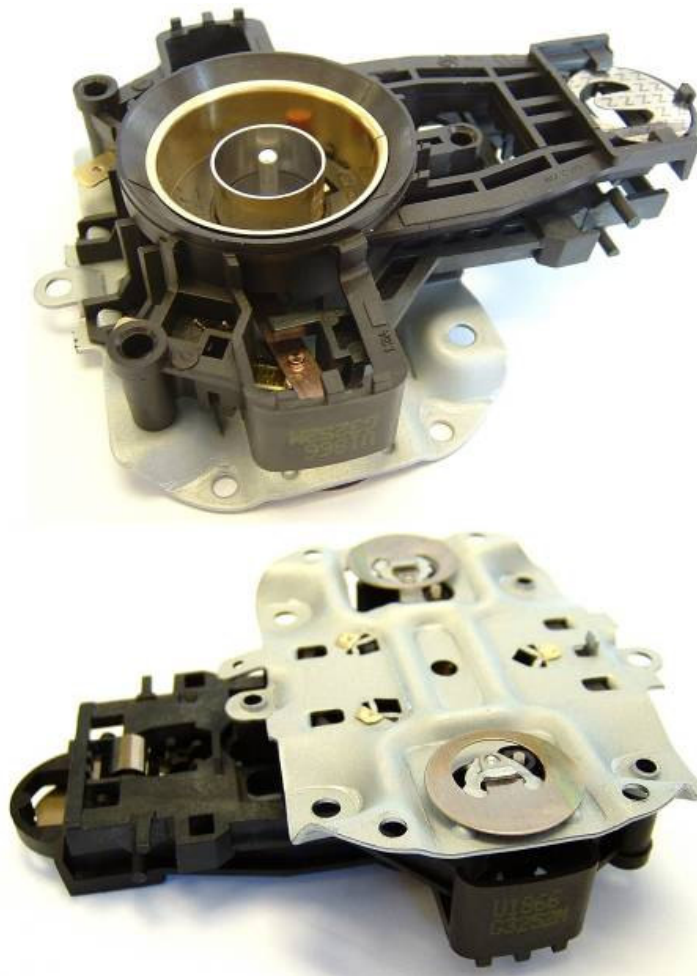


STRIX U1850 Short Slim Control

Overview:

The STRIX U1850 series provides a more compact version of the popular U1830 control. The more compact size allows for installation into smaller appliances. These controls are specifically designed for water heating appliances where the heating element is hidden from the consumer. All variants incorporate two-level, two pole protection against boiling dry or accidental dry switch on of the appliance as well as an integrated steam switch. There is also an incorporated non-cycling and therefore energy saving dry protection system.

Product Image:



Features/Benefits:

- For concealed sheathed element systems
- Non-cycling dry boil protection
- Features "Trip-Free" design

- 360° cordless system using [STRIX P72](#)
- Integrated steam switch
- Compact design offers increased design flexibility

Functional Description:

STRIX U1850 controls are designed for mounting directly onto the underside of conventional concealed heating elements and incorporate the upper part of the [STRIX P72](#) 360° rotation cordless. All variants feature a 2 pole dry switch on protection system which utilises 2 bimetal sensors for optimum dry protection performance. Additionally, all variants also feature a non-cycling dry protection system. An optional "automatic off" feature is available which causes the switch actuator to move to the off position when the appliance is removed from its power base, and prevents the appliance from being switched on again until it is placed back on its power base.

Installation

- The control is fixed to the base of the appliance directly onto the heater element plate by means of screws , rivets or by clinching. Conventional heating elements are electrically connected by either solid or flexible wires.
- The cosmetic cover may be attached directly to the control.
- Further information, application drawings and advice are available from any STRIX Sales office.

Technical Specification

Electrical Rating:

VOLTAGE: 220-240V RMS @ 50Hz or 100-120V RMS @ 60Hz

CURRENT: 13A @ 240V RMS

Design Criteria:

Designed for incorporation in Class 1 appliances. Designed to exceed all safety and endurance requirements of International and National safety standards.

Material:

Steel frame with high temperature flame retardant polymer body moulding (to U.L. 94-V1)

Control Actions:

N/A

Certification:

Tested to EN60335-2-15 and B.E.A.B. memo 701 (Issue 2) and certificates under B.E.A.B.'s Certificate of Certified to EN 60730-2-1 by B.E.A.B., also to National Standards by U.L. and C.S.A. As with all certification, approbation bodies reserve the right to carry out such tests as they consider necessary to prove the

suitability of the component in the end-user application.

Connectors:

Configured to meet STRIX P72 Cordless system.

Partnership:

As the World's leading manufacturer of thermostatic controls for jugs and kettles, STRIX has unrivalled experience in the design, manufacture and tuning of these appliances for optimum performance in partnership with the appliance manufacturer. STRIX engineers are always delighted to work with your design teams at the earliest stages on issues including the following:

- Applications assistance including locating and connecting to controls
- Cosmetic cover design and its effect on appliance performance.
- Element rating and options.
- The siting and operation of ancillary components.

STRIX Ltd • Forrest House • Ronaldsway • Isle Of Man • IM9 2RG • British Isles • Tel: +44 (0)1624 829829 •

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Appendix

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