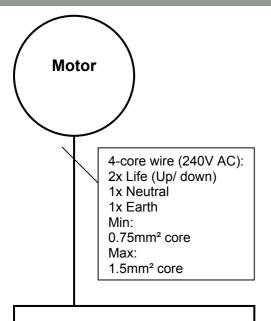
Basic home automation requirements el



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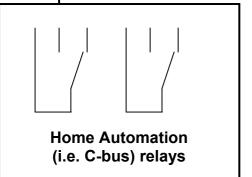
elero Interface

i.e 2-way REG, VarioTec, WKS-Primus, WKS-IR, etc.

(For detailed connection refer to controller manual)

Power supply 240 Volt

3-core wire (5 - 6V): 2x Up/ Down 1x Ground Min:0.6 mm core dia. Use shielded cable!



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!)

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MW/10/04//Plug&Play/basic BMCS requirements

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