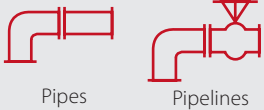




At a Glance

Applications



- › Chemical and Petrochemical
- › Power generation
- › Oil & Gas
- › Industrial Processes
- › Plant upgrades and repairs

Design

Available as separate units:

- › Junction Box
- › Pipe Mounting Stand
- › Junction Box and Pipe Mounting Stand combined

Advantages

- › Mounting stand as stand-alone option for pipe mounting
- › Approved Junction Box for hazardous areas
- › Optimum mechanical safety
- › Easy assembly

Approvals



- › Certificate: 19.2547790 for Ex-it-NA

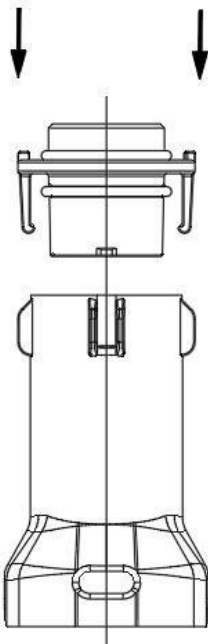
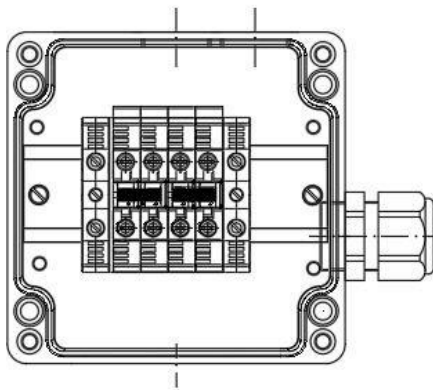
Ex-it JB/NA Junction Box and Mounting Stand for Ordinary and Hazardous Locations



- | | |
|--------------------------|--|
| 1 Junction Box | approved for use in Ordinary and Hazardous Locations |
| 2 Threaded Flange | for connection to separate Ex-it-NA Mounting Stand |
| 3 Mounting Stand | for mounting the Junction Box on pipes and pipelines |

Ex-it JB/NA Junction Box and Mounting Stand as a stand-alone option for Ordinary and Hazardous Locations

The eltherm Ex-it JB/NA Junction Box is designed and CSA approved for use in commercial and industrial applications for termination of eltherm ELSR-NA and HA self-regulating series trace heaters. The standard junction box assembly comes equipped for terminating two (2) heating circuits and may optionally be supplied with an eltherm approved mounting stand with integrated strain relief. The mounting stand is available as a stand-alone item for integration into an existing, approved junction box. The Junction Box and Mounting Post offer high chemical resistance, excellent electrical characteristics and superior ambient temperature ratings.



Technical Data: Ex-it JB/NA

Housing	Antistatic polyamide compound
IP rating	IP 65 (NEMA 4 equivalent)
Operating/ control voltage	120 / 208-277 V AC ±10 %, 50/60 Hz
Ambient temperature	- 40 °F to +122 °F (T6, T85 °C) - 40 °F to +131 °F (T5, T100 °C) - 40 °F to +140 °F (T4, T135 °C)
Operating temperature	- 40 °F to + 122 °F (T6, T85°C)
Certificate	CSA/C/US 19.2547790
Nominal current	max. 36 A
Terminals	AWG 20 - 8 (0.5 - 10 mm ²)
Dimensions	5" x 4 3/4" x 3 1/2" (L x H x D)
Weight	2.2 lbs

Technical Data: Mounting Stand

Housing	GRP
Equipment Group	Zone 1 Ex / AEx eb IIC Gb Zone 21 Ex / AEx tb IIIC Db
Operating temperature	- 4 °F to + 212 °F (threaded flange) - 4 °F to + 392 °F (mounting stand)
IP Rating	IP 65 (NEMA 4 equivalent)
Certificate	CSA/C/US 19.2547790
Cable entries	Three (3) flat, One (1) round
Pipe diameters	>= 3/4" (20 mm)
Max. width of tightening strap	5/8" (16 mm)
Heater/sensor dimensions	1/8"-1/5"; 1/6"x7/16"-2/9"x7/16" 3-5 mm; 4x11 mm- 5.5x14 mm fits ELSR-NA and -HA Trace Heaters
Dimensions	5" x 4 3/4" x 3 1/2" (L x H x D)
Weight	0.66 lbs (300 g)

Checklist

A Ex-it JB/NA		Part No.
Ex-it JB/NA	Junction Box, supply: 1 heating cable ELSR-... + EL-CT	0X80097
Ex-it JB/NA	Pipe mounting stand	109CAIT010
Ex-it JB/NA	Junction Box and Pipe Mounting Stand combined	0X8CA97
B Connecting Set		
ELSR-NA / ELSR-HA	Connecting set	09CAITD

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