



**SERIES ARD100/ARD200**

**ESBE®**  
**NO.1 IN HYDRONIC SYSTEM CONTROL**

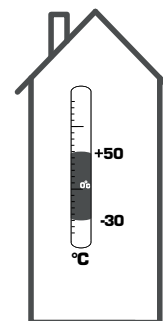
Mtrl.nr: 9814 09 41 • Ritn.nr 8456 vers. A • Rev 1512



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

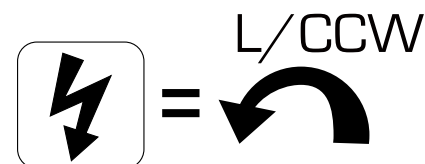
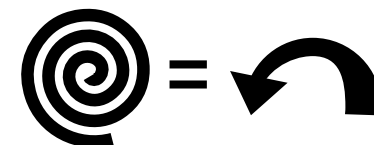
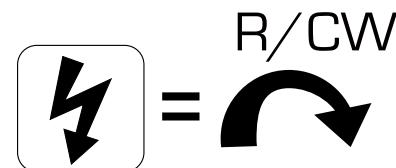
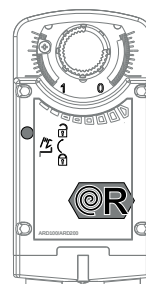
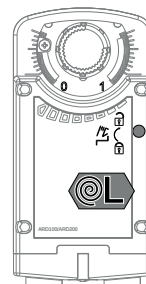
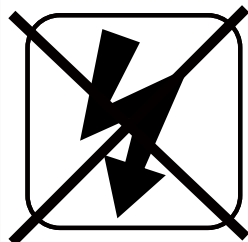


Series ARD200



**ARD100/  
ARD200  
Valve  
Assembly**

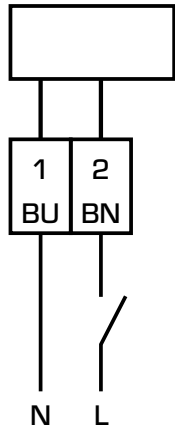
**ARD100/  
ARD200  
Damper  
Assembly**



## ARD155/ARD157/ ARD255/ARD257

**E  
2A**

2-point

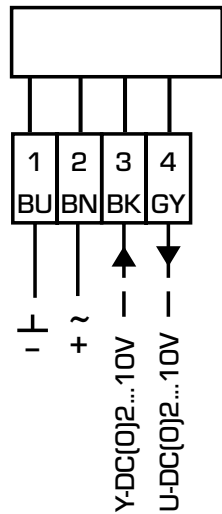


ARD155/ARD255 = 85...265V AC/DC

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

## ARD169/ARD269

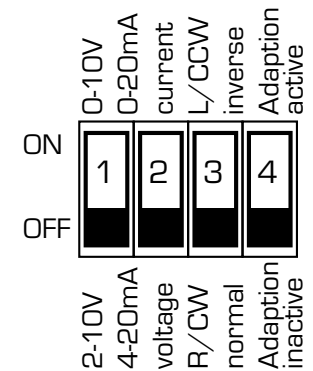
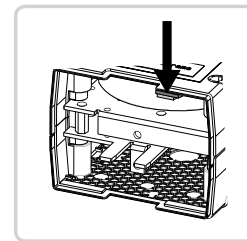
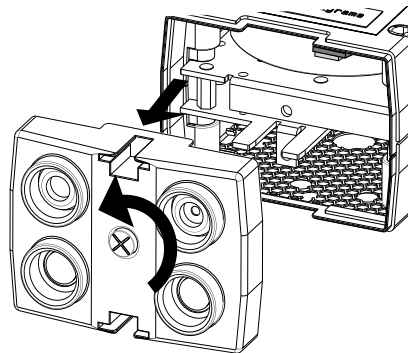
**E  
2B**



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

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

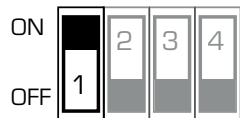
**i**



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

# ARD169/ARD269

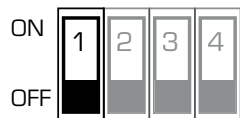
**E  
3a**



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

U = 0-10 V DC



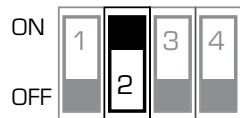
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Y = 2 - 10 V DC/4-20mA

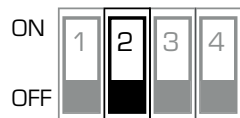
U = 2 -10 V DC

**E  
3b**



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Current (mA)

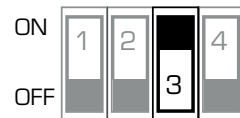


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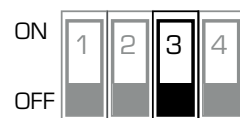
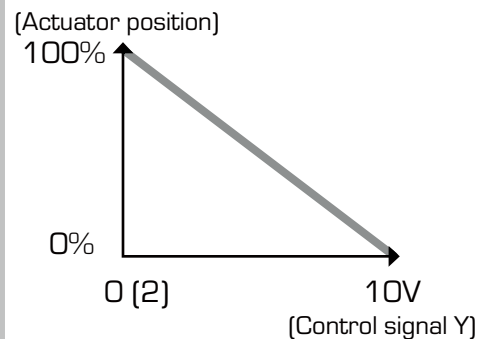


Voltage (V DC)

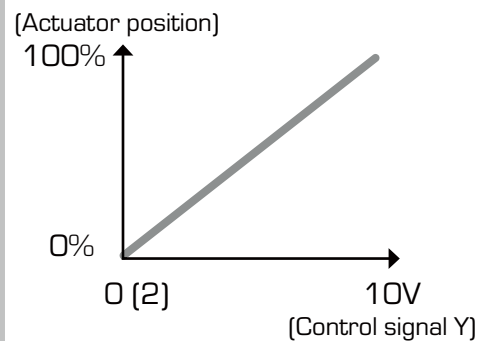
**E  
3c**



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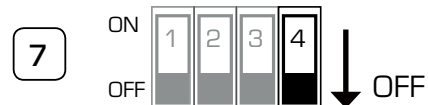
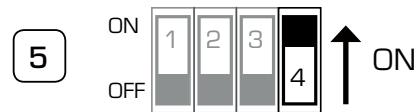
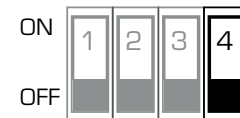


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**E  
3d**

Adaption working range





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