

# **HIRETECH<sup>®</sup>**

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## **HT8 MULTI-SPEED TYPE & FAULT IDENTIFICATION**



PRINTED IN THE UK

### **TECHNICAL INFORMATION**

## HT8 MULTI-SPEED SPECIFICATION

The Hiretech Multi-Speed control provides both on/off switching of the floor sander and the choice of four operating speeds in a simple, easy to use configuration. Additional functionality comes in the form of 'no volt start' that prevents accidental start-up when the power cord is connected to the power supply. Motor stall protection, operating within just 1.5 seconds of a stall event. Motor overload protection and run-time management provided by service indicator lights via the four speed-selector buttons.

## TYPE

### 230 VOLT AC TRIAC

Current Hardware Version 7.2

Current Software version Rev.11

Heat Sink Drawing: 024527-6

General Arrangement Drawing: TRIACGA1-v7.2

### 115 VOLT AC TRIAC

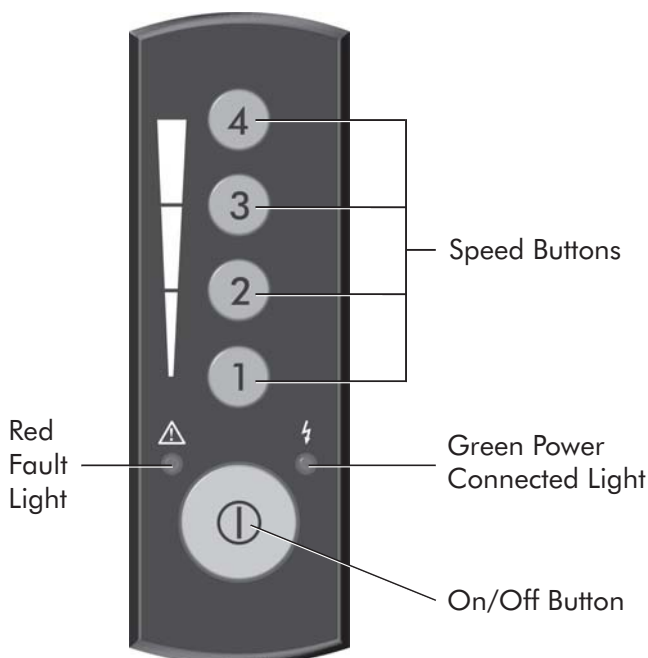
Current Hardware Version: 7.2

Current Software version Rev.:11

Heat Sink Drawing: 024527-6

General Arrangement Drawing: TRIACGA1-v7.2

## HT8 MULTI-SPEED CONTROL UNIT (SWITCH)



## FAULT IDENTIFICATION

The red 'fault' light on the Multi-Speed control will flash in sequence depending on the fault identified by the controller as follows;

### 230 VOLT

1. Flash = Overload - Single flashing (around 40 flashes per minute)
2. Flash = Over temperature - (Thermistor) double flash (around 40 groups per minute)
3. Flash = Under voltage – Below 200v Triple flash (around 40 groups per minute)
4. Flash = Buttons/Ribbon Cable Fault – Quadruple flashes (around 40 groups per minute)
5. Flash = Frequency outside limits - groups of five flashes (around 40 groups per minute)

### 115 VOLT

This version automatically adjust the running speed settings to suit the frequency to which the unit is connected. For example 50Hz for UK and 60Hz for North America.

1. Flash = Overload - Single flashing (around 40 flashes per minute)
2. Flash = Over temperature - (Thermistor) Double flash (around 40 groups per minute)
3. Flash = Under voltage – Below 90v Triple flash (around 40 groups per minute)
4. Flash = Buttons/Ribbon Cable Fault – Quadruple flashes (around 40 groups per minute)
5. Flash = Frequency outside limits - groups of five flashes (around 40 groups per minute)