

Product Data Sheet GWA1916

90 AM Range



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 vers	sion)	Model	Radio frequency version
Rated voltage (V)	230	V 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 withsta	nd voltage (Uimp)	1 kV	Section rigid cable	Max 6 mm²
Section flexible cable	Max 4	mm²	Rigid cable section for conta	ct terminals Max 4 mm ²
Flexible cable section	for contact terminals Max 2,5	mm²	Operating temperature	-5 ÷ +45 °C
Stocking temperature	-25 ÷ +7	'0 °C	Absorbed power with In	2 VA
Sound level at 10 cm	88	5 Db	Max outdoor distance of sign	nal 100 m
Max number of Zigbee devices can be connected 10		Radio protocol	ZigBee / IEEE 802.15.4	
Output power of signa	+8	dBm	Frequency of signal	2.4
Measured sizes	Active power (absorbed and supplied), active en (absorbed and supplied), current, voltage, power fa frequi	actor,	Resetting of energy count	Yes
Acoustic warning threshold exceeded Yes			Adjustament power range	0 ÷ 8 kW (3,8 kW default)
	ority load contact opening delay time 10 ÷ 120 s (45 s def		Adjustment of non-priority loa	,
Electrocod)51A		<u> </u>

DIMENSIONAL

50 35

6

36

45 85

TECHNICAL SYMBOLOGY



STANDARDS/APPROVALS

