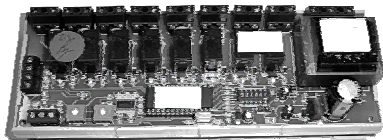
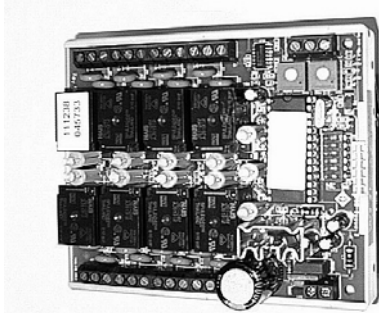


## STEP CONTROLLER MULTI-COMPRESSOR CONTROLLER

### SPECIFICATION DATA



### GENERAL

The Honeywell Step Controllers enable operation of multi-compressor refrigeration packs or condenser fans using a sequential or cyclic switching sequence.

Stage Up or Stage Down is determined via a dead band pressure switch, across a set of eight volts-free normally open contacts. The contacts provide simple step control of up to eight stages of compressor / condenser fans, with an interval maximum of six-minutes between successive starts of any switching stages.

Six bit-switches located on the board ensure easy configuration for any application. On and Off delays for compressors / condenser fans are fully adjustable using two potentiometers.

On-board LED provides illuminated status of individual relay outputs, as well as illuminated indicating for Power, Up and Down.

The Step Controllers have integral diagnostic routines to enable quick on-site fault finding.

There are two versions of the Step Controller: 24Vac or 240Vac, however each relay is capable of switching 240Vac (5A).

### FEATURES

- Sequential or cyclic switching sequence.
- 24V or 240V models.
- Provides eight volts-free normally open contacts for simple step control of up to eight stages.
- Easily set switching delays.

- Six-minute intervals between successive starts of any switching stage.
- On and Off delays for compressor / condenser fans which are fully adjustable using two potentiometers.
- Integral diagnostic routines for on-site fault finding.
- On-board LED provides status of individual relay outputs, as well as indicating power-up or down.

### SPECIFICATION

|                       |                                                                                                                                         |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Type</b>   | Multi-Compressor controller                                                                                                             |
| <b>Power Supply</b>   | 24VAC (24V only)<br>198-264Vac, 50Hz, 4VA (240V only)                                                                                   |
| <b>Relay Contacts</b> | Normally open volts-free 24VAC, 5A resistive, 2A inductive (24V)<br>Normally open volts-free 240VAC, 10A resistive, 2A inductive (240V) |
| <b>Input</b>          | Volt-free dead band pressure switch                                                                                                     |
| <b>Step Interval</b>  | Adjustable:<br>Fans – 0 to 3 seconds<br>Compressors – 20 seconds to 3 minutes                                                           |
| <b>Reset</b>          | Controller resets (all output contacts open) when power is interrupted                                                                  |
| <b>Dimensions</b>     | 112 mm x 93 mm x 30 mm (24V)<br>200 mm x 73 mm x 43 mm (240V)                                                                           |
| <b>Fixing</b>         | Four 4 mm holes @ 102 x 83 or DIN rail mounting (24V)<br>Four 4 mm holes @ 190 x 60 or DIN rail mounting (240V)                         |

### APPLICATIONS

- Compressor Packs
- Condenser Fans
- Stand-by Controller

### ORDERING INFORMATION

| Part Number | Description          |
|-------------|----------------------|
| 191238      | Step Controller 24V  |
| 191180      | Step Controller 240V |



# Honeywell

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**Automation & Control Solutions**

Refrigeration Control  
Newhouse Industrial Estate  
Motherwell  
Lanarkshire ML1 5SB  
United Kingdom  
Tel: +44 (0) 1698 481698  
Fax: +44 (0) 1698 481699  
[www.honeywell.com/refrigeration](http://www.honeywell.com/refrigeration)

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