

JB9000

Junction box for use with electric heat tracing systems

JUNCTION BOX

- Available for use in safe and hazardous areas
- SIRA certified: EExe II T6 SCS No. Ex 94C3025
- All boxes suitable for use with all styles of heating cable
- Manufactured in accordance with EN50 019, BS 5501 : Part 6
- Complete range of boxes & terminal
- IP66 rated

INTRODUCTION

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

When used in hazardous areas the enclosures provide type EExe protection (increased safety) as per British Standard BS5501 Part 6 and CENELEC Standard EN50019:2000 "Electrical Apparatus for Potentially Explosive Atmospheres".

The boxes, as part of the overall Heat Trace System, also meet the requirements of IEC62395 – Electric Heat Tracing for Safe Industrial Locations and IEC60079-30 – Electric Heat Tracing for Hazardous Locations (formerly IEC62086).



SPECIFICATION

AMBIENT TEMPERATURE -40°C to +50°C
(-40°F to +212°F)

MINIMUM OPERATING TEMPERATURE -65°C* (-85°F)

EARTH CONTINUITY PLATE Available as extra

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		
	MIN	MAX	VOLTS	AMPS	QTY
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-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		
	MIN	MAX	VOLTS	AMPS	QTY
MA2.5/5	0	2.5	380	15	10
M4/6	0	4.0	660	30	8

APPROVAL DETAILS

Testing Authority	Certificate No.
ATEX 	Sira 03ATEX3398 Sira 03ATEX3582U
EAC* 	TC RU C-GB.ГБ05.B.00191

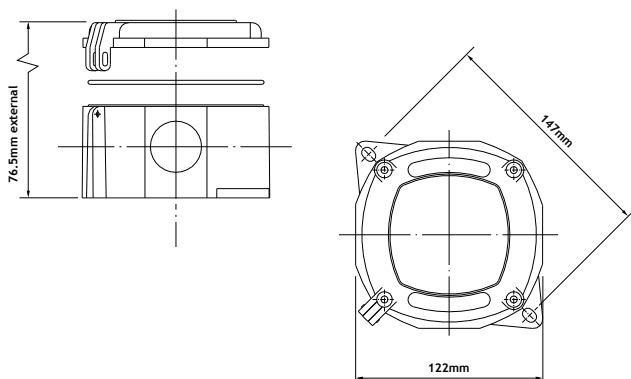
APPROX VOLUME 635cm³

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 full description of requirements.

DIMENSIONS



MATERIAL Glass reinforced Polyester,
Fire Retardant

FINISH Matt Black

SPECIAL FEATURE

The enclosure has a uniquely designed hinged cover that allows the unit to remain 'as one' during installation.

HEAT TRACE™
SETTING THE STANDARDS LEADING THE WAY

Mere's Edge, Chester Road, Helsby, Frodsham, Cheshire, WA6 0DJ, UK
Tel: +44 (0)11928 726 451 Fax: +44 (0)1928 727 846 <http://www.heat-trace.com>

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