

The ENTRON logo is displayed in a bold, black, sans-serif font. Above the letters 'ENTRON' is a thick red horizontal bar. A small 'TM' trademark symbol is located to the right of the word.

ENTRON™

Data Sheet

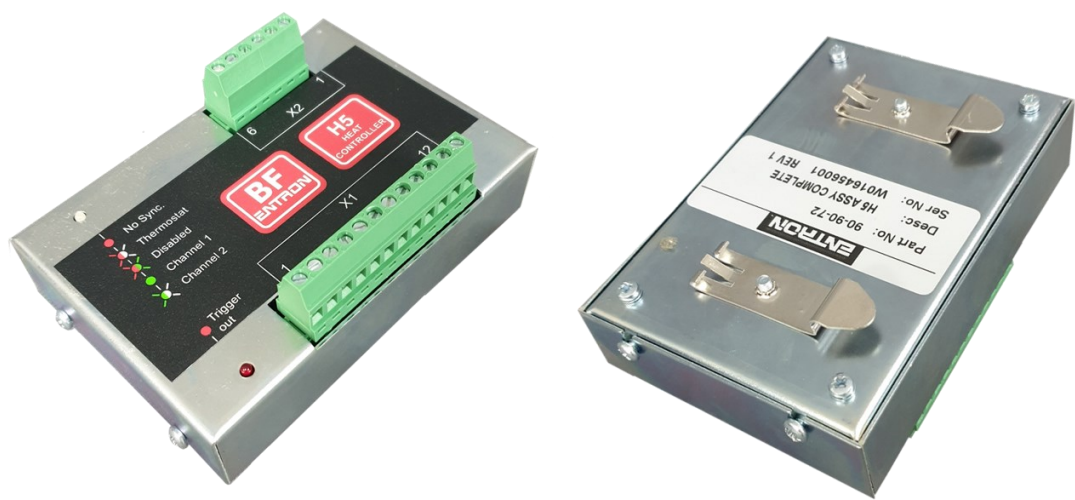
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Product Model

H5 Heat Control

July 15, 2025

1 H5 Heat Control



The H5 is a small accessory unit which can be used to control any pulse driven thyristor (SCR) contactor or AC switch. The H5 can be applied to any situation requiring control of an AC switch, such as resistance welding equipment, industrial process heating etc.

Typical Applications

Flash Welding



Annealing



Upsetting



Feature Table

features	benefits
0 to 10 V control inputs.	Easy control from a potentiometer or automation systems
Continuous or timed operation.	Versatile
Timer function 0...1 s / 0...10 s.	Precise control
50/60 Hz operation	International
Synchronous heat / tap change.	Dual outputs make it easy to dynamically switch transformer taps.
1st half-cycle delay.	Soft start. Minimises inrush transients.
Handshake signals.	Easy integration for automation.
Din-rail mounting	Simple installation
Thermal contact input.	Protects Thyristors and/or Transformer.
Diagnostic indication	Maintenance friendly.
2-part plug-in terminal block connectors	Easy connection
10V reference output	Direct connection of control potentiometers.

Advanced Resistance
Welding Control Systems

2 Technical Support

2.1.1 Internet

The latest version of the documentation and other helpful resources in the ENTRON Document Library page found in the Resource section of the ENTRON website: <https://www.entroncontrols.com>

2.1.2 Documentation Request

Documentation, user instructions and technical information can be requested by emailing ENTRON Controls at customerservice@entroncontrols.com or support@entroncontrols.com.

Please include your name and email

2.1.3 Service and Technical Support

For service and technical support, we request that customers fill out the Technical Support Form found on our website at link below:

NOTICE



TECHNICAL SUPPORT FORM LINK

<https://www.entroncontrols.com/resources/technical-support.html>

After the web form has been completed, your case will be assigned to one of our technical specialists who will contact you directly.

ENTRON Controls can also be contacted by phone or email:

- Phone: +1-864-416-0190
- Email: tech.support@entroncontrols.com