



EU DECLARATION OF CONFORMITY
DECLARACIÓN UE DE CONFORMIDAD

3EBasor
CABLE TRAY SPECIALIST
www.basor.com

The company / La Empresa:

BASOR ELECTRIC, S.A.

Address / Dirección:

Av. Alcodar, 45-47, 46700. Gandía (VLC), Spain.

Declares that the product:

Declara que el producto:

BASORTRAY ERE

Installed in accordance to the installation standards, manufacturer's instructions and professional rules, duly maintained and used for the applications as intended.

Instalado de acuerdo con las normas de instalación, instrucciones del fabricante y conforme a las reglas profesionales, debidamente mantenido y utilizado en las aplicaciones para las que está previsto.

Complies with the essential requirements of the Council Directives:

Cumple con los requisitos esenciales de las Directivas del Consejo:

2014/35/UE (Low Voltage Directive) / (Directiva de Baja Tensión)

Incorporated in the Spanish Legislation in: R.D. 187/2016.

Incorporado en la Legislación Española en: R.D. 187/2016.

And it is suitable and safe for the intended use and it is in conformity with the following standard:

Es adecuado y seguro para el uso a que está destinado y es conforme con la siguiente norma:

EN IEC 61537

Additional information:

Información adicional:

This product is intended to be installed and maintained by skilled persons, it may be used by ordinary persons only as a replacement part, to substitute for an identical device.

Este producto está previsto para ser instalado y mantenido por un profesional, puede ser usado por una persona no formada para reemplazamiento de uno idéntico.

Place and date:

Lugar y fecha:

Gandía May 2016

Gandía Mayo 2016

Technical Department / Departamento técnico



Certificate N° 3198065/11



Certificate N° 3198065/12

ERE

Model (BxH):

100x35; 150x35; 200x35; 300x35;
 100x60; 150x60; 200x60; 300x60; 400x60; 500x60; 600x60;
 100x80; 150x80; 200x80; 300x80; 400x80; 500x80; 600x80;
 100x100; 150x100; 200x100; 300x100; 400x100; 500x100; 600x100.

Materials and Coating:

PG - Pre Galvanized acc. to EN 10346 (Steel Grade DX51).

PGP - Pre Galvanized acc. to EN 10346 (Grade DX51) + Polyester Powder Coating.

ZAM3K - Pre Galvanized with ZnAlMg coating, acc. to EN 10346 (Steel Grade DX51).

HDG - Hot-Dip Galvanized acc. to ISO 1461 (Steel DD11 acc. to EN 10111).

Characteristics of the cable tray:

- Metallic
- Non-flame propagating component
- Sistem with electrical continuity
- Electrically conductive component
- Minimum temperature of -50 °C
- Maximum temperature of 150 °C
- Impact Strength: 20J
- With metallic coating, resistance to corrosion:
 - PG coating: class 3
 - PGP coating: class 8+ (>1000 hours in salt spray test)
 - ZAM3K coating: class 8+ (>3000 hours in salt spray test)
 - HDG coating: class 5 (45 µm)
- Classification acc. to the free base area:
 - Non-drilled tray: A
 - Drilled tray:



Base Models	Classification
100	B
150	B
200	B
300	B
400	B
500	B
600	B

*To ensure electrical continuity on PGP coated models, DIN6798 Serrated lock washers must be installed together with the B1 set.

ASSEMBLING INSTRUCTIONS

- To set up the self-assembly system 4 B1 bolt sets are needed for each cable tray and no union is needed.
- The position of the union must be placed between L/4 and L/5 from the support, being "L" the distance between supports.
- Tray installations for electrical systems should NOT run under other types of canalizations such as water, steam or gas.
- To guarantee a good ventilation we recommend installing the trays keeping a minimum distance of 250 mm between each tray.
- To allow optimal ventilation of the cables, trays placed on supports must be separated 20 mm from the wall.
- Bends, accessories and derivations (CERC, CERC, SERC, TERC and CRERC) must be assembled using just B1 bolt sets on one end, on the other end union joints JUER are needed.

Accessories:

This family has large array of accessories: Cover TERE, cover clamp PTERE, divider PS, horizontal bend CPERC, vertical inside/outside bends CCERC/CXERC, T intersection TERC, cross intersection CRERC, reduction REER, union joint platesJUER, articulated union joints JUER-A, horizontal angle joints JUER-B.

SAFE WORKING LOAD

