

## 600-IFD-140-SRS FLAME RELAY



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# FLAME DETECTION SYSTEM

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### KEY FEATURES

- Flame ionization detection module
- Small dimensions
- Power supply: 115VAC or 230VAC 50Hz/60Hz selected by an internal voltage selector switch
- Degree of protection: IP20
- Input: from any ionization rod
- Installation type: for DIN bar
- Coloured LED bar graph 10 segment for flame strength indication
- SIL 2 - the output safety function includes the series of the contacts of the internal relays

### ELECTRICAL FEATURES

- Very low power consumption: approx. 15VA
- 115VAC or 230VAC power supply on the same model
- 2 NO contacts for flame status (flame on/off)
- Flame Failure Response Time (FFRT) EN 298:2012
  - 0 second (suggested for gas burners)
  - 3 seconds (suggested for oil burners)

### OPTIONS

- Ionization probe
- Ionization cable
- Ex d version

### MECHANICAL FEATURES

- Electronic circuits
- Operating temp. range: -40°C to +85°C
- Dimensions: 45x75x110mm
- Unit weight: 250g
- Enclosure: PVC
- Connections: screw terminals

### INSTALLATION

- Inside control local panel

### APPLY TO

- Flares
- Boilers
- Burners

### INTERNATIONAL REGULATION

- CE marking

### MANUFACTURER

Combustion and Energy Srl  
Part number: 600-IFD-140-SRS

