

# STAINLESS STEEL

ENCLOSURE SOLUTIONS

HIGH PROTECTION FOR HARSH ENVIRONMENTS



## e nux STAINLESS STEEL

The new suite cabinet system from ETA



A wide range of free-standing cabinets designed and manufactured according to the new concepts typical of E NUX in mild steel material: 30 standard dimensions available with blank or plexi door, with single or double door supplied with a rigid structure and available in both AISI304L and AISI316L material.

The profile used for uprights and crosspieces is unique, closed with continuous welding and free of sharp edges. The bottom is a single piece with box-type structure made of press-bent welded profiles, while the frame corners are manufactured with AISI316L stainless steel orthogonal joints laser welded to vertical upright rails and horizontal rails for the roof and bottom. Front inserted mounting plate EUPA, side panels EUFX, modular plinth EUZX and further accessories to be supplied separately.

Protection rating: IP55, Nema 12, IK10.

Available on request: cabinet with single door and joined in a suite with protection rating IP 56/IP65, Nema 4X.



Easy assembly thanks to the orthogonal joint and wide range of standard accessories

FUNCTIONALITY

RESEARCH

Eye-catching and functional lever-operating handle

DESIGN

SUSTAINABILITY

New energy-saving laser welding technology

All the screws and components in contact with the environment are manufactured from stainless steel

Possibility of customisation & cut-outs

FLEXIBILITY

STRENGTH

Robust structure of the cabinet due to the new manufacturing concept

### AND MORE SOLUTIONS FOR YOUR APPLICATIONS

Further to E NUX & E COR stainless steel products, a wide range of high-quality enclosure solutions manufactured from AISI304L stainless steel material (AISI316L upon request) is available.



**E MOX**  
Monobloc cabinets

Provided with a completely welded structure, removable screw rear panel and mounting plate.  
Protection rating: IP66 (single door) - IP55 (double door), Nema 12, IK10



**E COMP**  
Compact enclosures

For applications where a free-standing monobloc cabinet smaller than E MOX or a wall-mounting box larger than E COR is required. AoR.  
Protection rating: IP55, Nema 12, IK10



**Control desks**

- Monobloc control desk ZBX including mounting plate. Protection rating: IP55, Nema 12, IK10
- Modular control desk D=400mm. Protection rating: IP55, Nema 12, IK10 (for MEX e AEX)



**SDX**  
Terminal boxes

Protection rating: IP66 - IP69K, Nema 4X, IK10



**SHX**  
Pushbutton boxes

Supplied with blank cover or punched cover with holes for buttons diam. 22,5mm.  
Protection rating: IP66 - IP69K, Nema 4X, IK10



**FPX**  
Enclosures with sloped roof

Protection rating: IP66, Nema 4X, IK10

Nothing is more critical than your components.

At ETA we are constantly aware of that. That's why everything about our enclosure solutions is designed with those components, applications & specific installation environments in mind.

**Application**  
Indoor & outdoor

**Critical aspect**  
High resistance to chemical and environmental agents

**Material & environment**

- AISI304L for Urban and industrial environments C3
- AISI316L for Industrial & sea environments C4 and C5
- ATEX solutions for Potentially explosive atmospheres due to inflammable substances such as gas, steam, fume or dust

**The solution**  
ETA enclosures manufactured from AISI304L and AISI316L stainless steel material

...and more!

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Certified welding process UNI EN 15614 WPAR (Welding Procedure Approval Record) and WPS (Welding Procedure Specification)

Certification of the quality management system according to ATEX standard

Highly qualified & trained staff

Customisation with holes, cut-outs, special dimension & professional assistance for special projects



# e cor

## STAINLESS STEEL

To simply protect  
New range of boxes



E COR is the new range of boxes designed by ETA and launched in 2013: new concepts, materials & design to grant the maximum performance and functionality to the enclosure. E COR is the "small" shell to protect the core of your application.

A completely welded enclosure without cable entry and supplied with mounting plate, available in 22 standard dimensions with blank door, 6 standard dimensions with plexi door and many accessories (wall-mounting brackets, inner door, modular kit and plinth to be supplied separately).

Protection rating: IP66, Nema 4X (single door) - Nema 12 (double or plexi door), IK10.



New stainless steel hinges and front door with reduced edges allowing the opening of the door when two boxes are joined in a suite on their sides

FUNCTIONALITY

Mounting plate provided with buttonhole in the corners to enable simple fixing & wiring

EASINESS

DESIGN

Front door with bevelled edges and new eye-catching locking cover for double door boxes

ADDED VALUE

PROTECTION

Box manufactured from pre-satin stainless steel material covered with PVC wrap, then enclosed in a new packaging

STRENGTH

New deep-drawn front door manufactured from a unique piece, thus granting extreme rigidity and supplied with silicone gasket

Locking system body in zinc alloy and lever in stainless steel

### STAINLESS STEEL BOXES WITH BLANK DOOR

DIMENSIONS			CODE
W	H	D	
200	300	150	ECOR2-315X
300	400	150	ECOR3-415X
300	400	200	ECOR3-420X
400	300	150	ECOR4-315X
400	400	200	ECOR4-420X
400	500	200	ECOR4-520X
400	600	200	ECOR4-620X
500	700	250	ECOR5-725X
600	400	200	ECOR6-420X
600	600	200	ECOR6-620X
600	600	250	ECOR6-625X
600	600	300	ECOR6-630X
600	800	200	ECOR6-820X
600	800	250	ECOR6-825X
600	800	300	ECOR6-830X
600	1200	300	ECOR6-1230X
800	800	300	ECOR8-830X
800	1000	300	ECOR8-1030X
800	1200	300	ECOR8-1230X
1000	1000	300	ECOR10-1030X
1000	1200	300	ECOR10-1230X

### E COR-EEX ELECTRICAL ENCLOSURES COMPLYING WITH ATEX



Manufactured according the same concept of E COR, the E COR-EEX version is provided with anti-rotation and captive external stud: this product is the ideal solution for explosive atmospheres (ATEX).

Protection rating: IP66, Nema 4X, IK10

Classification:

- Ex II 2GD
- Ex e II T6 (increased safety)
- Ex ia IIC T6 (intrinsic safety)
- Ex tD A21 IP66.

### ELECTRICAL STAINLESS STEEL ENCLOSURES

DIMENSIONS			CODE
W	H	D	
200	300	150	ECOR2-315EEX
300	400	150	ECOR3-415EEX
300	400	200	ECOR3-420EEX
400	300	150	ECOR4-315EEX
400	400	200	ECOR4-420EEX
400	500	200	ECOR4-520EEX
400	600	200	ECOR4-620EEX
500	700	250	ECOR5-725EEX
600	400	200	ECOR6-420EEX
600	600	200	ECOR6-620EEX
600	600	250	ECOR6-625EEX
600	600	300	ECOR6-630EEX
600	800	200	ECOR6-820EEX
600	800	250	ECOR6-825EEX
600	800	300	ECOR6-830EEX
600	1200	300	ECOR6-1230EEX
800	800	300	ECOR8-830EEX
800	1000	300	ECOR8-1030EEX
800	1200	300	ECOR8-1230EEX