

Acetek Electrical Ltd

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PondCell 300R Photocell Sensor

Specification Details.

Electrical /Temperature

Class II (No Earth Required) Mains Version.
Voltage range 220 – 254 vac Mains version.
Wattage 300 @ 240 Vac
Temperature Range –18 to + 60.
3 x single Core PVC High Temp
Resistive/Inductive load
Relay Contact Material – Silver-Tin-Oxide

Optical details

Ratio 1-1.8
Clear disc, (on 110 lux) (off 70 lux) approx.

Physical properties

Colour	-	Grey / Black
Mounting	-	N°8 screws (not supplied)
Fixings Centres	-	50mm
Overall depth	-	50mm
Front width	-	90mm
Box length	-	90mm
Ingress Rating	-	IP44

Material – ABS /Polycarbonate
Weight - < 160g

Connections AC Mains

Brown	-	Input Live
Blue	-	Input Neutral
Black	-	Switched Live

Compliance

BS EN 50081-1
BS EN 6100-4-4
BS EN 6100-4-5
BS EN 6100-4-11
RoHS

Part Coding

PondCell 300R - Mains 240v Ac

Contents

1x PondCell 300R
1 x IP44 enclosure
1 x Terminal connector
2 x IP65 cable Glands
2 x M3 terminal fixings
2 x N°8 x 25mm mounting screws
2 x Red raw plugs



RoHS Compliant

Designed to switch your pond or water feature pump on in the morning and off at night.

Tools required

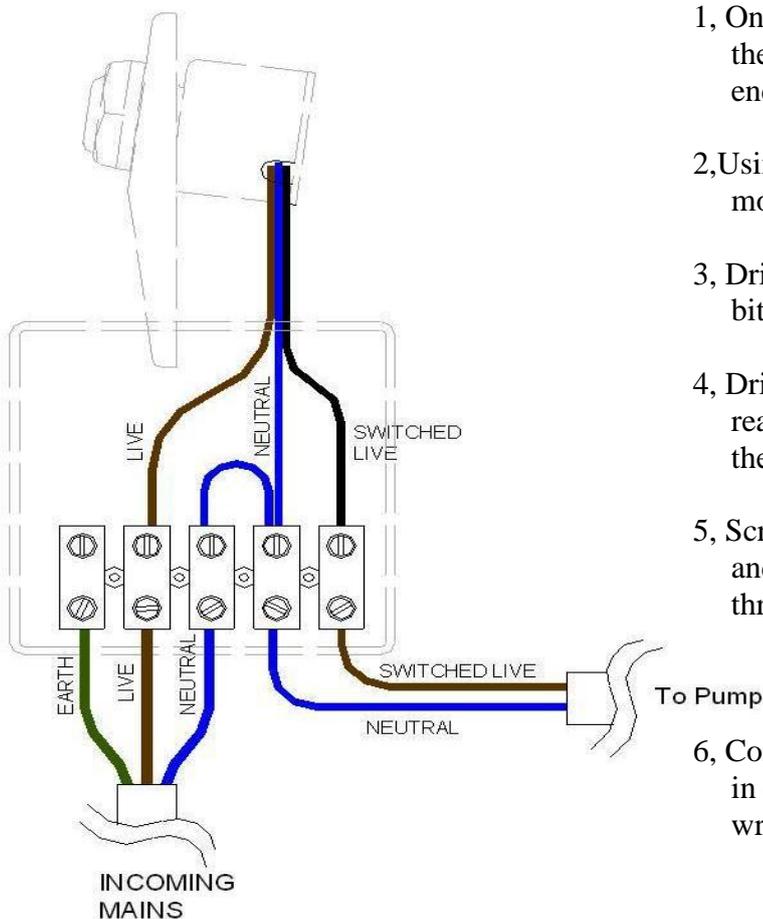
Power Drill
4mm metal drill bit
6.5mm masonry drill bit (Optional)
20mm Wood drill
Pozi N°2 screw driver
Pozi N°1 screw driver
Terminal screw driver (3mm)

Instructions and Installation (PondCell 300R)

Ensure all information is read and understood before installing this equipment.
All electrical work should be carried out by a qualified electrician.
Ensure the power has been properly isolated before carrying out any electrical work.

Where to position

The “Pondcell 300R” should be mounted in a position where water splashes from a pond or fountain are only very occasional. These photocells must never be subject to continuous splashing or immersion even by accident and therefore should be mounting on a suitable secure post or wall. These sensors detect day light levels and therefore should not be positioned where garden lights may affect the operation.



- 1, Once a suitable position has been chosen drill out the blind fixing holes in the rear of the grey enclosure. (50mm apart)
- 2, Using the case as a template mark the hole mounting positions ready for raw plugs if needed.
- 3, Drill the 2 mounting holes with a 6.5mm masonry bit in the wall or post ready for the raw plugs.
- 4, Drill the 20mm hole/s in the bottom side of the rear enclosure in the pre-scored areas to accept the cable gland/s and fit ensuring they are tight.
- 5, Screw the rear enclosure to the mounting surface and thread the mains incoming and pump wires through the glands and tighten.
- 6, Connections to the sensor are as shown in diagram. Ensure these are carefully followed as wrongly connected sensors may be damaged.

The switching capacity of the PondCell 300R is rated at 300 watt @ 240V ac and should be protected with the appropriate fuse. (3 Amp) **Do Not Overload**

It is recommended that all mains equipment operated outdoors should only be used with an RCD protection device. (Residual Current Detector)

RoHS ?

The PondCell 300R is RoHS Compliant.
(Restriction of Hazardous Substances).