# Installation Information

## Control units Easy 200

PRD0346E02en

### Introduction

- This instruction corresponds to the UWE control units Easy 200.
- On receipt of the goods, remove all packaging material and check all items for transport damage.
- Check that the delivered goods correspond to the specifications of the delivery note.

Read the documentation accompanying the product before starting installation work.

The correct function and performance of the product are only guaranteed on condition that the instructions given in this document are strictly followed.

### Further information

- Product sheet Easy 200 PRD0330
- Product sheet Sensor NTC-4k7 PRD0071

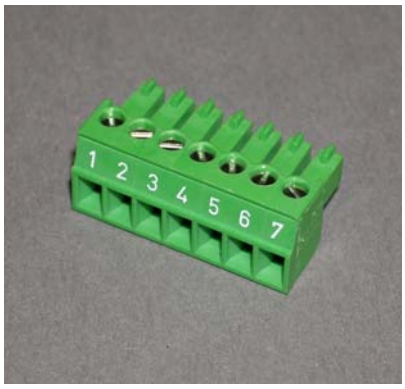
## Installation instructions for Easy 200

**1.** Place the Easy 200 in a 44x22 mm (inside dimension) panel. The control unit should not be exposed to moisture, always keep dry!

**2.** Install the sensor (if applicable). Use only UWE sensor, see product sheet Prd0071.

**Comment: In the product information sheet, you'll find accessories for mounting, such as brackets and frames.**

**3.** Connect the wires to the contact (picture right) according to the specific pin diagrams below.




### EasyTerm 200 Defroster pinning table

Connector type Min.-Combicon from Phoenix, pitch 3.81mm
7 poles, art. no. MC 1.5/7-G-3.81

| Signal | Comment | Pin | Type |
|---|---|---|---|
| GND | Main supply GND (valve gnd connection) | PL1:1 | Power Supply |
| +12 to 24V | Main supply +12 to 24V | PL1:2 | Power Supply |
| Valve | Valve signal output, inverted (0V=open) | PL1:3 | Output, max 1.5A |
| Out 1 | Signal output, can be used to activate optional equipment such as fans, pumps, etc. Will automatically activate signal at start up. | PL1:4 | Output, max 1.5A |
| NTC GND | Temperature sensor input (GND) | PL1:5 | NTC input |
| NTC + | Temperature sensor input (+) | PL1:6 | NTC input |
| Out 2 | Signal output, can be used to activate optional equipment such as fans, pumps, etc. Will be activated at 1/6 of the governing valve's maximum value. | PL1:7 | Output, max 3A |

### EasyTerm 200 Compartment pinning table

Connector type Min.-Combicon from Phoenix, pitch 3.81mm
7 poles, art. no. MC 1.5/7-G-3.81

| Signal | Comment | Pin | Type |
|---|---|---|---|
| GND | Main supply GND (valve gnd connection) | PL1:1 | Power Supply |
| +12 to 24V | Main supply +12 to 24V | PL1:2 | Power Supply |
| Valve | Valve signal output, inverted (0V=open) | PL1:3 | Output, max 1.5A |
| Out 1 | Signal output, can be used to activate optional equipment such as fans, pumps, etc. Activated when valve is open, except 20 seconds delay at start/shutoff of the control unit. | PL1:4 | Output, max 1.5A |
| NTC GND | Temperature sensor input (GND) | PL1:5 | NTC input |
| NTC + | Temperature sensor input (+) | PL1:6 | NTC input |
| Out 2 | Signal output, can be used to activate optional equipment such as fans, pumps, etc.<br>Activated below SET -3°C<br>Turned off >SET-1°C | PL1:7 | Output, max 3A |

### EasyFloor 200 pinning table

Connector type Min.-Combicon from Phoenix, pitch 3.81mm
7 poles, art. no. MC 1.5/7-G-3.81

| Signal | Comment | Pin | Type |
|---|---|---|---|
| GND | Main supply GND | PL1:1 | Power Supply |
| +12 to 24V | Main supply +12 to 24VDC | PL1:2 | Power Supply |
| Out- | Signal output (-) to flap motor | PL1:3 | Output, max 0,7A |
| Out + | Signal output (+) to flap motor | PL1:4 | Output, max 0,7A |
| NTC GND | Temperature sensor input (GND) | PL1:5 | NTC input |
| NTC+ | Temperature sensor input (+) | PL1:6 | NTC input |
| SW+ | Enable heating control | PL1:7 | Input |

### EasyFlap 200 pinning table

Connector type Min.-Combicon from Phoenix, pitch 3.81mm
7 poles, art. no. MC 1.5/7-G-3.81

| Signal | Comment | Pin | Type |
|---|---|---|---|
| GND | Main supply GND | PL1:1 | Power Supply |
| +12 to 24V | Main supply +12 to 24VDC | PL1:2 | Power Supply |
| Out- | Signal output (-) to flap motor | PL1:3 | Output, max 0,7A |
| Out+ | Signal output, (+) to flap motor | PL1:4 | Output, max 0,7A |
| FeedB GND | Position feedback output (GND) | PL1:5 | Output |
| FeedB+ | Position feedback input | PL1:6 | Input |
| FeedB+24V | Position feedback output (+24VDC) | PL1:7 | Output |

**IMPORTANT: To alternate clock-wise or anti-clockwise operation of the flap motor, just shift the PL1:3 and PL1:4. For correct function connect PL1:5 and PL1:7 so that the voltage feedback always is at maximum when the selection knob is set to “all air to wind screen”. Another function test is to check that the flap motor goes to its end positions, then to set position, at each start up.**

### EasyFan 200 pinning table

Connector type Min.-Combicon from Phoenix, pitch 3.81mm
7 poles, art. no. MC 1.5/7-G-3.81

| Signal | Comment | Pin | Type |
|---|---|---|---|
| +12 to 24V | Main supply +12 to 24VDC | PL1:1 | Power Supply |
| GND | Main supply GND | PL1:2 | Power Supply |
| | Not used | PL1:3 | |
| | Not used | PL1:4 | |
| | Not used | PL1:5 | |
| Out+ | Signal output (+) to fan motor | PL1:6 | Output, max 5A |
| Out- | Signal output (-) to fan motor | PL1:7 | Output |

### EasyPot 200 Basic (12V or 24V

Connector type Min.-Combicon from Phoenix, pitch 3.81mm
7 poles, art. no. MC 1.5/7-G-3.81

| Signal | Comment | Pin | Type |
|---|---|---|---|
| GND | Main supply GND | PL1:1 | Power Supply |
| +12 or 24V | Main supply +12 or 24VDC | PL1:2 | Power Supply |
| SWout | Turning switch output | PL1:3 | Output |
| SW- | Turning switch input (-) | PL1:4 | Input |
| SW+ | Turning switch input (+) | PL1:5 | Input |
| GND | Alternative GND connection | PL1:6 | Power supply |
| Out 1 | Optional signal output | PL1:7 | Output, max 0.7A |
| | 5-24VDC has to be connected to the switch, between SW+ and SW-, to be able to activate the output | | |