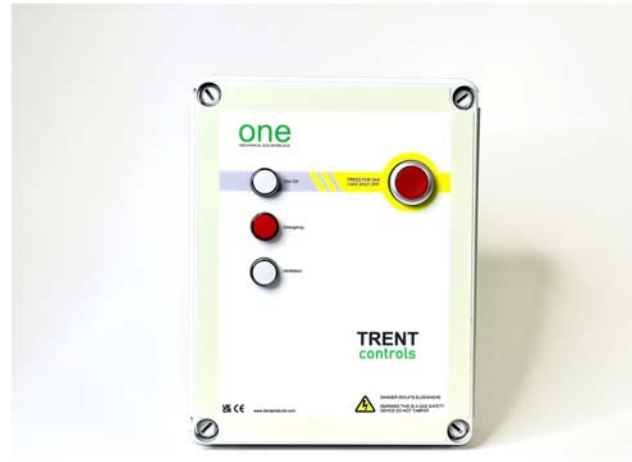


TRENT - one

Gas Interlock

Mechanical gas interlock for commercial kitchens
Suitable for all types, sizes and number of fans.

- Compatible with air pressure or current switches
- Emergency circuit and fire alarm terminals
- Auto-reset in the event of a failure



	Description	Specification
Fan monitoring input	Current switches	0.5 to 200A
	Air differential pressure switches	20kPa to 300kPa
Voltage		230V AC
Maximum Current		6.3A (fuse rating, type F)
Connection	Screw terminals, rising clamp	4mm ²
Operating temperature		-40 to 105°C
Ingress Protection		IP56
Dimensions		255mm (H) x 200mm (W) x 120mm (D)

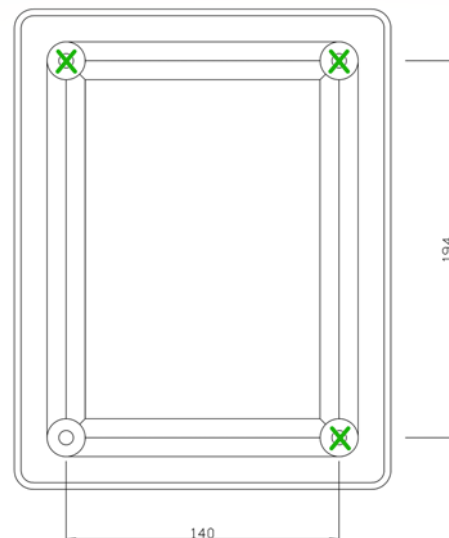
Mounting instructions

Mount on a clean flat surface, use the three fixing points marked 'X'

Cable Entry

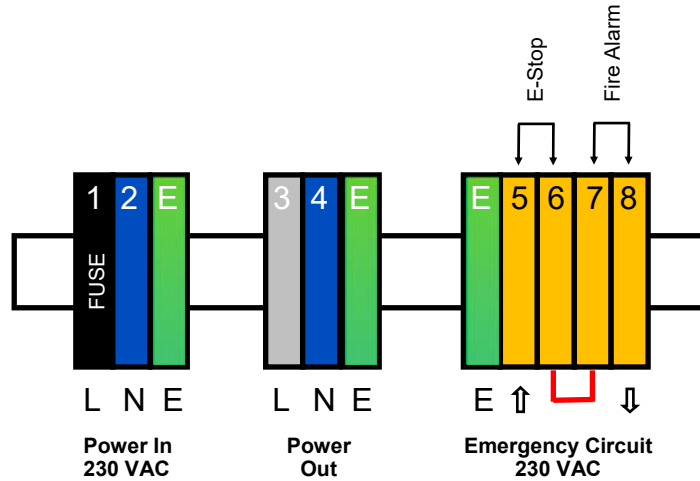
Take care not to damage components or wiring when drilling entry points.

Use a proprietary cable gland with an IP rating of IP56 and above to maintain the ingress protection of the device.



TRENT - one

Important Note - Auto-reset of the gas supply, only suitable for use with flame failure devices.



Set up

Current Switches

Run the fans and use a clamp meter to find the minimum current draw by adjusting fan speed from max to min. Minimum current is not always at the lowest fan speed. To set current switches, adjust the potentiometer until the lamp changes from green (off) to red (on) Turn anti-clockwise one turn, to add a safe working tolerance.

Air differential pressure switches

Run the fans at minimum speed and adjust the setpoint dial until the ventilation lamp illuminates. Add a safe working tolerance.

Operating Instructions

Enable gas supply

Ensure that the fans are running
Emergency circuits are healthy

Press the RED push button for gas

Lamp Status

Ventilation ON
Emergency OFF

Gas ON

Disable gas supply

Press the RED push button again

Lamp Status

Gas OFF

Fault Diagnosis

Ventilation OFF - Fan fault exceeding 30 seconds causes the gas supply to shut off

Emergency ON - Emergency condition (open circuit) will immediately cause the gas supply to shut off
To rectify, reset emergency stop buttons (twist to release) and check fire alarm circuit.