

# Modular junction box

**320005**



**TRACELEC**   
HEATING SOLUTIONS

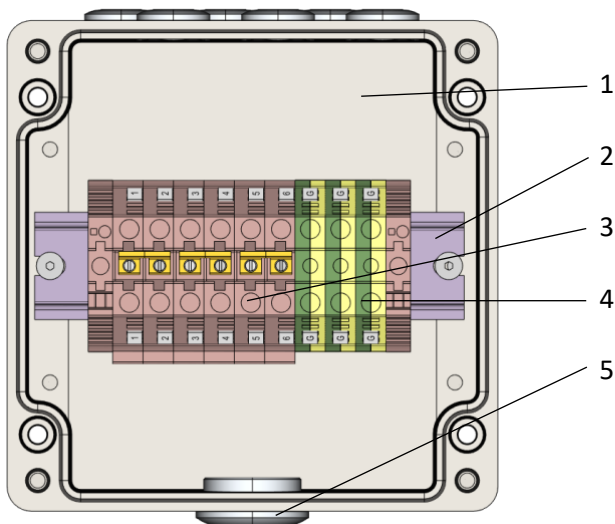
## 1. DESCRIPTION



Modular junction box for installation in corrosive environments compatible with all types of self-regulating and constant power heating cables. It is approved for use in ordinary locations.

It is designed to connect to power network or to splice up to six (6) heating cables.

## 2. CONSTRUCTION



Components		
No.	Description	Amount
1	Enclosure	1
2	DIN-Rail	1
3	Power terminals	6
4	Earth terminals	3
5	ATEX plug	7





## 3. FEATURES

Corrosion and shock resistant, fiberglass reinforced polyester junction boxes are an excellent choice for electrical connections between heating cable and power cable, as well as for heating cable splicing.

Main features:

- Enclosure with stainless steel screws
- Mounting holes out of the gasket area
- Threaded holes for rails, mounting plates, and box entry glands.

#### 4. SPECIFICATIONS

Description	Data
Entries	1 x M32 + 6 x M20
Max. operating voltage	440 V
Max. operating current	50 A
Ingress protection	IP66
Temperature range	-40 °C ~ 100 °C
Impact resistance	7 J
Flammability	UL 94, self-extinguishing
Material	Enclosure: Fiberglass reinforced polyester
	Gasket: Chloroprene
	Screws: Stainless Steel
Color	Silver gray (RAL 7001)
Terminal section	10 mm <sup>2</sup>
Approvals	   
Classifications	ETIM 2.0      EC000058      ETIM 3.0      EC000058 UNSPSC      31-26-15-02      eClass 4.1      27-14-12-06 eClass 5.1      27-14-91-07      eClass 6.0      27-14-91-07 eClass 7.0      27-14-91-07
Certificates of compliance	MARITREG      09.04041.250      cULus      E223801ROSE

# 320005

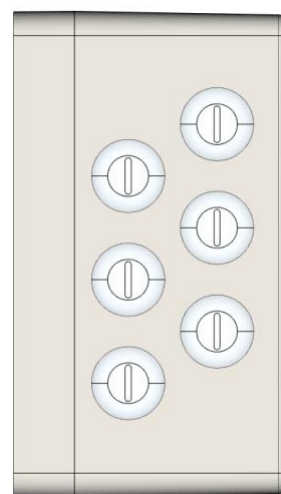
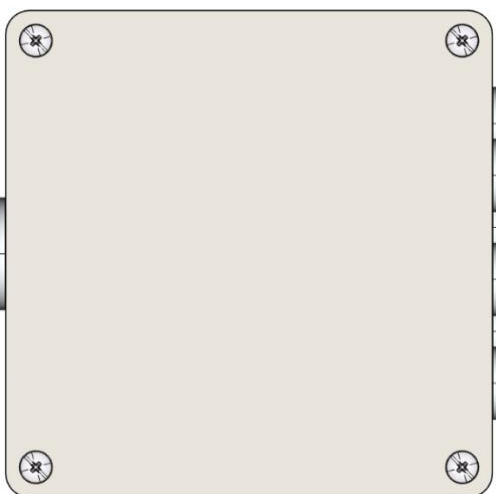
MODULAR JUNCTION BOX

**TRACELEC**  
HEATING SOLUTIONS

## 5. HOLE LOCATIONS

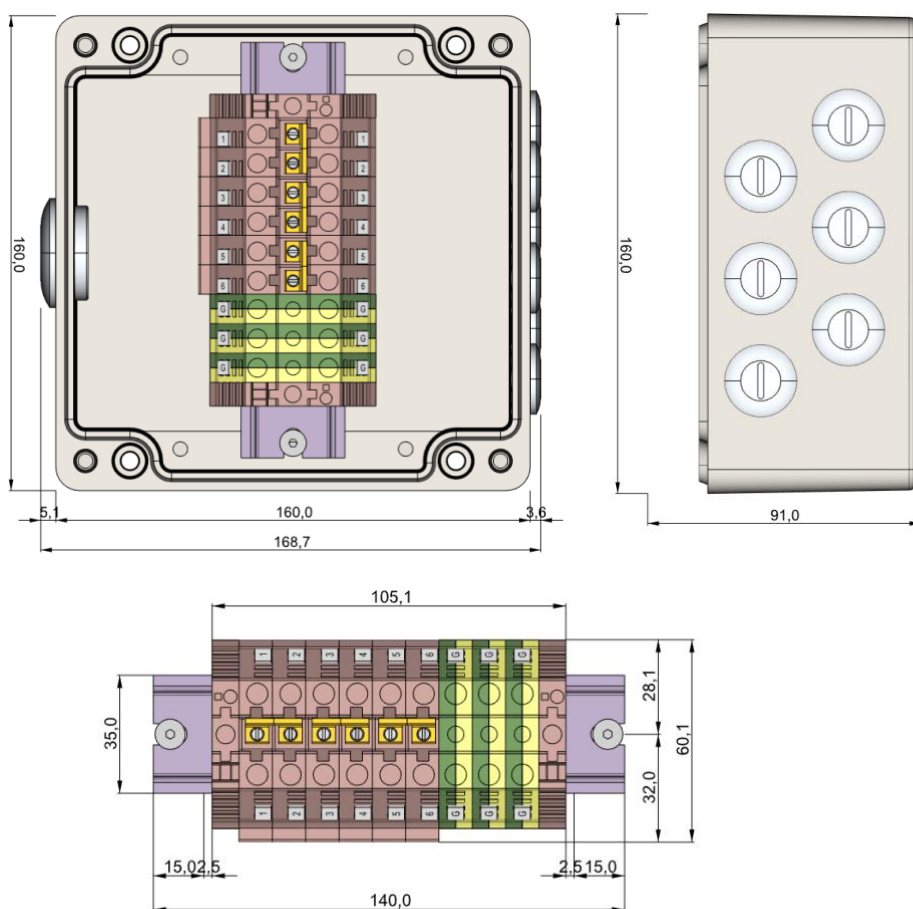


Side D (Right): 1x M32



Side C (Left): 6x M20

## 6. DIMENSIONS



\* Dimensions in mm.



# TRACELEC

HEATING SOLUTIONS

c/ Josep V. Foix 10 · 43007 Tarragona · Spain  
+34 977 290 039 · ofertas@tracelec.es  
[www.tracelec.es](http://www.tracelec.es)