

GNEExJ2 Junction Box

The GNEExJ2 is a versatile globally certified explosion proof junction box. The robust IP66/67 corrosion proof GRP (glass reinforced polyester) enclosure with extended temperature range ensures the D1xJ2 is suitable for all Zone 1, 2 and Class I Division 2 applications.

The UV stable GRP enclosure features a threaded flame path, triple cable entries and a large termination area – all of which significantly reduce installation time. With a power rating of up to 5W the junction box can be configured with a 12 way standard terminal block, a 12 way DIN rail terminal block.

Features

- Robust corrosion proof GRP (glass reinforced polyester) enclosure
- Ingress protection IP66/67
- Threaded flame path simplifies installation and inspection
- Triple cable entries

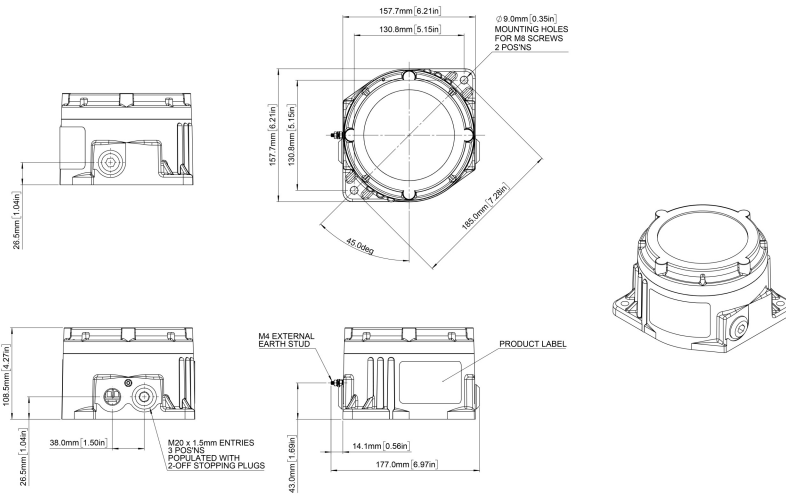
Approvals

- UL/cUL – File ref: E245313
- IECEx UL 15.0003X
- ATEX DEMKO 15ATEX1448X
- TR-CU Ex EAC certificate: RU C-GB.HA65.B.01253_21
- INMETRO IEx 20.0049X

Coding

- IECEx / ATEX
 - II 2G Ex db IIC Gb T6 Ta -50°C to +70°C
 - II 2D Ex tb IIIC Db T80°C Ta -50°C to +70°C
- NEC Class Zone
 - Class I Zone 1 AEx db IIC T6 Gb Ta -50°C to +70°C
- CEC Class Zone
 - Ex db IIC T6 Gb Ta -50°C to +70°C
- NEC / CEC Div
 - Class I Div 2 Group ABCD T6 Ta -50°C to +70°C





Specification

Terminals:	DIN Rail 12 × AKZ 2.5 Earth 2 × AKE 2.5 12 way MK3 Terminal Block
Voltages DC:	60Vdc max.
Voltages AC:	260Vac 50/60Hz max.
Power:	5W max.
Ingress protection:	IP66/67
Enclosure material:	UV stable GRP (glass reinforced polyester)
Enclosure colour:	Natural Red
Enclosure finish:	Natural – can be painted in alternative colours
Cable entries:	2 x M20x1.5mm Stopping plug included
Stopping plugs:	Brass, Nickel Plated or Stainless Steel
Grounding stud:	M4
Installation temp:	-50° to +70°C (-58°F to +158°F)
Storage temp:	-50° to +70°C (-58°F to +158°F)
Weight:	2.5kg/5.5lbs

Part Codes

Part Code:	Identifier:	Description:
Product type:	GNEJ2	Junction Box
Terminal configuration:	D01 T01	DIN Rail 12 × AKZ 2.5 + 2 × AKE 2.5 12 way MK3 Terminal Block Custom module – contact E2S
Cable entries:[e]	A B C D E F G H I J	3 × M20x1.5mm 2 × 1/2" NPT – adaptors 2 × 3/4" NPT – adaptors 2 × M25x1.5mm – adaptors 1 × 1/2" NPT – adaptor 1 × 3/4" NPT – adaptor 1 × M25x1.5mm – adaptor 3 × 1/2" NPT – adaptors 3 × 3/4" NPT – adaptors 3 × M25x1.5mm – adaptors
Stopping plug/ adaptor material: [m]	B N S	Brass Nickel Plated Stainless Steel
Equipment tag: [s]	1 2	No Equipment tag St.St. Equipment tag
Product version: [v]	A	IECEX, ATEX
Product option: [o]	1 X	Standard product Custom configuration – contact E2S
Enclosure colour: [x]	R S	Red Special – contact E2S for alternative enclosure colours