

## Product Data Sheet GWD6916

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 wired to the relay inside the device. After a time period, P-Comfort automatically power supplies non-preferential loads again, avoiding service interruptions. 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	Model	Wire version
Rated voltage (V)	230 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
Rated frequency (Hz)	50	Insulation voltage (Ui)	1000 V
Rated impulse	1 kV	Section rigid cable	Max 6 mm²
withstand voltage (Uimp)			
Section flexible cable	Max 4 mm²	Rigid cable section for contact 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	Measured sizes	supplied), active energy (absorbed
			and supplied)
Resetting of energy count	Yes	Acoustic warning threshold exceeded	Yes
Adjustament power range	0 ÷ 8 kW (3,8 kW default)	Adjustment of non-priority load contact opening dela	y time 10 ÷ 120 s (45 s default)
Adjustment of non-priority load contact opening tin	ne 10 ÷ 255 s (90 s default)	Electrocod	140

## **DIMENSIONAL**

50

36 35 6

45 85

## **TECHNICAL SYMBOLOGY**



## STANDARDS/APPROVALS

