



Valves boxes CV type

## Destination

The valves boxes are designed for operate the valves, being able to realise the following operations :

- open-close command
- operating regime selector
- Operating voltage surveillance.

## Components

The component element :

- double pickled steel sheet electrostatic painted RAL 7032 standard;
- frame support for terminal strips ;
- mounting panel ;
- canopy for external montage ;
- glands ;
- electrical apparatus according the constructive versions.

## Operating conditions

■ montage	interior or exterior
■ 24h environmental average temperature	35 °C
■ storage and transport temperature	-33: +50 °C
■ operating environmental temperature	-40: +50 °C
■ climatical fabrication	N1-N3
■ umiditate relativă	90% at 20 °C
■ maximal altitude	2000 m
■ lifetime	20 years

## Technical characteristics

■ nominal voltage	400 / 230 Vca
■ operating frequency	50 Hz
■ allowed maximal current	40 A
■ protection degree	IP 54

## Installation

- **The montage** is made in the wall in 2 versions:
  - with 4 screws type M8X30 through the back cover
  - with lugs and dowels.
- **The cable access** is done in the bottom side;
- **The cable connection** is done directlz in the terminal strip

## Constructive versions

- CV 1 with socket - 3P 32A - command sheet 6A ;
- CV 2 with command buttons and signalling light ;
- CV 3 with command buttons, signalling light and regime selector;
- CV 4 with current converter type ELX 122 S ;
- CV 11 with motor force circuit ;
- CV 12 with sigalling, command, motor force circuit ;
- CV 13 with signalling, command, current metering regime selector force circuit ;
- CV 81 with buttons, signalling lamps and cam switch with mechanical block
- CV 82 with connectors;
- CV 84 with motor force circuit;
- CV 85 with command and signaling motor force circuit
- CV 91 with connectors;
- CV 92 with resistance current convector type ELX 122 S;
- CV 93 with socket - 3P 32A - command sheet 6A ;