

## Datasheet HTFRL-316.225

Articlenumber: BA121600

Radio heating actuator for mounting in the heating circuit manifold, 8-channel, IP20

Wireless actuators (wireless heating controllers) which, in conjunction with alre wireless room temperature sensors, realize individual room temperature control. Mainly used in renovation projects or for heating system extensions. 8-channel radio temperature actuator for installation in the heating circuit manifold. Max. 3 valve actuators per channel can be connected directly / max. 20 valve actuators in total, including pump module, one time zone per channel possible, master-slave operation, averaging with up to 8 measuring points. The top section can be removed to teach the wireless sensors in the individual rooms. This requires the use of an optional, commercially available 9 V battery. The channel selection button and a teach-in button make it very easy to teach-in the sensors.



|                                    |                                   |
|------------------------------------|-----------------------------------|
| Ambient temperature                | ?10 ... 50 °C                     |
| Bearing temperature                | –20 ... 70 °C                     |
| Colour                             | Anthracite                        |
| Control range                      | 5 ... 30 °C                       |
| Cooling control function           | No                                |
| Dimensions (W x H x D)             | 255 mm x 100 mm x 61,5 mm         |
| Display type                       | LED                               |
| Electric connection                | Spring push-lock terminals        |
| Heating control function           | Yes                               |
| Housing material                   | Plastic PC                        |
| Max. air humidity (non-condensing) | 95 % r.H.                         |
| Max. switching current             | 3 (1) A                           |
| Max. switching voltage             | 230 VAC, 50 Hz                    |
| Min. switching voltage             | 230 VAC, 50 Hz                    |
| Montage/Befestigung                | Surface mounting or standard rail |

|                                  |                                    |
|----------------------------------|------------------------------------|
| Number of channels/zone          | 8                                  |
| Number of outputs                | 9                                  |
| Operating voltage                | 230 VAC, 50 Hz                     |
| Operation                        | Key                                |
| Output signal                    | Switching                          |
| Potential free switching contact | No                                 |
| Protection class                 | II, following appropriate mounting |
| Radio frequency                  | 868.3 MHz                          |
| Safety and EMC                   | In accordance with DIN EN 60730    |
| Surface finish                   | Gloss                              |
| Switching contact                | 9 normally open contacts           |
| Switching differential           | 0,5 K (delta T max. 4 K/h)         |
| Switching element                | 9 relays                           |
| Switching power                  | 690 W                              |