

E2512, E2522 and E2532 GRILLS

INSTALLATION and SERVICING INSTRUCTIONS



IMPORTANT

The installer must ensure that the installation of the appliance is in conformity with these instructions and National Regulations in force at the time of installation. Particular attention **MUST** be paid to -

BS7671 IEE Wiring Regulations
Electricity at Work Regulations
Health And Safety At Work Act
Fire Precautions Act

This appliance has been CE-marked on the basis of compliance with the Low Voltage and EMC Directives for the voltages stated on the Data Plate

WARNING -THIS APPLIANCE MUST BE EARTHED

On completion of the installation these instructions should be left with the Engineer-in-Charge for reference during servicing. Further to this, The Users Instructions should be handed over to the User, having had a demonstration of the operation and cleaning of the appliance.

IT IS MOST IMPORTANT THAT THESE INSTRUCTIONS BE CONSULTED BEFORE INSTALLING AND COMMISSIONING THIS APPLIANCE. FAILURE TO COMPLY WITH THE SPECIFIED PROCEDURES MAY RESULT IN DAMAGE OR THE NEED FOR A SERVICE CALL.

PREVENTATIVE MAINTENANCE CONTRACT

In order to obtain maximum performance from this unit we would recommend that a Maintenance Contract be arranged with **SERVICELINE**. Visits may then be made at agreed intervals to carry out adjustments and repairs. A quotation will be given upon request to the contact numbers below.



WEEE Directive Registration No. WEE/DC0059TT/PRO

At end of unit life, dispose of appliance and any replacement parts in a safe manner, via a licenced waste handler.

Units are designed to be dismantled easily and recycling of all material is encouraged whenever practicable.

Falcon Foodservice Equipment

HEAD OFFICE AND WORKS

Wallace View, Hillfoots Road, Stirling. FK9 5PY. Scotland.

SERVICE CONTACT -

PHONE - 01438 363 000 FAX - 01438 369 900

T100483 Ref. 2

Warranty Policy Shortlist

Warranty does not cover :-

Correcting faults caused by incorrect installation of a product.

Where an engineer cannot gain access to a site or a product.

Repeat commission visits.

Replacement of any parts where damage has been caused by misuse.

Engineer waiting time will be chargeable.

Routine maintenance and cleaning.

Gas conversions i.e. Natural to Propane gas.

Descaling of water products and cleaning of water sensors where softeners/conditioners are not fitted, or are fitted and not maintained.

Blocked drains.

Independent steam generation systems.

Gas, water and electrical supply external to unit.

Light bulbs.

Re-installing vacuum in kettle jackets.

Replacement of grill burner ceramics when damage has been clearly caused by misuse.

Where an engineer finds no fault with a product that has been reported faulty.

Re-setting or adjustment of thermostats when unit is operating to specification.

Cleaning and unblocking of fryer filter systems due to customer misuse.

Lubrication and adjustment of door catches.

Cleaning and Maintenance

- Cleaning of burner jets
- Poor combustion caused by lack of cleaning
- Lubrication of moving parts
- Lubrication of gas cocks
- Cleaning/adjustment of pilots
- Correction of gas pressure to appliance.
- Renewing of electric cable ends.
- Replacement of fuses
- Corrosion caused by use of chemical cleaners.

SECTION 1 - INSTALLATION

UNLESS OTHERWISE STATED, PARTS WHICH HAVE BEEN PROTECTED BY THE MANUFACTURER ARE NOT TO BE ADJUSTED BY THE INSTALLER

1.1 MODEL NUMBER, NETT WEIGHTS and DIMENSIONS

MODEL	WIDTH mm	DEPTH mm	HEIGHT mm	WEIGHT kg	WEIGHT lbs
E2512	700	560	510	48	106
E2522	900	560	510	77	170
E2532	785	330	325	31	68

1.2 SITING

Installation should be made in accordance with local and/or national regulations applying at the time and a competent installer must be employed. There should be a clearance of 200mm from any wall or object liable to damage from overheating and 75mm clearance should be left from any wall to allow removal of the side panels for maintenance.

In the event of a requirement to position this appliance in close proximity to a wall, partition, kitchen furniture or decorative finish, etc. it is recommended that these be constructed of a non-combustible material. If this is not possible then these surfaces require to be clad in a non-combustible, heat insulating material. Close attention must be paid to fire prevention regulations.

The grill should be installed level and in a well lit position with adequate ventilation. Bench mounting legs are available for installing the grill on a working surface. When these are used, it is essential that they be secured to the surface, using fixings provided.

Mounting

The grill can be mounted upon:

A specially designed eye level floorstand.

Legs: 230mm or 336mm high.

A wall bracket.

Note

The appliance must NOT be mounted directly on to a combustible surface.

1.3 WIRING THE APPLIANCE

Warning

THIS APPLIANCE MUST BE EARTHED

A cable entry suitable for 20mm conduit is situated in the unit rear at the RH side. To gain access to the terminals, the top facia and the vertical switch panel must be removed. The facia is secured on the underside and the vertical switch panel secured by one fixing at the bottom.

Additional access can be obtained if required by removing top panel, according to procedure described under heading 'Maintenance of Elements'.

Mains connection must be made via a suitably rated isolating switch with a contact separation of at least 3mm on all poles. The use of heat resistant cable is recommended. Wiring should be in accordance with current IEE Wiring Regulations.

Particular attention must be paid to providing adequate and effective earthing using the earth terminal provided. When connecting the E2522 model to a single phase supply, link terminals L1 and L2 to form the 'line' terminal.

1.4 ELECTRICAL LOADINGS

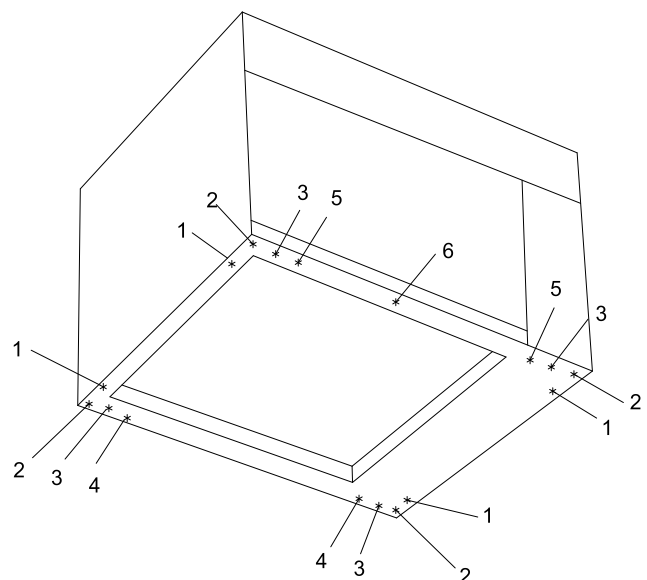
The electrical loading is stated on unit data plate.

SECTION 2 - ASSEMBLY

2.1 GRILL MOUNTING INSTRUCTIONS

2.1.1 Wall Mounting

The installer must ensure that the wall on which the grill is to be mounted is suitable to carry the weight and can be suitably plugged to take No.8 x 50mm wood screws (minimum length). Hold shelf against wall as a template at required height. While keeping top surface horizontal, mark fixing positions. Remove shelf and drill wall to receive suitable plugs for No.8 screws. Secure shelf in position and place grill on shelf. Secure grill using fixings provided via holes 4 and 6 and the corresponding holes in grill base.



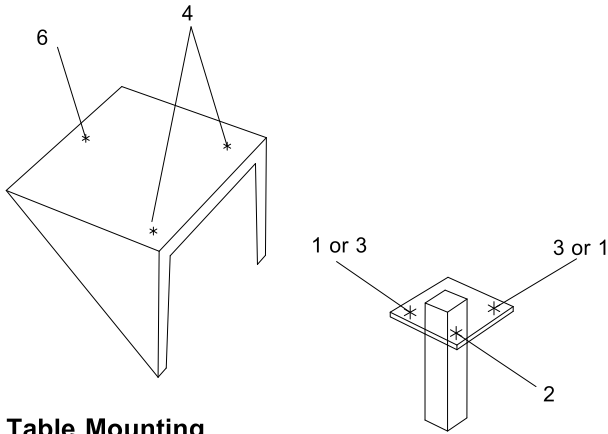
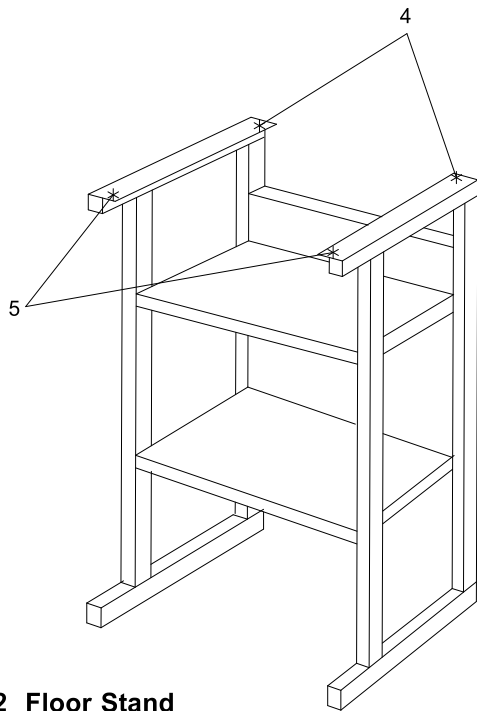


Table Mounting

Lay grill on its back carefully. Remove Fixing 1 from unit base. Insert fixings through holes 1, 2 and 3 of leg plate to corresponding holes in grill base. Stand appliance upright on legs.



2.1.2 Floor Stand

Assemble stand as detailed on instruction sheet. Lift grill on to angled cross pieces.

Secure through holes 4 and 5 to corresponding holes in grill base.

Adjust levelling feet until stand sits firmly and level.

SECTION 3 - SERVICING

Before attempting any maintenance, isolate unit at main switch. Take steps to ensure that it cannot inadvertently be switched on.

3.1 MAINS INDICATOR LAMP

An indicator neon is located on the control panel and must be replaced if failure occurs. Undo bottom fixing and remove panel. Ease panel down from behind top fascia. Remove 2 lamp connections. Connect replacement neon and replace control panel.

3.2 ELEMENTS

3.2.1 E2512/2522 Models

These units are fitted with a number of identical elements which may be replaced individually. To replace a faulty element, proceed as follows:

Undo fixings on control panel underside. Ease panel out at the bottom and lift it up, away from the top retaining screws.

Undo back panel fixings and remove panel.

Remove fixings from both sides of element control bracket, gaining access from the front of the unit.

Undo fixings which secure element to rear inner panel and withdraw element.

Fit replacement element and replace additional parts in reverse order.

3.2.2 E2532 Model

This model is fitted with a single element. To replace a faulty element, proceed as follows:

Undo fixings on top front fascia and remove.

Undo fixings on control panel top and underside and remove. Remove fixings at top panel rear and front. Support rear panel until top is removed. Undo fixing at bottom of rear panel and remove.

Remove heat shield above elements (secured by 2 toggle brackets, one at either side). Remove element connections at terminal posts. Undo fixing which secures element to RH side panel and withdraw element. Fit replacement element and replace panels which have been removed to gain access.

3.3 ENERGY REGULATOR

Remove knob and control panel. Undo screws which secure regulator to control panel and remove regulator. Note wire connection locations and transfer each to corresponding position on the control. Fit replacement control to panel and re-fit panel.

3.4 RELAY

3.4.1 E2512/E2522 Grills - To Replace

Undo back panel fixings and remove panel.

Undo fixings which secure relay to bracket and remove relay.

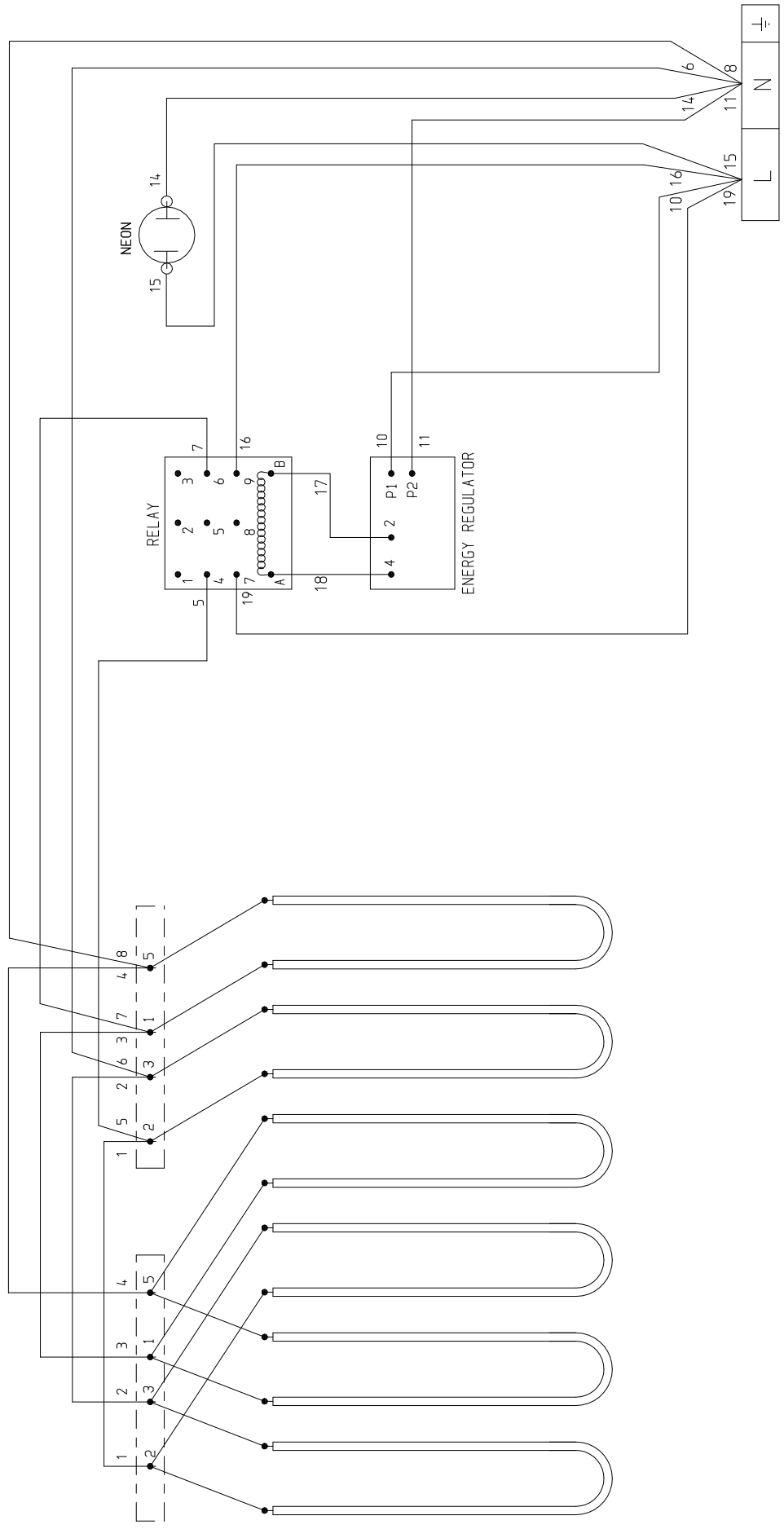
Note wire connections and locations and transfer each to the corresponding position on the new relay.

Secure mounting bracket and replace panels in reverse order.

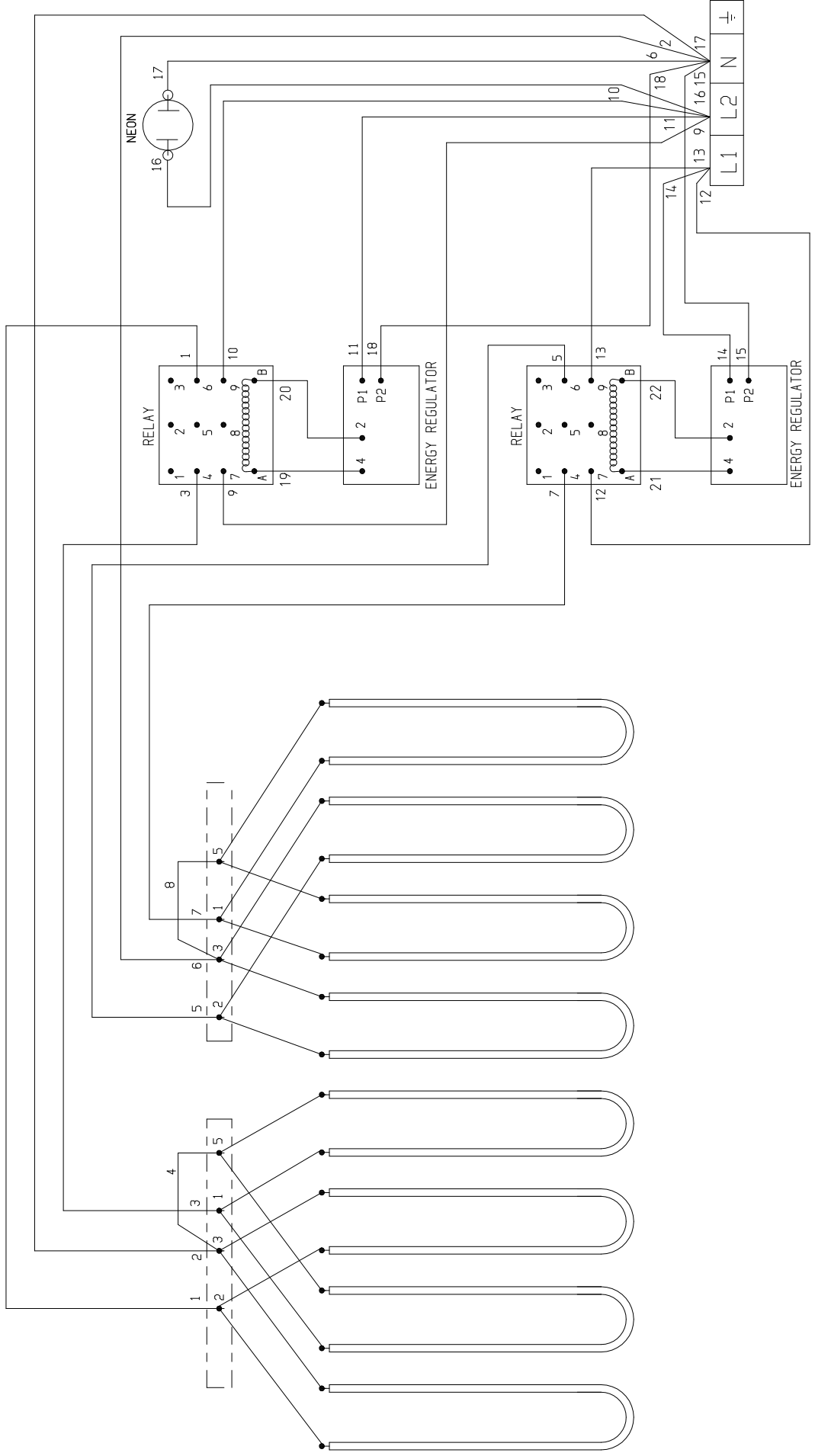
3.4.2 E2532 Grill - To Replace

Remove top, control and outer side panels. Relay can now be removed from the bracket by undoing fixing nut. Note connection locations and transfer wires to replacement relay. Secure to mounting bracket and replace panels in reverse order.

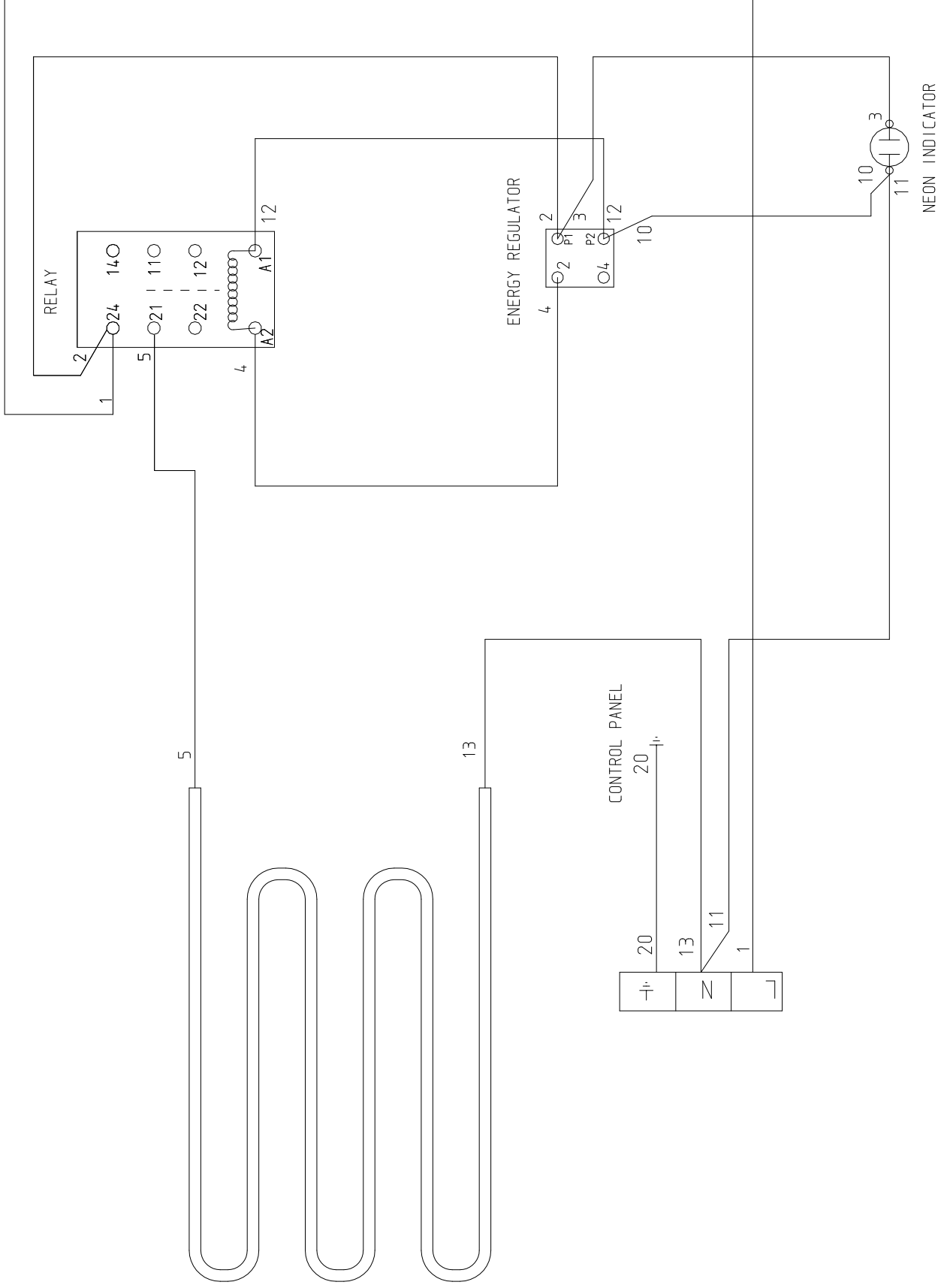
**E2512 WIRING DIAGRAM
BW41497**



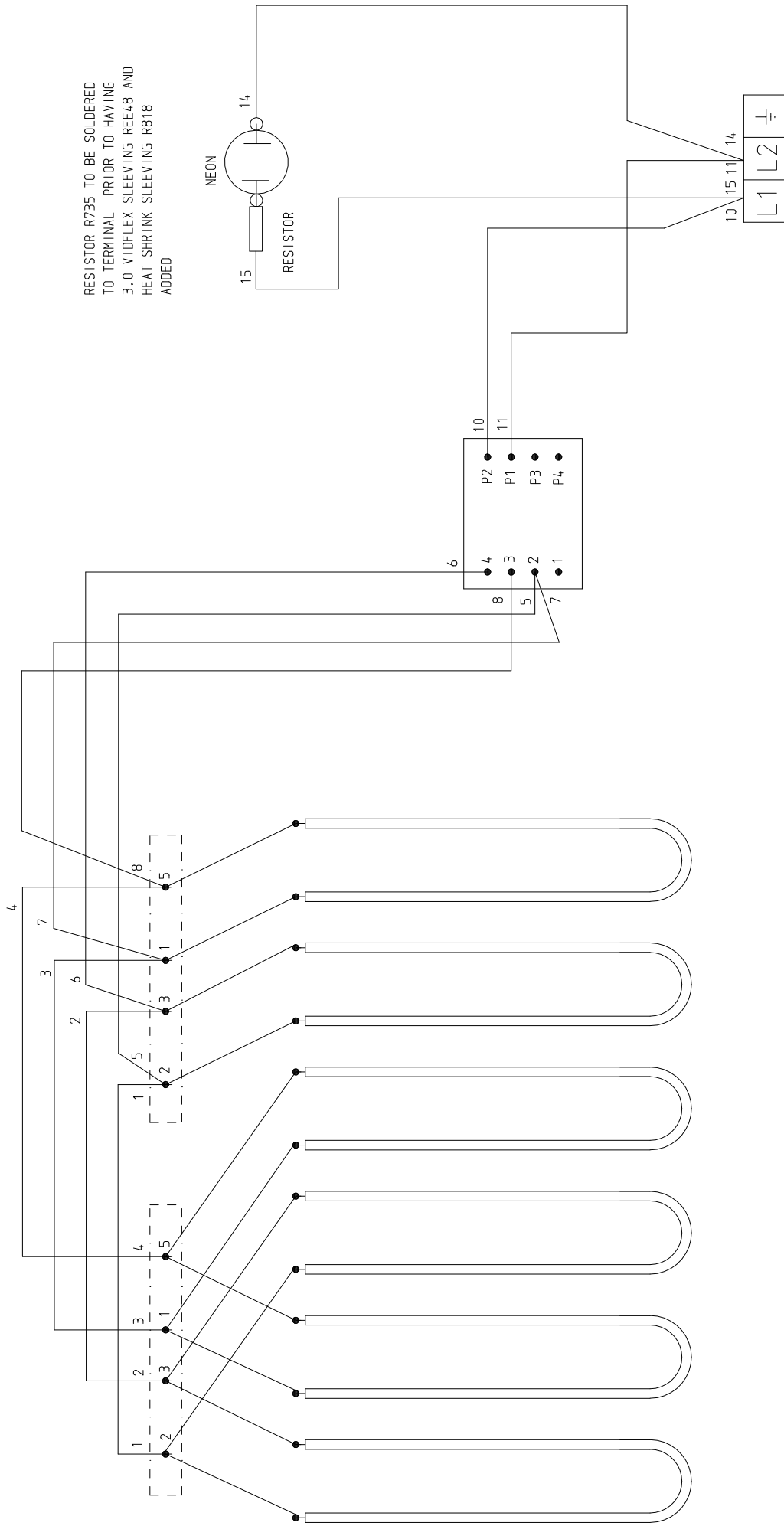
**E2522 WIRING DIAGRAM
BW41378**



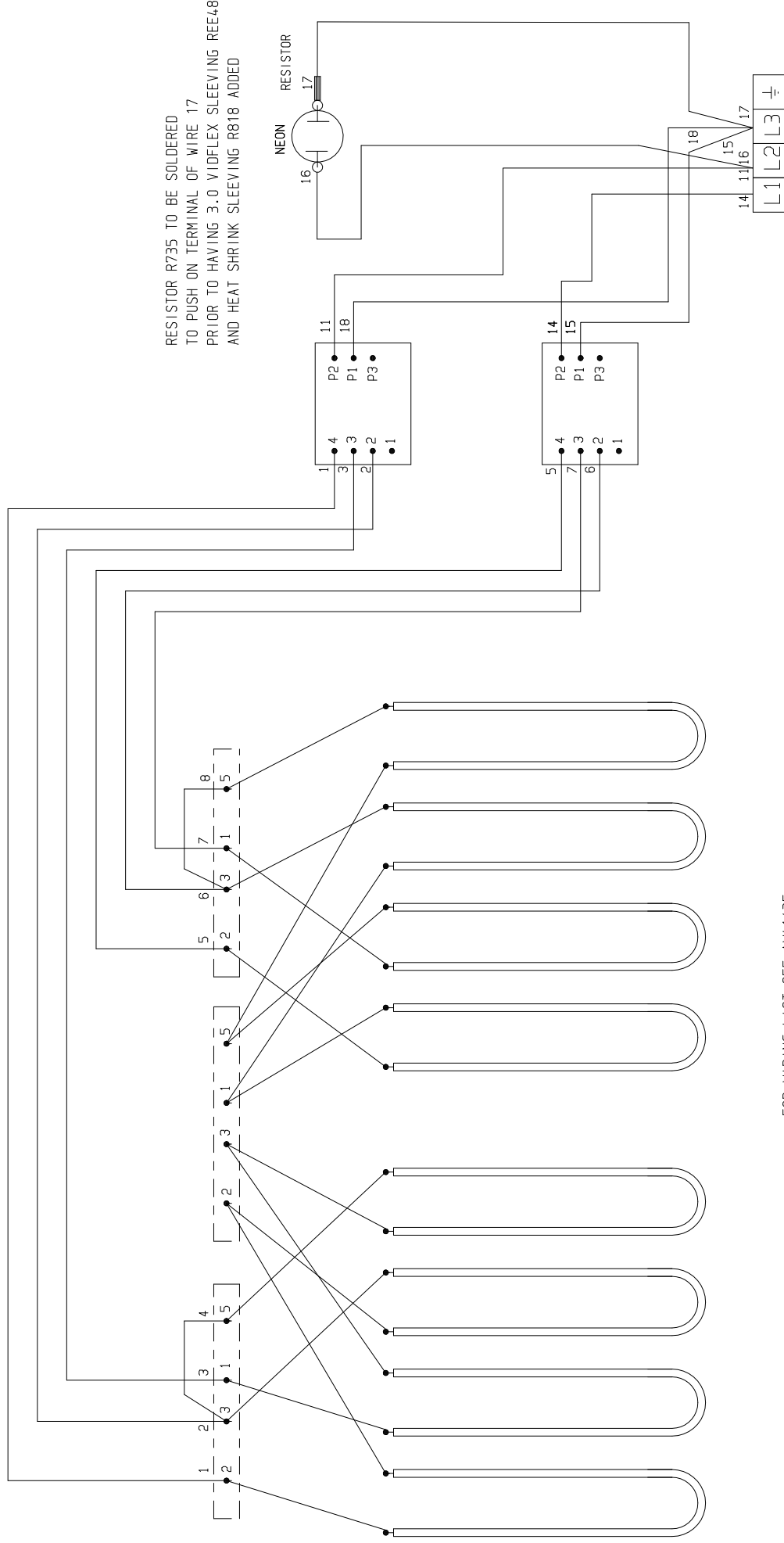
**E2532 WIRING DIAGRAM
BW41457**



**E2512 - TWO PHASE/NO NEUTRAL
OFFSHORE WIRING DIAGRAM - BW41632**



**E2522 - THREE PHASE/NO NEUTRAL
OFFSHORE WIRING DIAGRAM - BW41634**



FOR WIRING LIST SEE AW41635

E2522 - TWO PHASE AND NEUTRAL
OFFSHORE WIRING DIAGRAM - BW43786

