G 6/4“ ELECTRIC HEATING ELEMENTS with thermostatic head and contactor

Output: 2 - 3 kW
Application: stainless-steel thermal stores and hot water storage tanks

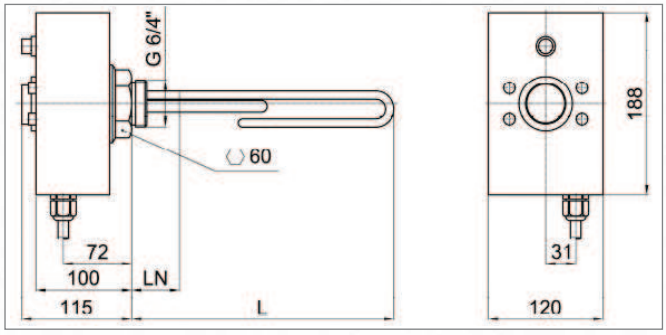
ETT-E Electric Heating Elements

Stainless-steel resistance heating elements with **a thermostatic head and contactor**, intended for heating of static or flowing heating water or antifreeze fluid in thermal stores or for drinking water heating in hot water storage tanks. These elements **are suitable for stainless steel tanks**.

They are designed to be installed in a horizontal position so that the element is completely immersed, the cable gland downwards. They are power supplied by a 5-core cable wired to a terminal box or fuse board.

The heating element features one input for a Ripple control signal and one for master heating system controller.

Dimensions, Models



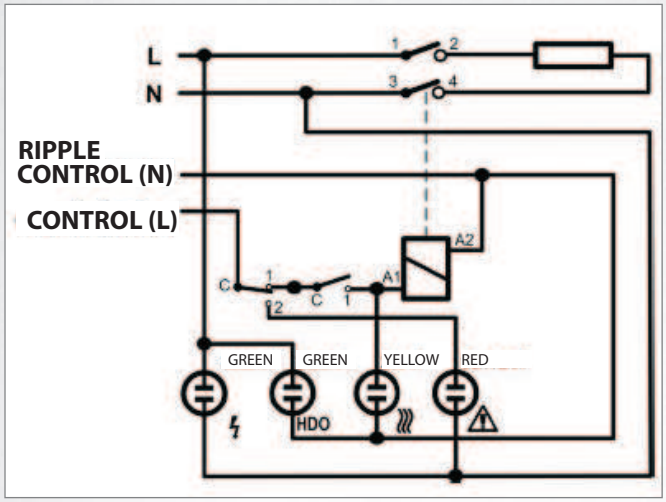
MODEL		ETT-E 2.0	ETT-E 3.0
NOMINAL OUTPUT	kW	2.0	3.0
NOMINAL CURRENT	A	8.7	13.0
ELEMENT LENGTH (L)	mm	470	370
NON-HEATING END LENGTH (LN)	mm	100	100
CODE	--	11 785	11 786

Technical Data

HEATING ELEMENT	stainless steel
CONNECTION	G 6/4“ M
HEXAGON WITH G 6/4“ THREAD	nickel plated brass
CASE	aluminium alloy
POWER SUPPLY	230V 50 Hz
IP RATING	IP 54
PROTECTION CLASS BY EN 61140 ed.2	I
OPERATING THERMOSTAT	capillary type, adjustable
SWITCH-OVER CONTACT	16 A
TEMPERATURE ADJUSTMENT RANGE	from 0 ± 5 °C to 90 ± 3 °C
TEMPERATURE ADJUSTMENT METHOD	rotating knob
SWITCHING DIFFERENCE	5 ± 1.5 °C
LOWER LIMIT	about 15 °C – frost protection
UPPER LIMIT	about 60 °C – for HW storage tanks
SAFETY THERMOSTAT	capillary type, fixed setting
SWITCH OFF TEMP.	99 +0/-6 °C
RESET	manual, after temperature drops below 50 °C
CONTACTOR	AC1 : 20 A / 690 V, 1Z
COIL VOLTAGE	AC 220 – 240 V
FREQUENCY	50 Hz

Electric Wiring

1/N/PE AC 230V



POWER CABLE	
CROSS SECTION	5× 1.5 mm²
LENGTH	2 m
CABLE GLAND	Pg11

Wiring examples: