

## SR MULTIPLE-ENTRY JUNCTION BOX - JBSR-M

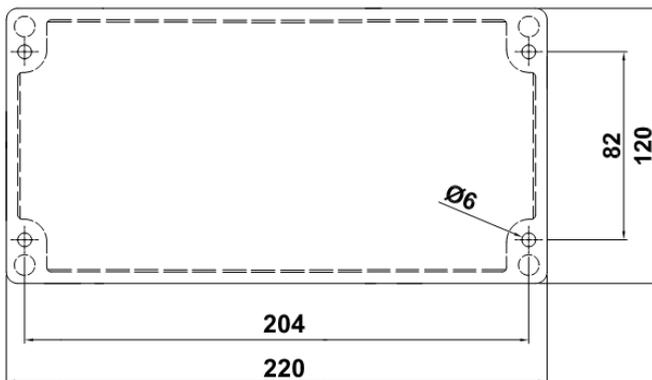
MSCP's JBSR-M kit is designed per CSA requirements to serve as a power connection, splice, or tee for up to three self-regulating (SR) heating cables. It is approved for use in non-hazardous and hazardous locations. The materials used provide maximum protection for service in the harshest environments, including organic chemicals and corrosives in the oil, gas and petrochemical industries. JBSR-M is suitable for operation in a wide range of ambient temperatures. This kit is also available with a plug-in LED light module (JBSR-M-L) to visually indicate when power is supplied to the SR heating circuit. The kit is supplied with a universal stand for mounting on pipes, tanks, vessels and walls, which allows for up to 100mm (4 inches.) of thermal insulation. Also supplied with this kit is all the required parts for terminating the SR heating cables. One (1) pipe strap is required to secure the JBSR-M stand. These straps can be ordered separately and sized according to the pipe size. To mount the JBSR-M stand to a small pipe (1 inch or less), a small pipe adaptor is needed. This pipe adaptor (JBSR-SPA) can be purchased separately.

### Advantages:

- Covers a wide range of temperatures from  $-60^{\circ}\text{C}$  ( $-76^{\circ}\text{F}$ ) to  $260^{\circ}\text{C}$  ( $500^{\circ}\text{F}$ )
- Suitable for mounting on pipes, tanks, vessels or walls
- Moisture proof
- Approved for use in hazardous locations
- Highly resistant to chemicals and corrosive environments



## JBSR-M / JBSR-M-L



### Technical information

#### Data

Classification	Class I Div 2 Group A,B,C,D Class II Div 2 Group E,F,G Class III Class I Zone 2 Ex e II* <small>*T group classification depends on the type of cable used</small>
Entries	1 x 0.75 in
Maximum Ambient Temp.	$56^{\circ}\text{C}$ ( $132^{\circ}\text{F}$ )
Minimum Ambient Temp.	$-50^{\circ}\text{C}$ ( $-55^{\circ}\text{F}$ )
Minimum Installation Temp.	$-40^{\circ}\text{C}$ ( $-40^{\circ}\text{F}$ )
Weight	1.95 kg (4.3 lbs)
Dimensions	L x H x D 220*120*90mm
Ingress protection	Type 4X (NEMA)
Standards	IEEE 515, CSA 22.2 130.16 IEC/IEEE 60079-30-1
Rating	Wet rated, for outdoor use (WS)
Type of mounting	Pipe, tank, vessel or wall-mounting
Stand height	130 mm (5 inches)
Max Voltage	480 Vac