



## Switch, Shutter, FanCoil, Heating Actuator and Universal Interface

24 ×  12 ×  6 ×  24 ×  2 ×   
All in One

### Ultra Actuator UA.2416.01

- 24 Fold 16A relays in 6 different adjustable blocks which can be configured as:
  - Up to 24 Switch outputs
  - Up to 12 Shutter channels
  - Up to 6 FanCoil 2 pipes control
  - Up to 24 Heating outputs
- Up to 2 universal interface channels

# Ultra Actuator UA.2416.01

## 24 Fold - 16A Switch, Shutter, FanCoil, Heating Actuator and Universal interface, 2-Fold

- Up to 12 customizable, multi-operation logic functions.
- Up to 12 customizable, multi-operation converter functions.
- Suitable for maximum 140  $\mu$ F capacitive loads.
- Does not need any additional power other than KNX bus.
- Save required data on power loss.
- Lockable manual operation and LED indicator.



### Switch

- Normally Open or Normally Close contact operation.
- A Flashing Timer plus a Simple Timer with Staircase, OFF, ON and OFF/ON delay.
- Up to 8 scenes per output.
- Locking function.



### Shutter/Blind

- Each shutter channel can be configured as Shutter (no slats) or as Blinds (with slats).
- Shutter/Slat position indication.
- 1Bit and 8Bit positioning function for shutter and blinds.
- Up to 8 scenes per channel.
- Locking and Alarm functions.



### FanCoil

- Controlling 2 pipes FanCoil systems with 3 fan speeds.
- Two fan operation mode.
- Automatic mode via control values sent from thermostat or temperature sensor.
- Optional valve (the forth output of each block can be configured as a valve or a switch).



### Heating

- Two possibilities to control the heating valve.
- Control of two valve types.
- Locking function.
- Automatic valve protection function.



### Universal Interface

- Connect push-buttons and window/auxiliary contacts.
- Normally Open or Normally Close contact operation, adjustable length of button push.
- Locking function for each output.
- Operation with short/long button push and 2 objects.

Outputs	
Number of outputs	24
Operating & display elements	individual LED and push button for each output
Output switching ratings: Ohmic load	16 A
Output switching ratings: Capacitive load	Max. 140 $\mu$ F at 16A
Output switching ratings: Voltage	230VAC
Maximum inrush current	600A/150 $\mu$ s, 250A/600 $\mu$ s
Output life expectancy (mechanical)	1.000.000
Permitted screw terminal	1 x 0,2 - 4,0mm <sup>2</sup> solid core , 1 x 0,2 - 2,5mm <sup>2</sup> finely stranded
Torque screw terminal	0,5Nm
Inputs	
Number of inputs	2
Permitted input cable length	5m
Permitted screw terminal	1 x 0,14 - 0,5mm <sup>2</sup> solid core / finely stranded
KNX	
Power supply	KNX bus, no external power supply required
KNX supply bus voltage (typical)	29 VDC SELV
KNX supply bus voltage range	21....31 VDC
Bus connection	Typical bus connector TP1 for rigid cable 0,8mm $\varnothing$ , solid core
Available application software	ETS4/5