

# Ex- Junction Box AG...

Glasfibre enhanced polyester enclosure for use in hazardous area.

Junction Box Ex

Page 1/2

- Temperature resistant
- Resistant to chemicals
- Antistatic
- Corrosion-resistant / UV-resistant
- Customised versions possible
- 

## Description

Ex-Junction Boxes made of glasfibre-enhanced polyester to connect self-limiting-, single core- as well as mineral insulated heating-cables.

This enclosures are available in many versions and useful for almost all kind of trace heating application.

This box can be used in extremely environmental conditions and also chemically aggressive environments and resists exposure to mechanical stress.

Customised versions on demand.



## Specification

Dimensions:	AG 99...Ex	110x75x55mm
	AG 101...Ex	122x120x90mm
	AG 102...Ex	160x160x90mm
	AG 103...Ex	260x160x90mm

Protection class:	IP65
Min. ambient temperature:	-40°C (-55°C on request)
Temperature class:	T6 at +50°C T5 at +55°C T4 at +60°C

## Marking

 II 2G Ex e IIC T6  
 II 2D Ex tD A21 IP65 T80°C

## Approval

EPS 13 ATEX 1616



## Order information

For part numbers and specific data please see page 2.

## Additional products

Part number:  
 IRM0120Ex: Mechanical Ex-Capillary-Thermostat, 122x120x90mm  
 Temperature range 0..+120°C  
 (for other temperature ranges see specific data sheet)

## Further information

Please consult the installation instructions!

# Ex- Junction box AG...

Glasfibre enhanced polyester enclosure for use in hazardous area.

**Junction box Ex**

## Standard versions

Part number	Dimensions (in mm)	Cross-section	Glands	Description
AG 99 Ex	110x75x45	2,5mm <sup>2</sup>	1x M20 2x M12	Sensor-box for up to 2 Sensors
AG 99 HK Ex	110x75x45	2,5mm <sup>2</sup>	2x M20	Junction box 1 phase for 1 heating circuit
AG 101 Ex	122x120x90	6mm <sup>2</sup>	1x M25 3x M20	Junction box 1 phase for up to 3 heating circuits
AG 101 3P Ex	122x120x90	6mm <sup>2</sup>	1x M25 3x M20	Junction box 3 phase for up to 3 heating circuits
AG 101 S Ex	122x120x90	6mm <sup>2</sup>	1x M20 3x M20	Junction box equipped for star connection
AG 102 Ex	160x160x90	6mm <sup>2</sup>	1x M32 4x M20	Junction box 1 phase for up to 4 heating circuits
AG 102 3P Ex	160x160x90	6mm <sup>2</sup>	1x M32 4x M20	Junction box 3 phase for up to 4 heating circuits
AG 103 Ex	260x160x90	6mm <sup>2</sup>	1x M32 6x M20	Junction box 1 phase for up to 6 heating circuits
AG 103 D Ex	260x160x90	6mm <sup>2</sup>	1xM32 6xM20	Junction box 3 phase equipped for delta connection

Customised versions from quantity = 1 on demand!