

AVEbus home automation multifunction actuator with 8 channels for lights and shutters

***A single device for managing lights and shutters, with 8 dry contact relays
and installation on DIN rail.***

AVE presents the **53ABR8 home automation multifunction actuator**, an innovative device that allows the management of lights (or stairway lights) and/or shutters (even with sunshade slat orientation) within the AVEbus system. Through a single device it's thus possible to manage two of the most requested functions, giving the installer **more versatility and greater possibilities** for home automation systems.

It's an **AVEbus multifunction actuator** with installation on DIN rail (60715 TH35), where it occupies 6 x 17.5 mm modules. It's equipped with 8 dry contact relays (with a capacity of 10 A 250 VAC), divided into four sub-devices, each with two freely-programmable relays. Each of these sub-devices can perform the function of light or stairway actuator, roller shutter or shutter with sunshade slat orientation. In **Light mode**, the two relays are equivalent to two separate logic channels: Ch.xA and Ch.xB; instead, in **Shutter mode**, the two relays belong to the same logic channel Ch.x A/B, where A is the up contact and B the down contact (with interlock).

For each of the four relay groups, the **operating mode** is selected from the front of the device: after pressing PRG (to activate configuration mode), pressing button A sets the pertinent relay group to *Light mode*, while pressing button B sets it to *Shutter mode*. Light / Stairway Light or Shutter / Shutter with sunshade slat orientation are chosen through **configuration from AVE Cloud App** - EasyConfig or SFW-BSA.

Manual forcing is also available through the front control buttons. Pressing the button for a given relay causes that relay to switch manually and this is indicated as the pertinent LED goes on. In *Light mode*, it is equivalent to forcing the output into manual mode in which commands from the bus are ignored until automatic operation is restored by either pressing AUTO or rebooting the device. In *Shutter mode*, forcing remains in effect for as long as the button is pressed.

The device is equipped with **LEDs for feedback status**: the green colour with slow flashing indicates normal operation, while fast flashing identifies the configuration; the steady amber colour warns of the relay switching, with a short pause it instead identifies manual forcing and with slow flashing it signals the configuration mode of the relative channel.

The **53ABR8 multifunction actuator** represents a further added value for the **AVE DOMINA Smart home automation system**: a professional product designed for installers, who now have the ability to manage two of the most requested functions through a single device in a simple, versatile and fast way. **Even more flexibility for the home automation management of lights and shutters.**

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