



## Always observe on connection:

- No parallel connection of motors

If cable recommendations are followed, there is no known limitation of distance within a building between:

- motor and elero Interface (240V wiring)
- elero interface to Home automation system (Low Voltage)

## elero Interface, available with/ for/ as:

- Basic Interface
- Basic interface for 2+ motors
- Built in radio receiver
- Built in infrared receiver
- Built in timer (daily/ weekly/ yearly)
- Intermediate position or tilt position memory
- Sun/ wind/ temperature/ rain sensor connect ability
- 2 Inputs for creation of different groups/ priorities
- All of the above as Plug & Play (RJ45 to home automation)

## Home automation needs to provide per motor or group:

- 2 Dry contacts (One for up, one for down plus common)
- **3-core (or 2-pair) shielded cable with 0.6 – 1 mm dia. core to elero Interface (or approved, shielded Phone cable type JY-ST ... x 0.6mm)**

## To take control of the interface:

- 2 sec. closure of up or down sends blind all the way up or down
- While motor is running, contact closure of 0.2 - 1 sec. in opposite direction will stop motor
- Contact closure (and release) of up and down signal < 0.2 at same time will stop motor

## Optional on some controllers (please check with us):

- 0.2 - 1 sec. contact closure moves the blind only for this amount of time (Design for Venetian blinds for tilting)
- < 5 sec. contact closure in up direction will override "Automation Off" setting (Design for Alarm applications)

## If elero interface is not used always provide:

- **Switchover delay of 500msec between up and down direction**
- **No power to up and down direction at ANY time**
- **No parallel connection of motors**

**If above is not guaranteed by the home automation system, motors will be damaged and no longer be covered by warranty!**

**(This applies to all motors of this type in the world!)**