

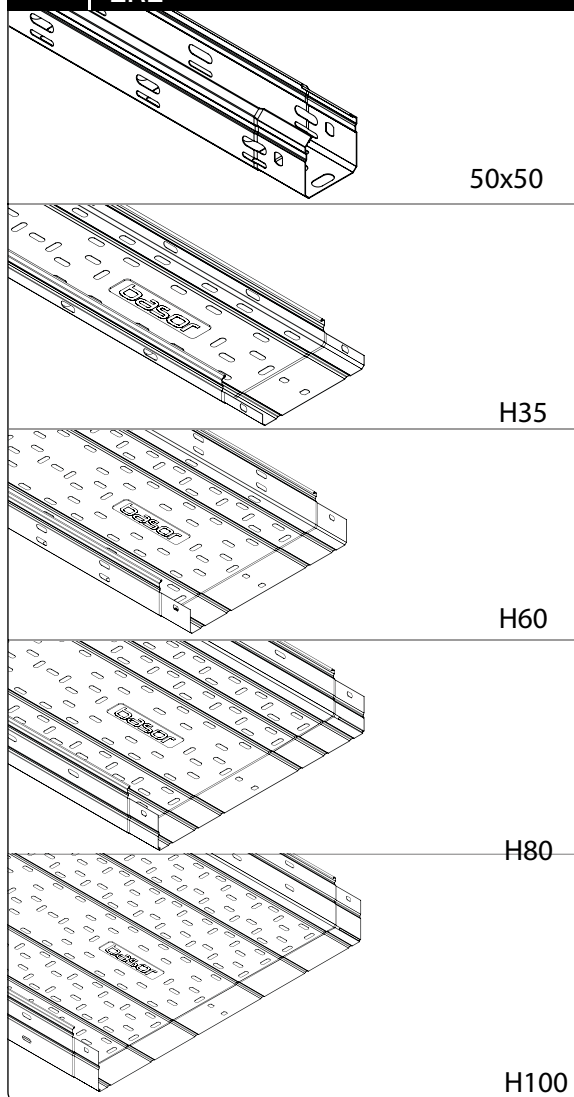


Certificado Nº SGI 3198055/11



Certificado Nº SGI 3198055/12

ERE



Models (BxH):

50x50;

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.

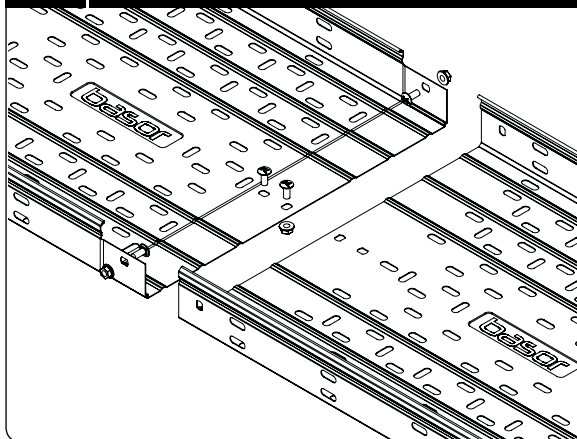
Finishes: PG; HDG;ss304;ss316.

Characteristics of the cable tray:

- Metallic
- Non-flame propagating component
- System with electrical continuity
- Electrically conductive component
- Minimum temperature of -50 °C
- Maximum temperature of 150 °C



ASSEMBLING INSTRUCTIONS



- Set up the self-assembly system 4 B1 bolt sets are needed for each cable tray and no union are needed.
- The tray installation for an electrical system should NOT run under other types of canalisations such as water, vapour or gas.
- To guarantee a good ventilation we recommend installing the trays keeping a minimum distance of 250 mm between each tray.
- Trays which are placed on supports shall have to keep a gap of 20 mm from the wall to allow for a correct ventilation of the cables.

Accessories:

This family has large array of accessories: Cover, cover clamp, divider, horizontal bend, vertical inside/outside bends, T intersection, cross intersection, reduction, union joint plates, articulated union joints, horizontal angle joints.

SAFE WORKING LOAD / NEMA CLASIFICACION

PG/HDG

	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
ERE 100-300x35	19,2 (12,9)	7,5 (5,0)	-	-
ERE 100-600x60	111,5 (74,9)	43,6 (29,3)	5A	8AA
ERE 100-600x80	80,8 (54,3)	31,5 (21,2)	5A	-
ERE 100-600x100	111,5 (74,9)	43,6 (29,3)	5A	8AA

ss304/ss316

	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
ERE 100-300x35	19,2 (12,9)	7,5 (5,0)	-	-
ERE 100-600x60	111,5 (74,9)	43,6 (29,3)	5A	8AA
ERE 100-600x80	135 (90,75)	51,0 (34,3)	5A	8AA
ERE 100-600x100	138,4 (93,0)	54,1 (34,3)	5A	8AA

NOTE: Safety factor 1,5

MAXIMUM FUSE AMPERE RATING / NEC CLASIFICATION

To use the tray as equipment grounding conductor is required to consider the following table:

Model (BxH)	Min. Cross-Section	Max. Amp
mm	mm ² (in ²)	Acc. NEC 392.7
ERE 100x35	79 (0.122)	*
ERE 150x35	107 (0.166)	*
ERE 200x35	127 (0.197)	*
ERE 300x35	189 (0.293)	60
ERE 100x60	99 (0.153)	*
ERE 150x60	126 (0.195)	*
ERE 200x60	158 (0.245)	60
ERE 300x60	245 (0.380)	60
ERE 400x60	349 (0.541)	100
ERE 500x60	417 (0.646)	100
ERE 600x60	485 (0.752)	200
ERE 100x80	138 (0.214)	60
ERE 150x80	157 (0.243)	60
ERE 200x80	202 (0.313)	60
ERE 300x80	295 (0.457)	100
ERE 400x80	406 (0.629)	100
ERE 500x80	474 (0.735)	200
ERE 600x80	542 (0.840)	200
ERE 100x100	152 (0.236)	60
ERE 150x100	171 (0.265)	60
ERE 200x100	217 (0.336)	60
ERE 300x100	313 (0.485)	100
ERE 400x100	426 (0.660)	100
ERE 500x100	494 (0.766)	200
ERE 600x100	562 (0.871)	200

* The total cross sectional area of the cable tray shall not be less than 0.20 square in. (129 sq. mm).

If that have a cross sectional area less than 0.20 square in. must be provided with the Bonding Jumper Ground Connection (10 AWG wire)

For the cases with a Bonding Jumper Ground Connection, 60A fuse protection is required.