

OS3015

Controller for Reverse Osmose



■ Description

The unit type OS3015 is universal applicable for automatic monitoring and control of reverse osmosis plants. There are four possible stages : "Stand by", "Production", "Rinse after production", "Rinse during standby". This unit can monitor conductivity and several inputs e.g. level switches, low pressure switch, etc.. Adaptable to user specific requirements by built-in programmable options. The programmed configuration will be stored into non volatile memory and therefore not be affected by power loss.

■ Features

User Interface

- Monochrome LCD display (16x2 characters)
- Control through three internal keys
- Language : English, French, German, Dutch, Spanish and Italian

Inputs

- 3x Input for potential free switch

Outputs

- 3x Relay output (powered)

Memory

- Programming will be stored and not be affected by power loss.

Enclosure

- Suitable for wall mounting, IP65

Power supply

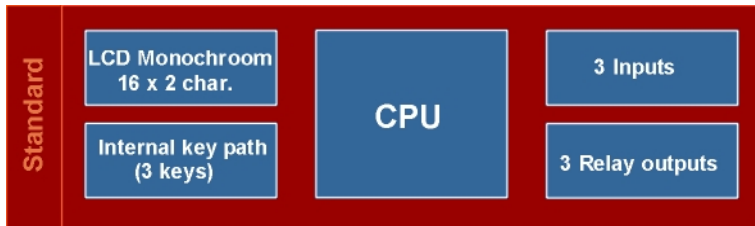
- 24 VAC input / 24 VAC output
- 115 VAC input / 115 VAC output
- 230 VAC input / 230 VAC output
- 12 VDC input / 12 VDC output
- 24 VDC input / 24 VDC output



EQUIPMENT FOR WATER TREATMENT SYSTEMS

OS3015

■ Block diagram



■ Function Table

The relay outputs and digital inputs are related to the following functions :

| Relay Outputs | Digital Inputs | | |
|--------------------|-------------------------|--|--|
| Inlet valve | Stop | | |
| High pressure pump | High level switch | | |
| Concentrate valve | Low level switch | | |
| Alarm | Exceeded water pressure | | |
| | Low water pressure | | |

■ Ordering Information

OS3015 + power supply

Power supply :

| | |
|-------|-------------------|
| 24V | 24 VAC / 24 VAC |
| 115V | 115 VAC / 115 VAC |
| 230V | 230 VAC / 230 VAC |
| 12VDC | 12 VDC / 12 VDC |
| 24VDC | 24 VDC / 24 VDC |

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