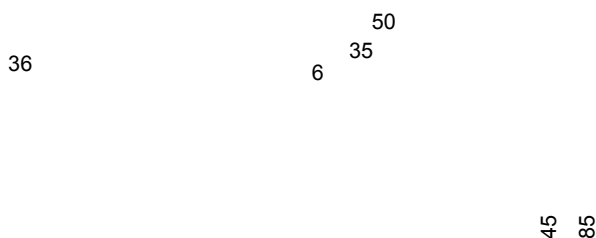




In the event of overload due to the simultaneous switching of several electric loads, P-Comfort prevents power supply interruption disconnecting the non-preferential loads connected by radio frequency to: smart plug RF ZigBee (GWA1526) - lush-mounting actuator RF ZigBee (GWA1523), or wired to the relay inside the device. The disconnection and connection of preferential loads can be set by: Priority (regardless of power consumption) - Power (depending on the power consumption). The P-Comfort relay can be installed in electrical systems up to 6 kW. The device is already set with default values suit for 3 kW utilities but it is possible to change these values using the buttons placed on the front of device.

| Description | Load management relay p-comfort (radio frequency version) | Model | Radio frequency version |
|--|--|--|---|
| Rated voltage (V) | 230V ac | No. of modules EN 50022 | 2 |
| Rated current | 32 A | Type relay contact | Changeover (potential free contact) |
| Capacity relay contact | 16 A AC1 250 V ac | Standard | EN 60669-1, EN 60669-2-1, EN 301489-1, EN 301489-17 |
| Rated frequency (Hz) | 50 | Insulation voltage (Ui) | 1000 V |
| Rated impulse withstand voltage (Uimp) | 1 kV | Section rigid cable | Max 6 mm ² |
| Section flexible cable | Max 4 mm ² | Rigid cable section for contact terminals | Max 4 mm ² |
| Flexible cable section for contact terminals | Max 2,5 mm ² | Operating temperature | -5 ÷ +45 °C |
| Stocking temperature | -25 ÷ +70 °C | Absorbed power with In | 2 VA |
| Sound level at 10 cm | 85 Db | Max outdoor distance of signal | 100 m |
| Max number of Zigbee devices can be connected | 10 | Radio protocol | ZigBee / IEEE 802.15.4 |
| Output power of signal | +8 dBm | Frequency of signal | 2.4 |
| Measured sizes | Active power (absorbed and supplied), active energy (absorbed and supplied), current, voltage, power factor, frequency | Resetting of energy count | Yes |
| Acoustic warning threshold exceeded | Yes | Adjustment power range | 0 ÷ 8 kW (3,8 kW default) |
| Adjustment of non-priority load contact opening delay time | 10 ÷ 120 s (45 s default) | Adjustment of non-priority load contact opening time | 10 ÷ 255 s (90 s default) |
| Electrocod | 051A | | |

DIMENSIONAL



TECHNICAL SYMBOLOGY

INSTALLATION



STANDARDS/APPROVALS

