



# DOOR ENTRY ONLINE

SPECIALISTS IN ACCESS CONTROL SOLUTIONS

## IFR12 Double Pole Interface Relay: 1-3amp

### Introduction

The IFR12 is a simple, easy to use double pole interface relay that can operate from a wide range of input voltages (AC or DC)

### Specifications

PCB Dimensions:	50 x 45 x 14 mm
Input Voltage:	9 to 24V DC 9 to 24V AC
Output:	2 x Changeover Voltage Free Relay contacts Contact rating 120VAC/12-24VDC @ 3A

### Connection

The 2 terminals marked PWR are connected to a voltage output either AC or DC in the range 9-24V DC or 9-24V AC. This input is not polarity conscious so can be connected either way round. The two sets of three way terminals marked NC, C, NO are voltage free changeover contacts rated at 120VAC/12-24VDC @ 3A

### Operation

The IFR12 is used to convert a voltage output, AC or DC, from existing equipment to a pair of clean contact outputs. These can be used to operate additional equipment requiring a voltage free input or to switch an external power supply, for example to convert an AC output to switch a DC power supply. When a voltage is applied to the terminals marked PWR the relay will operate, when the voltage is removed the relay returns to its normal state

