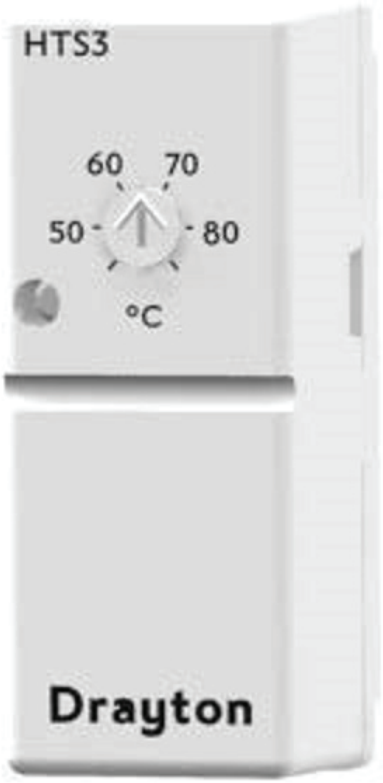
Drayton

HTS3 Cylinder Thermostat

Installation instructions



Technical data

Setting Range	50º - 80ºC
Differential	10ºC approx.
Switch rating	3 (1) a 230V ac
Switch type	SPDT
Rated impulse voltage	2.5kV
Earth	Double insulated – not required
Connections	C – common 1 – call 2 – satisfied
Fixing	Plastic-coated spring wire with hook and eyelet.
Pollution Degree	2
Ball pressure test temperature	110ºC
Energy Class	I = 1% (Acc. EU 811/2013, 812/2013, 813/2013, 814/2013)

Conforms to the essential requirements of the following directives:

2014/30/EU – Electromagnetic Compatibility Directive
2014/35/EU – Low Voltage Directive
2011/65/EU – Restriction of the Use of Certain Hazardous Substances (RoHS)
2012/19/EU – WEEE Directive

Cylinder thermostats

Make	Model	Common	Call	Satisfied
Drayton	**HTS3**	**C**	**1**	**2**
Lifestyle	HTS 2	R	B	Y
Danfoss Randall	AT (CN4)	1	2	3
Drayotn	CS 1/ CS 2	1	2	3
Honeywell	L641A	C	1	2
Landis & Gyr	RAM 1	1	2	3
Potterton Myson	PTT 1	L	H	C
Sunvic	1452/ SA2451	3	1	2
Sopac	SAY	C	1	2
Smiths	SCT 1	1	2	3
Tower	CS 1	R	B	Y
Barlo	CT 1	R	B	Y

SCHNEIDER ELECTRIC CONTROLS UK LTD
401 Southway Drive
Plymouth
PL6 6QT
United Kingdom

SCHNEIDER ELECTRIC INDUSTRIES SAS
1884 Boulevard de la Défense
92000 Nanterre France

se.com/contact

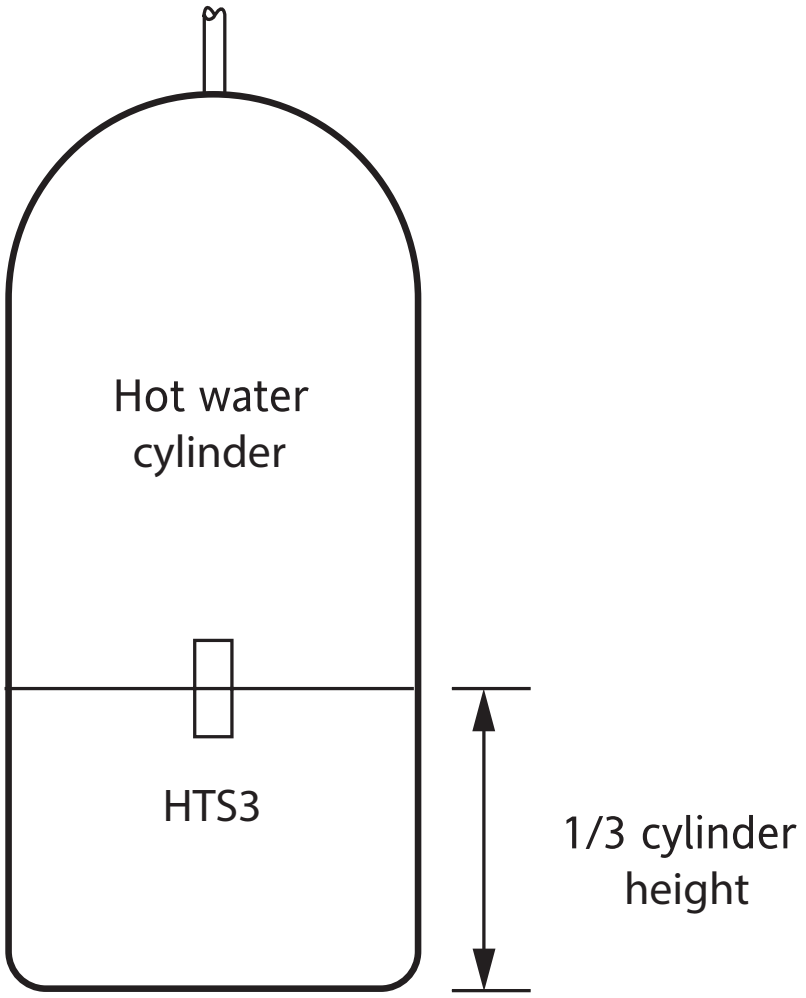
WARRANTY

T & C’S

Technical Helpline Tel: 0333 6000 622
Website: www.draytoncontrols.co.uk
Email: customer.care@draytoncontrols.co.uk 090-728 ISS M

Positioning the HTS3

The HTS3 should be installed approximately one third of the way up the hot water cylinder, and at the front for ease of access.With pre-insulated cylinders, mark the position and size, and re-move just enough insulation to allow the HTS3 to fit against the metal of the cylinder in the recess formed.

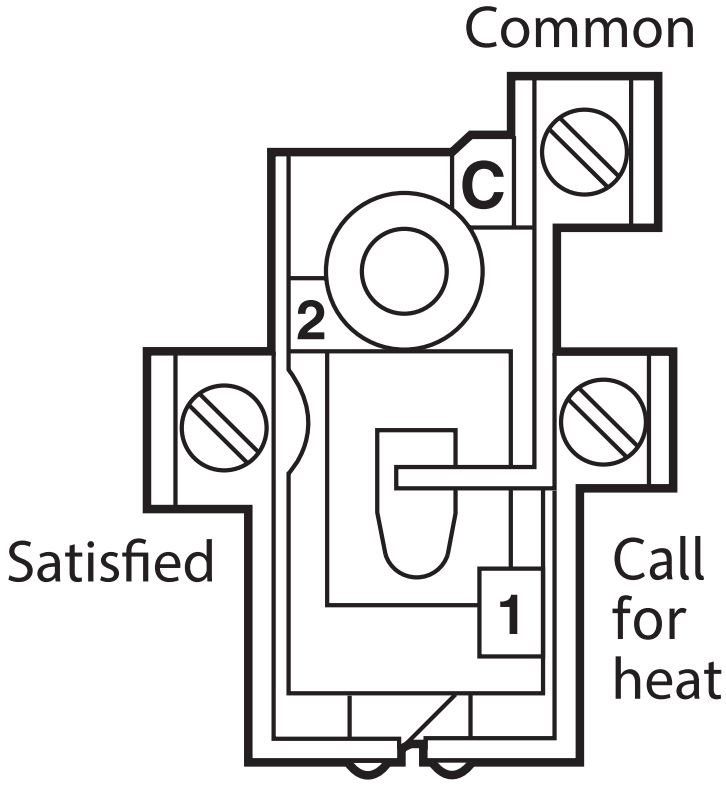


Wiring Connections

From the wiring centre or junction box, run suffcient 3-core electrical connecting cable to reach the HTS3 installation position without being under tension.

Remove the HTS3 cover by undoing the central retaining screw. Make wiring connections in accordance with the diagram below and the man-ufacturers instructions for associated equipment such as motorised valves, boiler, programmers etc. Replace and secure the cover.

The HTS3 is double insulated and no Earth connection is necessary.The circuit should be protected with a 3A fuse.

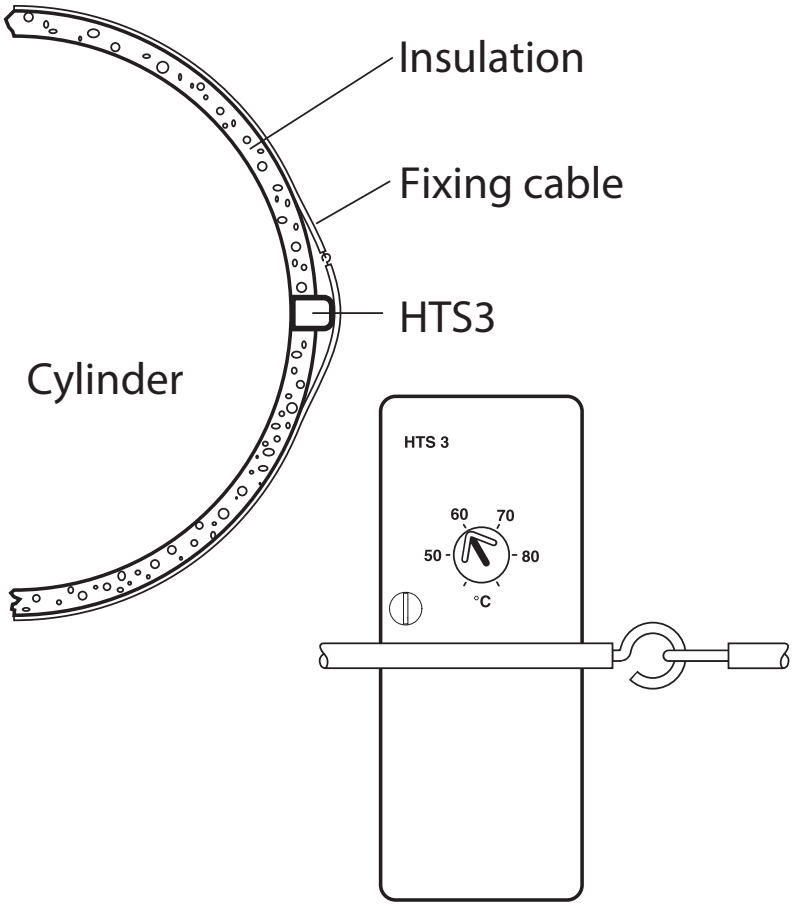


Fixing to the Cylinder

The base of the HTS3 should be held in good contact with the metal of the hot water cylinder.

The plastic covered spring fixing cable should be cut to an unstretched length of approximately 2 1/2” – 3” less than the circumference of the cylinder and the hook and eyelet screwed into the ends. Stretch the cable round the cylinder, above the insulation, and position it in the groove across the front of the HTS3. Engage the hook and eyelet.

HTS3. Engage the hook and eyelet.

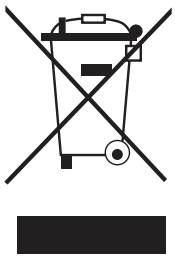


Commissioning

The two setting marks outside the temperature scale on the HTS3 provide max temperature and OFF positions to assist with commissioning or checking the system operation. Rotate the setting arrow fully max and anticlockwise for OFF.

Setting

With a screwdriver, position the setting arrow at the desired nominal hot water temperature. A popular setting is 60°C but if this is not exactly suitable, simply adjust up or down as appropriate.



This product should not be disposed of with household waste. Please recycle the products where facilities for electronic waste exist. Check with your local authorities for recycling advice.

WARNING

Disconnect mains supply before fitting or removing the cover.
A switch having contact separation of at least 3mm in all poles must be incorporated in the fixed wiring as a means of providing full disconnection of the mains supply.