

EXHAUSTO

Relay Box ES 12

Description

EXHAUSTO ES 12 is a multiple-appliance control panel that is used to interlock multiple appliances with a Chimney Automation System, a Mechanical Dryer Venting System or a Modulating Combustion Air System. The control is used where an intermittent operation is required.

The control will allow interlocking of up to four appliances. For applications involving more than four appliances multiple ES 12's can be used when wired in parallel.

Functions

Used with a Chimney Automation System or a Mechanical Dryer Venting System, the ES 12 and the EBC 12 will start the chimney fan when one of the connected appliances calls for heat. When sufficient chimney draft has been achieved, the appliance(s) will be released. Should the chimney draft fall below the set-point, all boilers will be disconnected.

If used with a Modulating Combustion Air System the ES 12 and the EBC 12 will start the air supply ventilator when one of the connected appliance(s) calls for heat. When sufficient boiler room pressure has been achieved, the appliance(s) will be released. Should the boiler room pressure fall below the set-point all boilers will be disconnected.

ON and OFF operation of the appliances can take place independently.

All terminals have a LED for fail-safe supervision and easy troubleshooting.

Through the use of Opto-couplers, each terminal connection will accept 10-120V AC/DC, which makes the control extremely flexible. For example: a boiler with 24VDC control circuit can be connected next to the terminal serving a boiler with 120VAC control circuit without changing any relays.



Material

The housing is made of plastic and has a clear cover. It has an IP54/NEMA 12 rating.

Warranty

2 year factory warranty.

Listings

ETL-listed to:

UL508 - Standard for Industrial Control Equipment (ETL Report J98*12993-001)

CSA C22.2 No. 14-95 - Standard for Industrial Control Equipment (ETL Report J98*12993-001)

Specifications

Power Supply	1 x 120 V AC	
Contact Rating	Max. 8 Amp @ 230 V AC	
Terminal Voltage Range	10-120 V AC/DC	
Operating Temperature	-4°F to 104°F/-20°C to 50°C	
Dimensions	A in/mm	6.9/174
	B in/mm	5.6/143
	C in/mm	3.0/75
Weight	1.6 lbs/0.75 kg	

