

# DuoFern

## Environmental sensor

(anticipated availability from 2nd quarter of 2009.)

### Overview of advantages

#### Sensor

- Azimuth and elevation:  
Control of assigned drives according to the vertical and horizontal position of the sun
- Comprehensive automated functions through evaluation of readings for rain, wind, temperature and sun
- Integral DCF radio timer
- Adjustment and control with the DuoFern manual central operation unit

#### Integral tubular motor controller (adjust using manual central operating unit)

- End point setting with RolloTube tubular motors by radio:  
Adjustment / modification is possible at any time
- Reversal of rotational direction
- Secure cable connection to the drive
- Individual run-time setting
- Ventilation / Position of the sun
- Radio rain / wind automatic operation



9475

### Technical specifications

|  |  |
|--|--|
| Item number  | 9475   |
| Dimensions (WxHxD)   | 96 x 77 x 118 mm   |
| Supply voltage   | 230 V / 50 Hz  |
| Transmission frequency   | 434.5 MHz  |
| Transmission power   | max. 10 mW   |
| Ambient temperature  | - 30 °C to + 60 °C                                       |
| Output   | Loadable with max. 1000 w, fused with T 6.3 A micro fuse |
| Heating rain detector  | approx. 1.2 w  |
| Temperature sensor measuring range                                 | - 40 °C to + 80 °C                                       |
| Temperature sensor resolution                                      | 0.6 °C   |
| Solar sensor measuring range                                       | 0 to 150,000 Lux   |
| Solar sensor resolution  | 1,000 Lux  |
| Wind sensor measuring range  | 0 m/sec to 35 m/sec                                      |
| Wind sensor resolution   | 1 m/sec  |
| Complies with the European Low Voltage Directive and EMC Directive |  |