

# Product Data Sheet: 200 Series Transformer Rectifier



## Description

The 200 series Transformer Rectifiers are suitable for powering a range of field devices and are ideal for use with the Cranford Controls door retainers.

All 200 series Transformer Rectifiers contain an internal relay so that the load output may be switched off on actuation of an external contact or the application of 24Vdc.

An additional relay may be added using the Cranford Controls R24-PCB auxiliary relay PCB.

A mains present indicator (green LED) and fault indicator (amber LED) are provided.

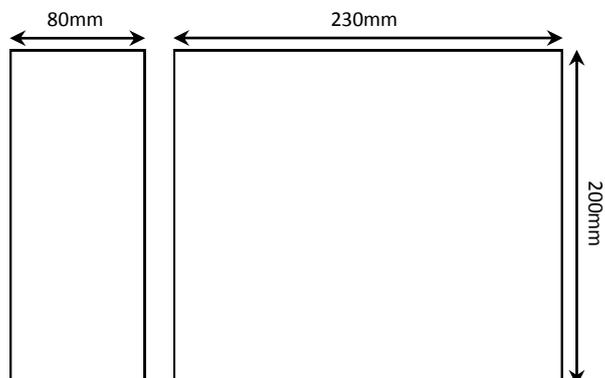
On power off the load output is automatically cut off, making it ideal for fail-safe door retaining applications.

This product is not for use with back-up batteries and should not be considered as a fully monitored power supply.

## Technical Information

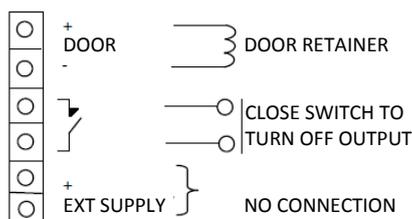
Part No.	200/2	200/4
Supply Voltage:	230Vac + 10% - 15% 50Hz nominal	
Input Current:	290mA maximum	500mA maximum
Mains Input Fuse:	T0.5A 20mm, 250Vac HBC	T1.0A 20mm, 250Vac HBC
Output Voltage:	22 - 30Vdc dependent on load	
Output Fuse Rating:	2A maximum	4A maximum
Load Output Fuse:	F2A 20mm, 250Vac HBC	F4A 20mm, 250Vac HBC
Mains Indicator:	Yes	
Output Load Switch Off:	24Vdc or volt free contact	
Temperature Range:	-10 - +40°C 95% RH non-condensing	
Case Material:	1.2mm steel, white powder coated	
Dimensions (h x w x d):	200 x 230 x 80mm	
Weight (per unit packed):	3.0kg	3.5kg

## Dimensions

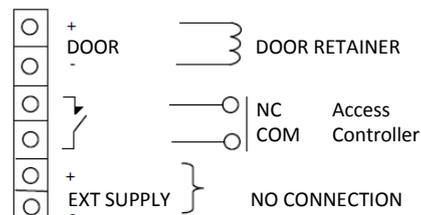


## Connections

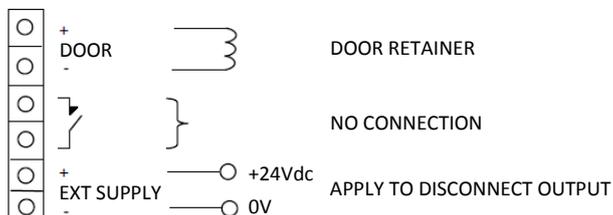
### Push Switch to Release Door Retainer



### Sounder Circuit Door Retainer



### Slave for Door Controller



***THIS PRODUCT MUST BE EARTHED.***

Connect load to LOAD terminals.

To turn off load with external contact, connect contact across centre terminals.

Load output may also be turned off by the connection of 24v dc to the SUPPLY terminals.