

# Osmosis Control OS-201



The OS-201 Osmosis Control is used to automatically monitor and control a water desalination plant by the reverse osmosis principle.

In its standard version the device is equipped with a measuring module for conductance measurement with temperature measurement. Optionally OS-201 Osmosis Control is also available with conductance measuring module with an (0)4 ... 20 mA analog output.

## Technical Data

### Operating Voltage

230 V, 50 Hz (-10 / + 6 %)

### Fuse

4 A T

### Power Consumption

approx. 8 VA  
(without external consumers)

### Option 24 V Version

24 V AC valve voltage supply  
max. 20 VA, fuse 1 A T

### Data Retention follow. Power Failure

operating data approx. 72 hours  
configuration and parameter data are safely stored in EEPROM

### Outputs

2 phase-ass. change over cont. (230 V AC)  
2 phase-ass. norm. open switch (230 V AC)  
jointly fused by 4 A slow  
3 neutral change-over contacts  
1 neutral normally open switch  
optionally (0)4 ... 20 mA analogue output

### Relay Contact Data

relay contact: 230 V AC / 8 A (AgNi)

### Inputs

six inputs via optocoupler  
contact load 10 V DC, ca. 8 mA  
1 input for conductance measurement  
1 input for Pt100 probe

### Ambient Temperature

-20 ... +55 °C

### Housing

DIN plastic housing  
for wall installation IP54

### Dimensions

W / H / D : 212 x 184 x 94 mm

### Ordering Information:

OS-201 / 230 V: E1328  
OS-201 / 230 V / 24 V: E1329

### with (0)4 ... 20 mA – Analogue Output:

OS-201 / 230 V: E1639  
OS-201 / 230 V / 24 V: E1640