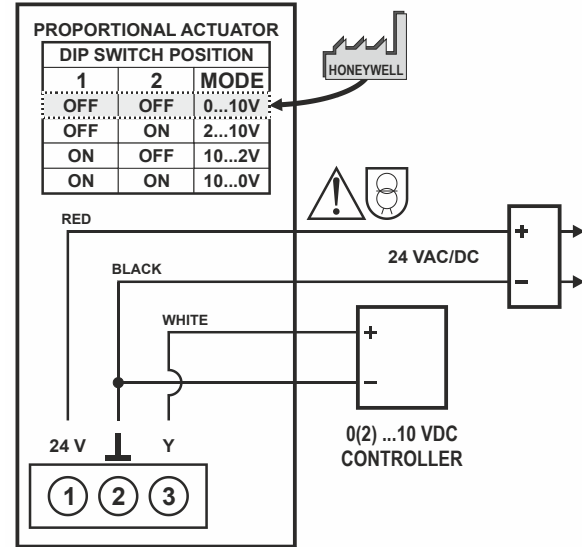


8E: MVN663A



8F: MVN713A

PROPORTIONAL/MODULATING:
0(2)...10 VDC OR 10...(0(2) VDC CONTROLLER OUTPUT



POWER SUPPLY. PROVIDE MEANS FOR DISCONNECTING AND FOR OVERLOAD PROTECTION, AS REQUIRED.

APPROVALS, CERTIFICATIONS

Conforms to the following requirements per European Consortium (EC) standards: EN 60730-1:2000 as amended

Information as per EN 60730

Environmental conditions	For use in home (residential, commercial, and light-industrial) environments
Pollution degree	
MVN663A	2
MVN613A, MVN643A, MVN713A	3
Protection class	
MVN663A	Class II
MVN613A, MVN643A, MVN713A	Class III
Rated impulse voltage	2.5 kV
Mode of operation	Type 1

DISPOSAL

WEEE: Waste Electrical and Electronic Equipment Directive	
	<ul style="list-style-type: none"> At the end of the product life, dispose of the packaging and product in an appropriate recycling center. Do not dispose of the device with the usual domestic refuse. Do not burn the device.



Manufactured for and on behalf of the Environmental & Energy Solutions Division of Honeywell Technologies Sàrl, Rolle, Z.A. La Pièce 16, Switzerland by its Authorized Representative:

Home and Building Technologies

Honeywell GmbH
Böblinger Strasse 17
71101 Schönaich, Germany
Phone +49 (0) 7031 637 01
Fax +49 (0) 7031 637 740
<http://ecc.emea.honeywell.com>

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