DESCRIPTION

The IRIS 600 flame ionisation relay is used in conjunction with a flame rod to detect the presence of a flame. It incorporates the following features:-

- Ten segment bargraph display to indicate flame strength. The flame relay will energise when the fourth bargraph segment from the bottom illuminates.
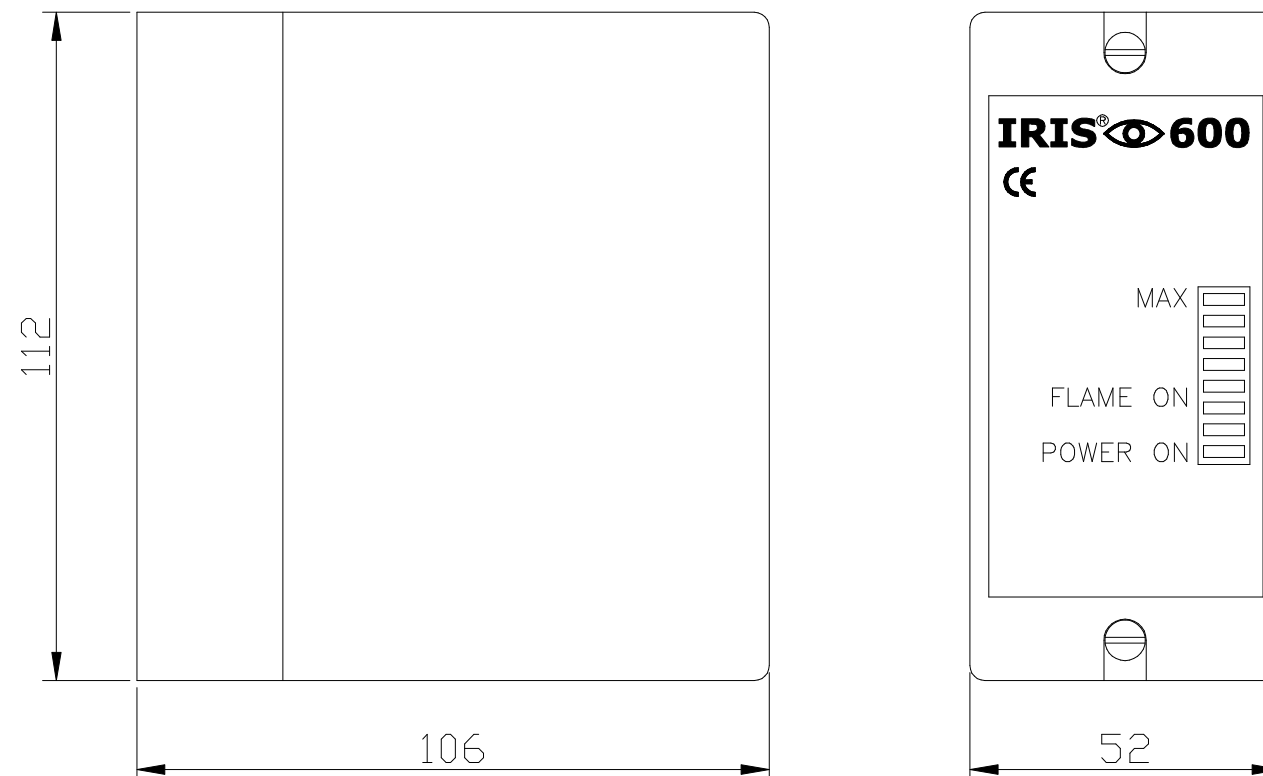
- Plug-in, for ease of maintenance.

- Voltage selector switch 110/230V AC. This is accessible by removing the relay from its base.
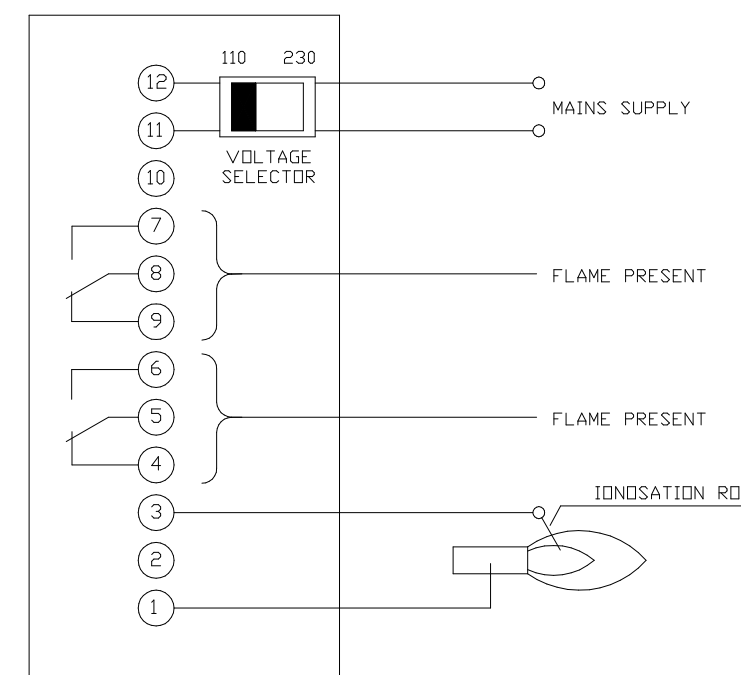
- Power On indication (bottom segment of bargraph)

SPECIFICATION

Power Supply:	110 volts 50/60Hz. or 230 volts 50/60Hz.
Voltage Tolerance:	+10% to -15%
Power Consumption:	8VA
Ambient Temperature:	-20 to +70°C
Degree of Protection:	IP40
Contact Rating:	1 amp @ 24V DC 0.5 amp @ 110/230V AC
Flame Failure: Response Time	Less than 1 second

IRIS 600 DIMENSIONS

1. Disconnect the power supply before commencing the installation

2. Never mount the IRIS 600 adjacent to an ignition transformer.

3. The IRIS 600 can be mounted in any plane. Consideration should be given to wiring and servicing.

4. Ensure that the voltage selector is set to the correct voltage (110 or 230V AC) before turning the system on.

5. Verify that the installation conforms to local electrical regulations.

INSTALLATION

IRIS 600 FLAME IONISATION
RELAY CONNECTION DIAGRAM

IRIS® 👁
FLAME MONITORING   Weidmüller 🌓® Klippon®   A.T.X. ® 🎗 ROSE ⊖® HAZARDOUS   AREA   TESI® IGNITION EQUIPMENT