

WALL MOUNTED PIR OCCUPANCY SWITCHES



This range of energy saving products is designed for the automatic switching of a wide variety of load types.

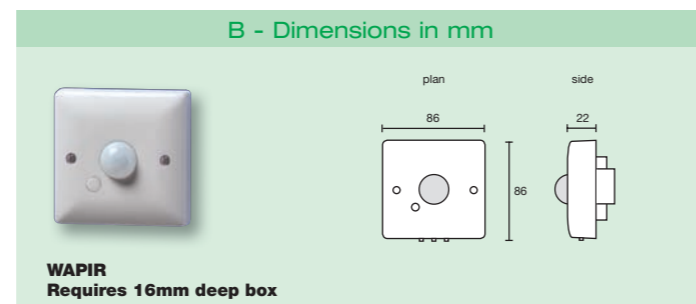
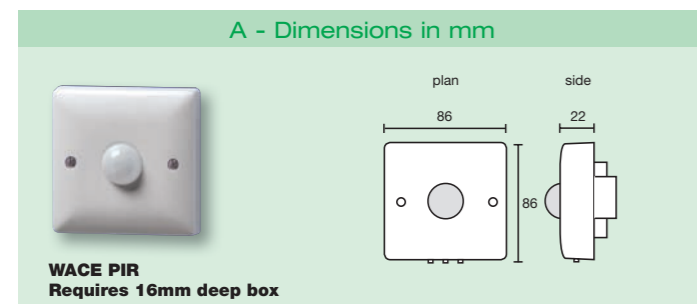
These products include a person detector and an adjustable photocell override.

Product options include:

WACE PIR 3-wire (neutral required). Designed for mounting on walls and solid ceilings these products are hard wired and can be mounted onto a 16mm deep back box.

WAPIR 2-wire (no neutral required). Designed for mounting on walls these products are hard wired and can be mounted onto a 16mm deep back box. WAPIR has a push button on the front plate to select between 'override off' or 'automatic mode'. A slowly pulsing LED behind the button indicates when the control is in override OFF mode.

SPECIFICATION:	
Detection zone:	120°
Max. detection area:	Up to 10m
Ideal mounting height:	1m - 1.8m
Photocell range:	30-1000 lux and inactive
Time lag range:	10 seconds to 40 minutes in 9 steps
Dimensions:	See diagrams below.
LOADING: WACE PIR	
6 amps (1500W)	Resistive
6 amps (1500W)	Fluorescent
3 amps (750W)	Electronic or wire wound transformer
2 amps (500W)	LED Drivers and LED lamps and fittings
2 amps (500W)	CFL or 2D lamps
1 amp (250W)	Fans
Minimum Load:	2W resistive
LOADING: WAPIR	
10 amps (2500W)	Resistive
6 amps (1500W)	Fluorescent
6 amps (1500W)	Electronic or wire wound transformer
6 amps (1500W)	LED Drivers and LED lamps and fittings (PF ≥ 0.95)
6 amps (1500W)	CFL or 2D lamps
1 amp (250W)	Fans
Minimum Load:	20W per WAPIR in the circuit. A load capacitor (CAPLOAD) is supplied to augment small or non-resistive loads. Provides a current path equal to 40W resistive load.
5 YEAR WARRANTY - MADE IN THE U.K.	



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DANLERS PRODUCT ORDER CODE	DETECTION TYPE	PHOTOCELL LUX RANGE	ADDITIONAL PRODUCT DESCRIPTION	WIRING DIAGRAMS	DIMENSION DIAGRAMS
WACE PIR	Presence	30-1000 & inactive	Suitable for wall or ceiling mounting. Fits either into a plaster depth (16mm) wall box or onto a ceiling mounted square pattress box. Requires neutral wire.	33.1	A
WAPIR	Presence	30-1000 & inactive	Can replace an existing wall switch – no neutral wire is needed. Fits into a plaster depth (16mm) wall box. Has override off button (out position) to enable the lights to be held off. The WAPIR requires a permanent live supply and should only be used in applications where the load WILL BE ON for LESS than 16 hours per day. This is to allow its rechargeable battery enough time to recharge itself from the mains supply. A load capacitor (CAPLOAD) is supplied to augment small or non-resistive loads. Provides a current path equal to 40W resistive load.	33.2	B
VARIANTS	DANLERS can also supply many variants, including low voltage versions of standard products, to special order. Please contact us to discuss your requirements.			-	-

ALSO AVAILABLE:

IP66 rated PIR occupancy switches. Please see pages 36-37 for details.

