

General description

CT416430 is an on/off actuator composed of 4 potential-free relay outputs (dry contact) and 6 low voltage inputs (SELV) referred to an internal reference to connect conventional pushbuttons or switches. Each output could work independently or simultaneously in different modes: binary outputs, blinds, thermo-valves or Fan-coil.

Includes an Arithmetic and Logic Unit (UAL) that allows to program complex logic operations, timers programming, counters, etc. using internal or external variables.

Features

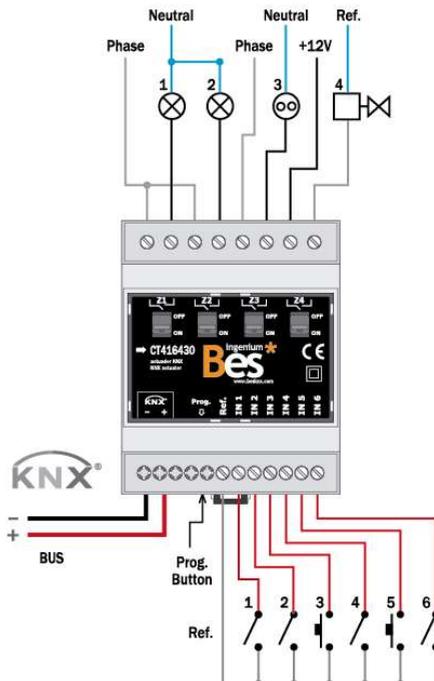
- Its 4 outputs allow to control 4 on/off electrical circuits, 2 blinds (2 outputs for one blind motor: up phase and down phase), or 1 Fan-coil. The cut off capacity is 30A@230Vac / potential-free relay output. If necessary, insert a contactor to control higher power circuits.
- 6 low voltage inputs (SELV) referred to internal reference.
- Last position memory in case of power failure.

Technical information

Supply	29Vdc from KNX
Consumption	10 mA from KNX Equivalent to 2 BUS devices*
Mounting / size	DIN rail / 4 modules
Connections	KNX connecting terminal bus. Screw terminal block for inputs and outputs.
Inputs	6 low voltage inputs (SELV) referred to an internal reference (minimum activation current 5mA)
Outputs	4 digital outputs (potential-free relay) 30A@230Vac cut-off capacity.
Breaking power	30A @ 230Vac
Environment temperature range	Operation: from -10°C to 55°C Storage: from -30°C to 60°C Transportation: from -30°C to 60°C
Regulation	According to the directives of electromagnetic compatibility and low voltage. EN 50090-2-2 / UNE-EN 61000-6-3:2007 / UNE-EN 61000-6-1:2007 / UNE-EN 61010-1

*1 BUS device = 5 mA

Installation



Observations

Not recommended for using as blinds controller.

Install low voltage lines (KNX bus and inputs) in a ducting separated from the power (230V) and outputs lines ducting to ensure there is enough insulation and avoid interferences.

Do not connect the main voltages (230V) or any other external voltages to any point of the KNX bus or inputs.

QR Code

