ES2030 SV

Controller for Filters

■ Description

The unit type ES2030SV is universal applicable for automatic monitoring and control of softner or filtering plants (through solenoid valves) and suitable for single and double column installations in alternating, parallel or serial circuits.
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 seven keys
- Eight LEDs for process and alarm indication
- Acoustic signal for alarm
- Language : English, French, German, Dutch, Spanish and Italian

Inputs
- 1x Input for potential free switch
Optional (circuit board IF2030)
- 1x Additional input for potential free switch

Outputs
- 6x Relay output (powered)
Optional (circuit board IF2030)
- 2x Relay output (dry contact)

Memory
- Programming will be stored and not be affected by power loss.
- Real time clock with battery back up.

SD Card
- Software updates

Enclosure
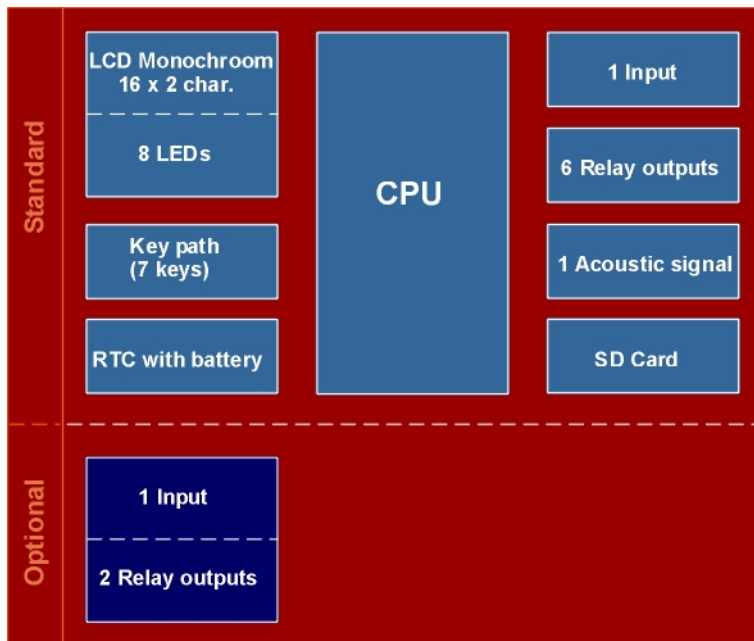- Suitable for wall mounting, IP65

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

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■ Block diagram

■ Function Table

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

Relay Outputs		Digital Inputs			
Single valves (up to 8)		Water meter			
Additional program		Regeneration wait			
Flow pulse		Level switch storage			
Flush valve		Level switch chemicals			
Regeneration		Regeneration start			
Alarm					

■ Ordering Information

Wall mounted :
ES2030SV   with 5 powered relay outputs and 1 digital input
ES2030SI   with 5 powered relay outputs, 2 relay outputs with dry contact and 2 digital inputs

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
230/24V   230 VAC / 24 VAC