

# IMMERSION THERMOSTATS SINGLE/DUAL FUNCTION

## EBS.. EBD..

These products are used to monitor liquid temperatures in pipes, boilers, tanks etc. The liquid filled sensing enables a rapid response to temperature changes.  
The EBS is a single function thermostat and the EBD dual function has two separate thermostats inside the enclosure.



Hand reset models have a push button on the front cover.

Volt free contacts

Max. ambient 80°C (EBS-1 55°C)

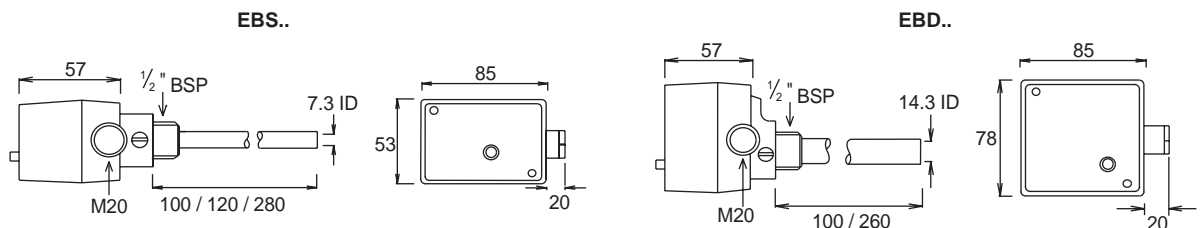
All supplied complete with removable brass pocket 1/2" BSP.

Concealed adjustment

Enclosure Flammability = UL94-V0

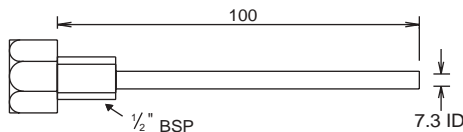
Type	Range °C		Control	Diff. °C	Limit	230VAC SPDT		Bulbwell Length	Max. Bulb Temp. °C	Enclosure
	Control	Limit				Control	Limit			
<b>EBS-1</b>	0/35	-	0.5	-	-	10(3)A	-	120	55	IP43
<b>EBS-2</b>	0/80	-	2	-	-	10(3)A	-	100	100	IP43
<b>EBS-3</b>	35/95	-	4	-	-	15(5)A	-	100	115	IP43
<b>EBS-4</b>	50/130	-	6	-	-	15(5)A	-	100	150	IP43
<b>EBS-7</b>	-	30/65	Hand reset open high	-	-	15(5)A	-	100	90	IP43
<b>EBS-8</b>	-	60/95	Hand reset open high	-	-	15(5)A	-	100	115	IP43
<b>EBS-9</b>	-	95/130	Hand reset open high	-	-	15(5)A	-	100	150	IP43
<b>EBS-20/L280</b>	0/70	-	2	-	-	10(3)A	-	280	90	IP43
<b>EBS-30/L280</b>	35/95	-	4	-	-	15(5)A	-	280	115	IP43
<b>EBS-70/L280</b>	-	30/65	Hand reset open high	-	-	15(5)A	-	280	90	IP43
<b>EBS-80/L280</b>	-	60/95	Hand reset open high	-	-	15(5)A	-	280	115	IP43
<b>EBD-1</b>	0/80	0/80	2		2	10(3)A	10(3)A	100	100	IP43
<b>EBD-2</b>	35/95	35/95	4		4	15(5)A	15(5)A	100	115	IP43
<b>EBD-8</b>	35/95	60/95	4	Hand reset open high		15(5)A	15(5)A	100	115	IP43
<b>EBD-32/L260</b>	35/95	35/95	4		4	15(5)A	15(5)A	260	115	IP43
<b>EBD-38/L260</b>	35/95	60/95	4	Hand reset open high		15(5)A	15(5)A	260	115	IP43

### DIMENSIONS:

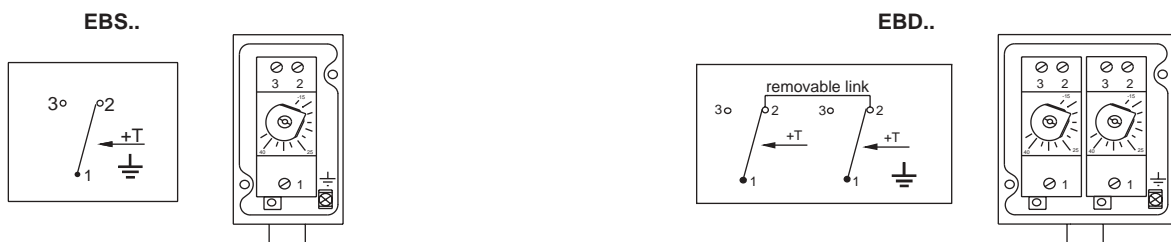


### ACCESSORIES:

**EE-9B** Spare brass pocket 100mm for EBS-2..9 (NOT for EBS-1)  
**EE-ST9** Stainless steel pocket 100mm for EBS-2..9 (NOT for EBS-1)



### WIRING:



1-2 close on temp fall. 1-3 close on temp rise. OPEN HIGH Contact 1-2 opens on temp rise. Temp must fall to allow resetting

### CAUTION:

These products may be connected to 230VAC supply. Isolate device from electrical supply before removing cover. Observe design limits of temperatures.

The device should be checked by a qualified technician before applying any voltage. Observe all relevant safety precautions, wiring/earthing regulations & electrical ratings.

Always ensure the device switches at the correct temperature. If failure of the device can cause damage a safety backup control should be fitted. All data is for guidance purposes only, subject to change without prior notice and not guaranteed to be absolutely correct unless confirmed by us in writing.

