

Modular junction box

340004



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MODULAR JUNCTION BOX

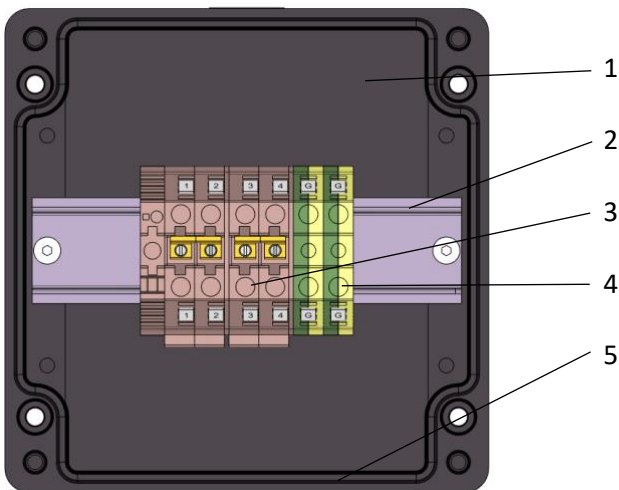
1. DESCRIPTION



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

It is designed to connect to power network or to splice up to three (3) heating cables.

2. CONSTRUCTION



Components		
No.	Description	Amount
1	Ex certified enclosure	1
2	DIN-Rail	1
3	Power terminals	4
4	Earth terminals	2
5	ATEX plug	4










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.

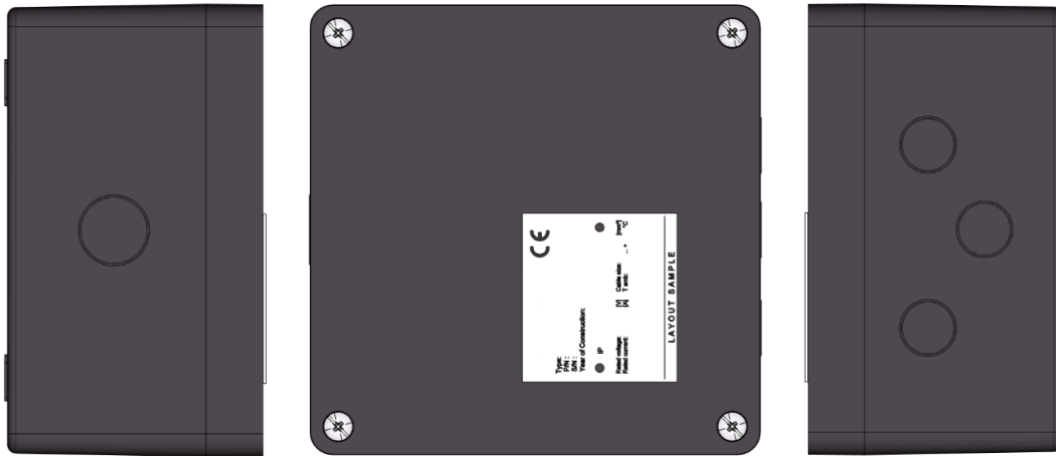
4. SPECIFICATIONS

Description	Data			
Entries	1 x M25 + 3 x M20			
Max. operating voltage	440 V			
Max. operating current	50 A			
Protection level	II 2G Ex eb IIC T6 Gb; II 2 D Ex tb IIIC Db			
Certificate no.	IBExU13ATEX1004X			
Ingress protection	IP66			
T-rating (Gas)	T6 (85 °C)			
Max. surface temperature	85° C			
Ambient temperature range	-20 °C ~ 40 °C			
Impact resistance	7 J			
Flammability	UL 94 V-0, self-extinguishing			
Material	Enclosure: Fiberglass reinforced polyester			
	Gasket: Silicone			
	Screws: Stainless Steel			
Color	Black (RAL 9011)			
Terminal section	10 mm ²			
Approvals	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"></div> <div style="text-align: center;"></div> <div style="text-align: center;"></div> <div style="text-align: center;"></div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;"> <div style="text-align: center;"></div> <div style="text-align: center;"></div> <div style="text-align: center;"></div> <div style="text-align: center;"></div> <div style="text-align: center;"></div> </div>			
Classifications	ETIM 6.0	EC002503	ETIM 7.0	EC002503
	eClass 9.0	27-18-05-02	eClass 9.1	27-18-05-02
	eClass 10.0	27-18-05-02		

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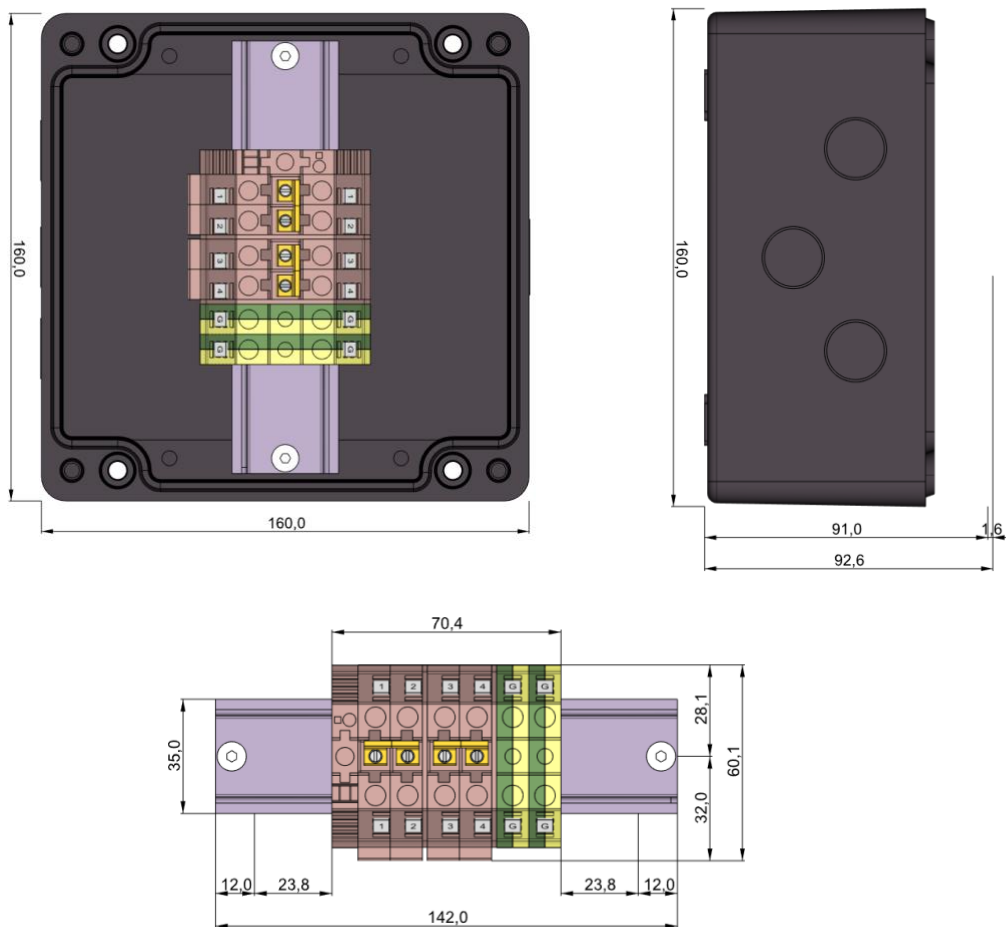
5. HOLE LOCATIONS



Side D (Right): 1xM25

Side C (Left): 3xM20

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