

ENERVEX®

ES 12 RELAY BOX

3912009 03.16

Product Information

Use

ES 12 is a multiple-appliance control panel that is used to interlock EBC controls with multiple appliances.

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

Description

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

If used with a Modulating Combustion Air System the ES 12 and the EBC 31 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 appliances will be shut off.

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.

Listings

The ES 12 Relay Box is ETL Listed in the U.S. and Canada under file no. 302882A:

- UL 378 Standard for Safety Draft Equipment
- UL 508 Standard for Industrial Control Equipment
- CSA C22.2 No. 14-95 Standard for Industrial Control Equipment (ETL Report J98*12993-001)

Warranty

2-Year Factory Warranty. Complete warranty conditions are available from ENERVEX Inc.



Intertek

ETL File 302882A



ENERVEX Inc.
1685 Bluegrass Lakes Parkway
Alpharetta, GA 30004
USA

P: 770.587.3238
F: 770.587.4731
T: 800.255.2923
info@enervex.com
www.enervex.com

ENERVEX®
VENTING DESIGN SOLUTIONS

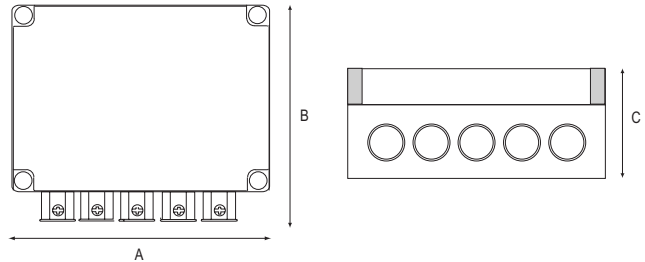
ENERVEX[®] ES 12 RELAY BOX

3912009 03.16

Product Information

Specifications

ES 12 Relay Box			
Power Supply		V	1x120V AC
Max. Contact Rating			8 Amp @ 230 VAC
Terminal Voltage Range			10-120 VAC DC
Operating Temperature		°F/°C	-4 to 122/-20 to 50
Dimensions	A	in/mm	6.9/175
	B	in/mm	5.6/143
	C	in/mm	3.0/75
Weight		lbs/kg	1.6/0.75



Specifications are subject to change without notice.

ENERVEX Inc.
1685 Bluegrass Lakes Parkway
Alpharetta, GA 30004
USA

P: 770.587.3238
F: 770.587.4731
T: 800.255.2923
info@enervex.com
www.enervex.com

ENERVEX[®]
VENTING DESIGN SOLUTIONS

