

METAL MELTER

TYPE: TE 5

SERIAL NUMBER: 2036

DATE OF SUPPLY: August 2018

VOLTAGE: 230v Single Phase.

WATTAGE: 750w

Instruction

Plug into an earthed supply.

Operation

Fill with metal

Set the temperature controller to the temperature recommended by the metal supplier.

Please see separate instructions for controller.

Switch off when not in use to conserve power and extend the life of the metal.

Maintenance

Keep the melter clean internally and externally.

Inspect cable regularly for damage.

To dismantle the melter - turn upside down and remove central nut thus allowing base plate to be removed, giving access to insulation, element etc.

Parts list

2200 *OMRON E5CC-RX3A5M-000 TEMP. CONTROLLER

0443 *OMRON G7L-1A-T 200/240VAC RELAY

0267 *THERMOCOUPLE "K" 3mmDIAx100m

0263 *SWITCH DPST - ILLUMINATED ROCKER RED each

0860 *3 CORE SILICONE MAINS CABLE 1.5mm

0841 *MAINS PLUG UK 13amp BLACK

1245 *FUSE - (1" x 1/4") 10amp MAINS

0938 *FUSE - (20x5mm) 10AMP

SN15258 *FUSE HOLDER - BULGIN FX0359 (20mm FUSE)

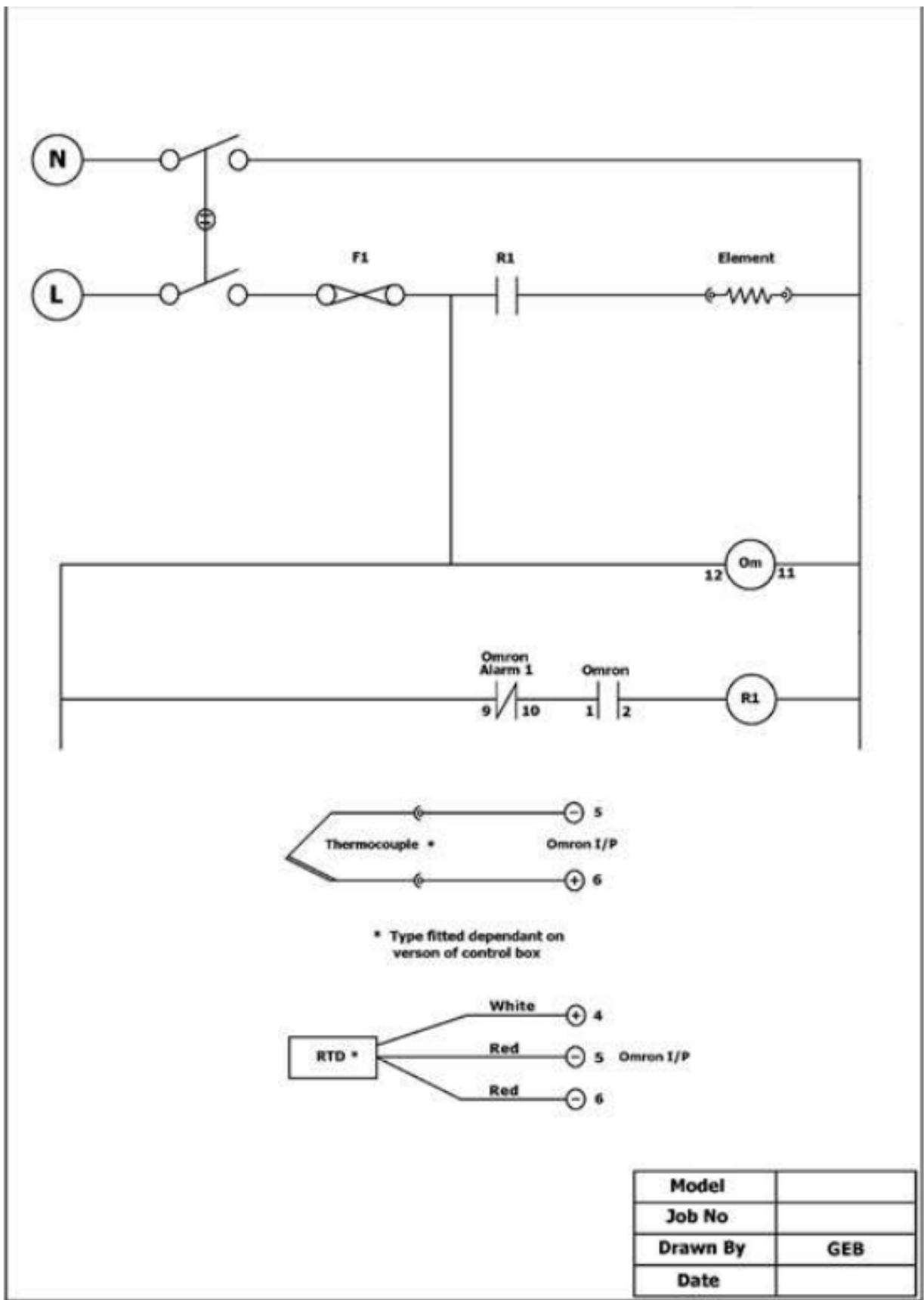
Element

Element shroud clamp

Please state melter type and serial number when ordering spares element and shroud.

TESTING

In the event of appliance failing portable appliance testing due to decreased insulation resistance. Switch on appliance at 100/120⁰C and leave for a few hours to drive moisture from the elements and then reset. Appliance should be stored in a dry area.



Model	
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Drawn By	GEB
Date	

ELECTRICAL CIRCUIT DIAGRAM

DIGITAL CONTROLLER OPERATING INSTRUCTIONS



- To increase temperature of the controller, press the right-hand button until the green indicator reads the desired set point.
- To decrease the temperature, press the second button from the right until the green indicator reads the desired set point.
- The White indicator indicates the actual temperature.
- The Green indicator indicates set point.
- These are the only two buttons you need to use, the other buttons are used to set the programming which is set at SEBA for optimum use and are locked.
- Removing the locks and changing the programming will result in the controller not working correctly and may invalidate the warranty.

Further details regarding Temperature Controllers can be found at the OMRON website:

www.industrial.omron.co.uk