

JB9000

Junction boxes for use with electric heat tracing systems

JUNCTION BOX

- Complete range of Junction Boxes
- Manufactured in accordance with EN50 019, BS 5501 : Part 6
- All junction boxes are suitable for use with all styles of heating tapes
- Equipment available for all heat tracing applications
- IP66 Rated
- SIRa certified: EExe II T6 SCS No. Ex 94C3025

INTRODUCTION

Heat Trace supply quality junction boxes only as part as a complete Heat Trace System. As standard, robust and corrosion resistant plastic enclosures are supplied for use in safe (non-hazardous) or hazardous (Zone 1 or Zone 2) areas.

The enclosures when used in hazardous areas provide type EExe protection (increased safety) as per British Standard BS5501 Part 6 and CENELEC Standard EN50019 "Electrical Apparatus for Potentially Explosive Atmospheres".

The boxes also as part of the overall Heat Trace System meet the requirements of BS6351, "Electric Surface Heating".



SPECIFICATIONS

MATERIAL Glass reinforced Polyester,
Fire Retardant

FINISH Matt Black

SPECIAL FEATURE

The enclosure has a uniquely designed hinged cover which allows the unit to remain 'as one' at time of installation.

EARTH CONTINUITY PLATE Available as extra

POSSIBLE SURFACE TREATMENTS

- RFI Screening with Nickel
- RFI Screening with Copper/Silver mixture

ENTRIES

Standard entries are 20mm and 25mm ISO metric. Alternatives upon request are: ¾" and 1" B.S. Conduit, Pg11, 13.5, 16 and 21, ½" and ¾" N.P.T.

TERMINAL BLOCKS

Weidmuller - Klippon Terminals

TYPE	WIRE CAPACITY mm ²		MAXIMUM RATINGS		QTY
	MIN	MAX	VOLTS	AMPS	
SAK2.5	0.5	2.5	550	15	10
SAK4	0.5	4.0	550	15	8
SAK6N	0.5	6.0	550	18	6
SAK10	2.5	10	550	37	4
WDU2.5	0.22	2.5	726	15	8
BK3 TO BK8	0.5	4.0	275	21	1
MK6/3-4-6	0.5	6.0	418	18	1

Entrelec Terminals

TYPE	WIRE CAPACITY mm ²		MAXIMUM RATINGS		QTY
	MIN	MAX	VOLTS	AMPS	
MA2.5/5	0	2.5	380	15	10
M4/6	0	4.0	660	30	8

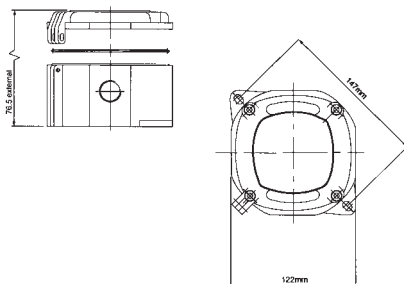
APPROX VOLUME 635cm³

WEIGHT 0.6kgs

	20mm	25mm
1 Way	9001	9051
2 Way	9002	9052
3 Way	9003	9053
4 Way	9004	9054
Angle	9005	9055

To order Enclosures with alternative entries, please give fullest description.

DIMENSIONS



HEAT TRACE™
SETTING THE STANDARDS. LEADING THE WAY.

Mere's Edge, Chester Road, Helsby, Frodsham, Cheshire, WA6 0DJ, UK
Tel: +44 (0)1928 726 451 Fax: +44 (0)1928 727 846 <http://www.heat-trace.com>

The information given herein, including drawings, illustrations and schematics (which are intended for illustration purposes only), is believed to be reliable. However, Heat Trace Ltd makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use. Users of Heat Trace Ltd products should make their own evaluation to determine the suitability of each such product for specific applications. In no way will Heat Trace Ltd be liable for any damages arising out of the misuse, resale or use of the product.