

# **Product Data Sheet**

## **GWA1916**

#### Home&Building Pro



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	t	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 mm²	
Section flexible cable		Max 4 mm²	Rigid cable section for contact	ct terminals Max 4 mm²
Flexible cable section for contact terminals Max 2,5 mm²		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 sign	al 100 m
Max number of Zigbee devices can be connected 10		Radio protocol	ZigBee / IEEE 802.15.4	
Output power of signa	I	+8 dBm	Frequency of signal	2.4
Measured sizes	Active power (absorbed an (absorbed and supplied), curr		Resetting of energy count	Yes
		frequency		
Acoustic warning threshold exceeded Yes		Adjustament 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 loa	ad contact opening time 10 ÷ 255 s (90 s default)	
Electrocod		051A		

#### **DIMENSIONAL**

35

6

36

45

## **TECHNICAL SYMBOLOGY**



### STANDARDS/APPROVALS





