



EQUIPMENT FOR WATER TREATMENT SYSTEMS

## ES2070 TV

### Controller for Softners



### ■ Description

The unit type ES2070TV is universal applicable for automatic monitoring and control of softner plants and suitable for single, double and triple column installations in alternating and parallel circuits.

Universally implementable for a wide range of control valves and pilot valves.

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 character LCD display 2x16
- Six keys
- Language : English, French, German, Dutch, Italian and Spanish

#### Inputs

- 6x Input for potential free switch

#### Outputs

- 9x Relay output (powered)  
For control valve
- 6x Relay output (dry contact)  
Programmable for special function

#### Memory

- Real time clock with "lifetime" battery
- Programming will be stored and not be affected by power loss.

#### Enclosure

- Suitable for wall mounting
- IP65

#### Power supply

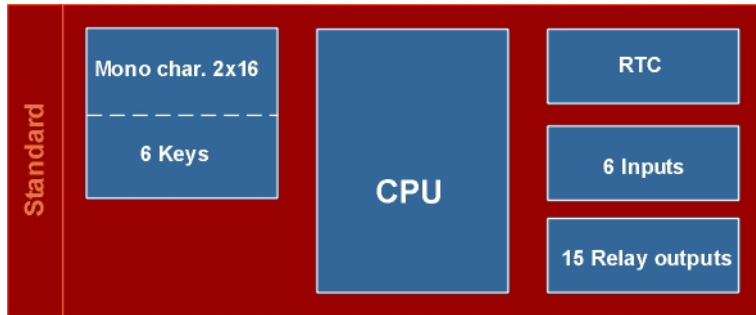
- 24 VAC input / 24 VAC output
- 115 VAC input / 115 VAC output
- 230 VAC input / 230 VAC output
- 115 VAC input / 24 VAC output
- 230 VAC input / 24 VAC output
- 240 VAC input / 24 VAC output



EQUIPMENT FOR WATER TREATMENT SYSTEMS

# ES2070 TV

## ■ Block diagram



## ■ Function Table

Relay outputs	Inputs			
Control valves (3x)	Water meter 1			
Additional program (3x)	Water meter 2			
Flow pulse	Water meter 3			
Flush valve	Level switch storage			
Regeneration	Wait			
Alarm	External regeneration start			
Transport pump	Level switch chemicals			

## ■ Ordering Information

ES2070 TV + voltage

For example :

ES2070 TV 230/24V = ES2070 TV with 230VAC input and 24 VAC output for relays.