

Datasheet

ITC, ITL and ITD Immersion Thermostats

Features



ITC 100 Immersion Control Thermostat

The ITC 100 immersion thermostat has a 100mm insertion length. This thermostat, which is supplied with a ½" BSP/100mm pocket, is suitable for the control of any application which requires accurate immersion sensing, for example in unvented hot water systems. It which has an adjustment range of 0-90°C and has SPDT contacts making it suitable for the control of all types of motorised valves.

ITL 100 Immersion Limit Thermostat

The ITL 100 immersion limit thermostat has an insertion length of 100mm. This thermostat, which is supplied with a ½" BSP/100mm pocket is suitable for any application which demands an immersion thermostat offering manual re-set facility. The thermostat is factory pre-set to 90°C and has SPDT contacts.

ITD 100 Immersion Dual Control & Limit Thermostat

The ITD 100 immersion thermostat incorporates a separate limit and control function. The control function set point can be varied between 0°C and 90°C. The limit function, which requires manual re-setting after activation, is factory pre-set to 100°C. This thermostat is supplied with a ½" BSP/100mm pocket.

Thermostats	ITC Control	ITC Control (tamperproof)	ITL Limit	ITD Dual	ITD Dual
Order Codes	099-1057	099-1058	099-1059	099-1061	099-1062
Control Function (Thermal Reset)	●	●			●
Limit Function (Manual Reset)			●		●
Dual Control and Limit Function					●
Temperature Range (°C)	0-90	0-90		0-90	0-90
Temperature Range (Limit)			90-110°C, Factory set to 90°C		90-110°C, Factory set to 80°C
Switching Differential	4 ± 1K	4 ± 1K	-	4 ± 1K	
Switch Configuration	SPDT	SPDT	SPST	SPDT (control), SPST (limit)	
Switch Voltage Rating	220/240 Vac				
Switch Current Rating	10 (2.5) A				
Max. Ambient Temperature (Head)	65°C	65°C	80°C	80°C	
Max. Medium Temperature	150°C	150°C	150°C	150°C	
Supplied with ½" BSP(m) x 100mm Pocket	●	●	●	●	
Dimensions of Thermostat Head (mm)	Wide High Deep	55 110 55.5	55 110 55.5	55 110 56.5	100 110 56.5

Danfoss can accept no responsibility for possible errors in catalogues, brochures, and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without consequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.



Danfoss Ltd.

Amphill Road
Bedford MK42 9ER
Tel: 01234 364621
Fax: 01234 219705
Email: ukheating@danfoss.com
Website: www.heating.danfoss.co.uk