ES2050 / ES2051

Controllers for Softner

ES2050

ES2051

■ Description

The unit type ES2050 is universal applicable for automatic monitoring and control of softner plants and suitable for single and double 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 LCD display (16x2 characters)
- Control through six keys
- Six LEDs for process and alarm indication
- Language : English, French, German, Dutch, Spanish and Italian

Inputs
- 4x Input for potential free switch

Outputs
- 6x Relay output (powered)
- 5x Relay output (dry contact)

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

Enclosure
- ES2050 : Suitable for wall mounting, IP65
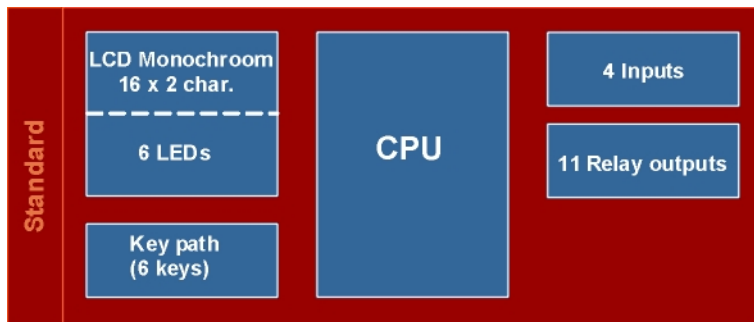- ES2051 : Suitable for panel mounting, IP42

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

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■ Block diagram

■ Function Table

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

Relay Outputs		Digital Inputs			
Control valves (2x)		Water meter			
Additional program		Regeneration wait			
Flow pulse		Level switch storage			
Transport pump		Level switch chemicals			
Regeneration		Regeneration start			
Alarm					

■ Ordering Information

Wall mounted :
ES2050 + power supply

Panel mounted :
ES2051 + power supply

Add power supply to codes as mentioned above :
24V	24 VAC / 24 VAC
115V	115 VAC / 115 VAC
230V	230 VAC / 230 VAC
115/24V	115 VAC / 24 VAC (only ES2050)
230/24V	230 VAC / 24 VAC (only ES2050)
240/24V	240 VAC / 24 VAC (only ES2050)