

# SBC 1.0

Single Burner Control

SBC 1.0-1  
Edition 10/10



- Single Burner Control
- Configurable
- Flame supervision
- Temperature control
- Safety limits
- Applicable to many actuators and burners
- Wide range of applications

The Hauck SBC 1.0 offers fundamental control items for single burner combustion systems with the added flexibility of configured features.

At the core of all versions of the SBC 1.0 is the Kromschöder IFD 258 Flame Relay. The IFD 258 provides basic flame supervision for UV or flame rod devices with convenient indication for status, faults, and flame signal strength.



SBC 1.0 control panel internal view.

### Standard Components

All SBC 1.0 panels are equipped with the following basic hardware:

- IFD 258 Flame Relay
- Relay Logic
- NEMA 4 Enclosure
- High temp limit
- Purge Timer
- Low Fire Hold
- Limits Set Push button



Kromschöder IFD 258 Flame Relay

### Applications

- Rotary Dryers
- Oxidizers
- Incinerators
- Air Heaters
- Fluidized Beds
- Package Burners
- Low Cost Retrofits

### Configured Items

- Position proportional or 4-20ma output temperature controller (1/4 DIN)
- Combustion air start/stop push buttons\*
- Dual fuel pilot ignited or gas fired direct spark ignition
- Nozzle purge (heavy oil burners)
- Panel enclosure heater
- J or K thermocouple terminals
- UV or flame rod flame detection \*\*

\* Motor starter not included

\*\* Flame rod for gas only

For additional information on this product, visit our website at:

[www.hauckburner.com](http://www.hauckburner.com)

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