



SERIES ARD100/ARD200

ESBE®
NO.1 IN HYDRONIC SYSTEM CONTROL

Mtrl.nr: 9814 09 41 • Rlttr.nr 8456 vers. A • Rev 1512



Series ARD100
Series ARD200

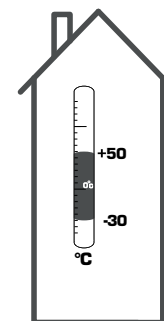
CE
LVD 2006/95/EC valid until April 19th 2016
LVD 2014/35/EU valid from April 20th 2016
EMC 2004/108/EC valid until April 19th 2016
EMC 2014/30/EU valid from April 20th 2016
RoHS 2011/65/EU



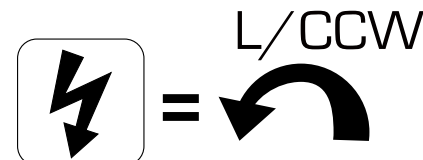
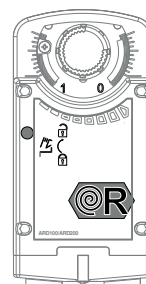
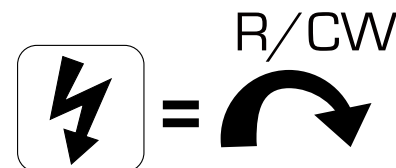
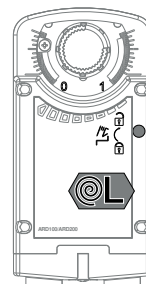
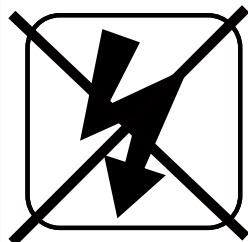
Series ARD100



Series ARD200



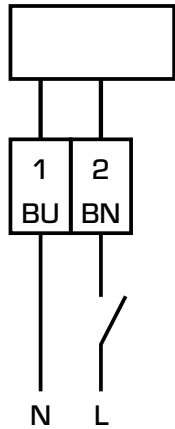
**ARD100/
ARD200
Valve
Assembly**
**ARD100/
ARD200
Damper
Assembly**



ARD155/ARD157/ ARD255/ARD257

**E
2A**

2-point

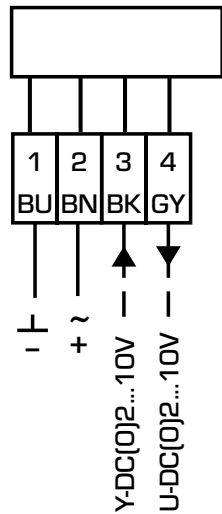


ARD155/ARD255 = 85...265V AC/DC

ARD157/ARD257 = 19...29V AC/DC

ARD169/ARD269

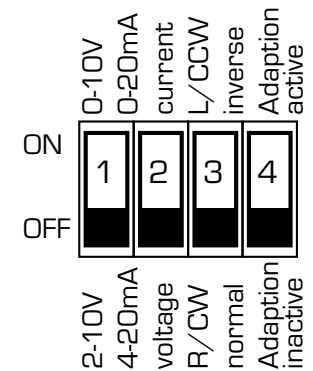
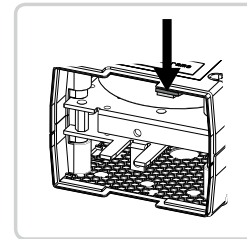
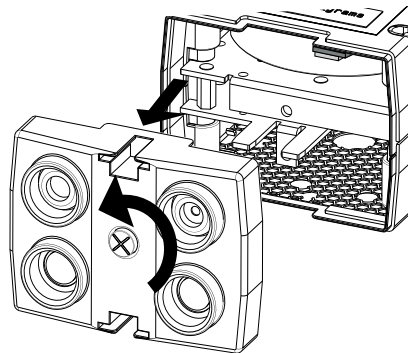
**E
2B**



AC 19...29 V
DC 19...29 V

Y-DC(0)2...10V
U-DC(0)2...10V

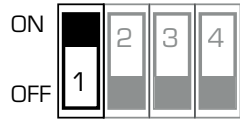
i



R/CW=Clockwise working direction
L/CCW=Counter clockwise working direction

ARD169/ARD269

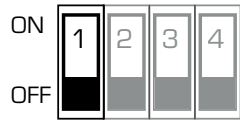
**E
3a**



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Y=0 - 10 V DC/0-20mA

U = 0-10 V DC



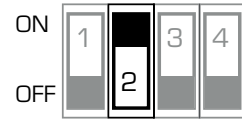
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Y = 2 - 10 V DC/4-20mA

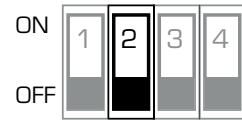
U = 2 -10 V DC

**E
3b**



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Current (mA)

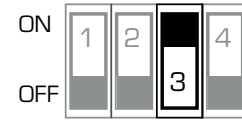


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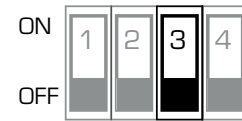
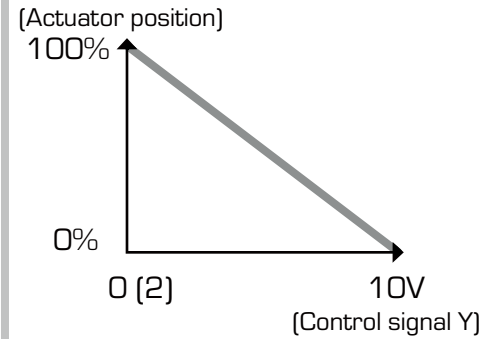


Voltage (V DC)

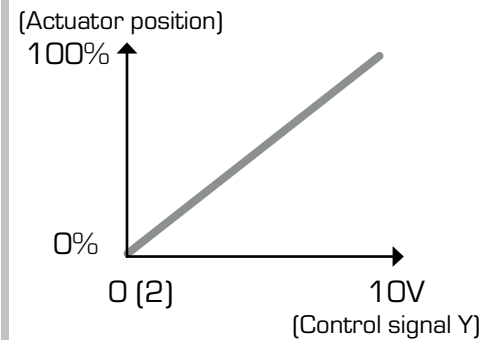
**E
3c**



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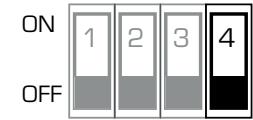


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**E
3d**

Adaption working range



1 < 90°

2

3 **V 9B** / **D 1B** + **V 9C** / **D 1C**

4

5 ON

6

7 OFF

