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Product Updates

ETANEXT

WITH THE HEAD, THE HEART, AND THE PASSION OF ALL TIME

New E COR range – Wall-mounting boxes
manufactured from mild steel material

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New range of E COR Wall-mounting boxes

GOAL

To offer Business partners a new range of wall-mounting boxes in DC01 sheet steel featured by innovative characteristics and flexibility.

SOLUTION

A box manufactured with the criteria of Industry 4.0, able to offer dedicated solutions tailored to your needs.

Overview of Wall-mounting solutions

ST

OLD

e cor Fe

NEW

e cor STAINLESS STEEL

eta

E COR wall-mounting solutions (mild steel and stainless steel)

Download the «E COR» catalogue in .pdf format for the new E COR range manufactured in mild steel / General catalogue Release 21 in .pdf format for the E COR range manufactured in stainless steel – www.eta.it DOWNLOAD / INDUSTRIAL AUTOMATION

Compatibility with ST range

- Dimensions and plate fixing hole centre distances unchanged

- External enclosure dimensions unchanged

- Wall mounting hole centre distances unchanged

E COR Dimensions

- **STANDARD:** from **200 x 300 x 150** to **1200 x 1200 x 300**

- **CUSTOM:** from **300 x 300 x 120** to **800 x 1200 x 300** with production "to the millimetre" (maximum depth. 350: 600 x 1000 x 350) with metric or imperial units of measure

BENEFITS of the range

- Side-by-side Mounting with simultaneous opening of the adjacent doors

- Increased interior capacity thanks to the additional 7 mm in depth

- Trilobular M5 mounting screws

- New short arc welding technology for stud bolts

BENEFITS of the range

Enclosure

- Structured fold with an 80° inclination for greater structural rigidity

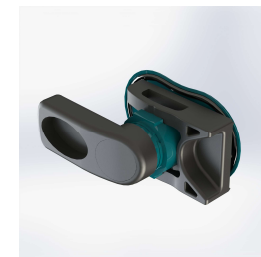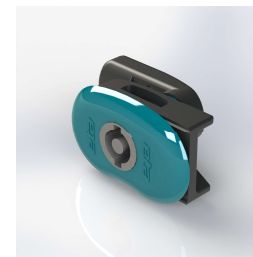- New wall mounting system with expansion nut and easy fastening from the outside the box

Door

- Reversible front door with welded reinforcement profiles

- Transparent door supplied in tempered glass

- New concept and shape for pressed steel hinges

- New design for 180° hinges; possibility of installation without machining the door

Locking system

- Locking system with quick installation, 1/4 turn and metal insert
- Available in ocean blue RAL 5020 with ETA logo (standard) or black with ETA logo
- Available version with keylock
- On request: RAL 5020 without logo, black without logo

BENEFITS of the range

Mounting plate

- Rapid Plate installation thanks to the slotted plate design and stud bolts with integrated spacers
- Markings (removable with appropriate product) to facilitate wiring

Cable entry

- Enlarged opening and non funnel-shaped cable entry
- Four dimensions
- Double cable entry for W ≥ 600 mm
- Bordered flange, fitted with a polyurethane gasket (lower total flange + screw protrusion than previous version)
- Conductive earth flange with single screw (identified with marking)
- Engravings to the mounting plate to assist the user with mounting plate sizing information

Accessories

- Wiring support, creation of an internal structure and depth adjustment of the accessories at 25 mm intervals thanks to the universal cross-pieces (with front fastening to the universal brackets)
- Protective canopy compatible with pole mounting, easy to install thanks to the new concept

Customization

- Type and colour of the finishing: textured, smooth, polyester, epoxy-polyester, RAL, ANSI, MUNSELL

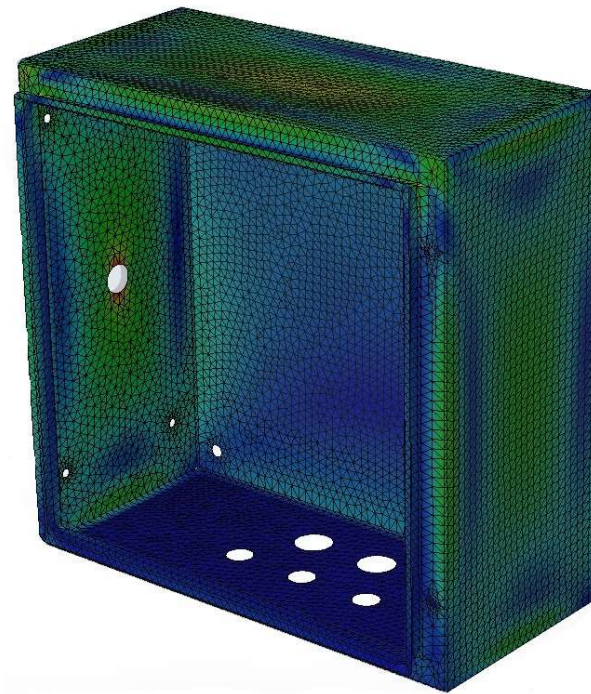- Special finishing cycles: specific powder coatings for outdoor applications, increased thicknesses, double colour (inside/outside)

- Machining and Louvres

- Studs

- Assembly of accessories

- Silicone gasket

- Thermal calculation

- Ad hoc special projects

- Solutions with Seismic Design

A new system of part numbers

Enclosure with standard dimensions as per the catalogue

EC030415.P.0001

EC range of the E COR product

03 width

04 height

15 depth

.P possible product version

.0001
possible progressive number identifying the special processing for the customer (generated by ETA upon order confirmation)

Enclosure with special dimensions not included in the catalogue
(code generated by ETA)

EC.00100.P.0001

EC range of the E COR product

.00100 progressive number identifying the special dimensions for the customer (generated by ETA upon order confirmation)

.P possible product version (generated by ETA upon order confirmation)

.0001 progressive number identifying the special processing for the customer (generated by ETA upon order confirmation)

Protection rating and approvals

Protection rating:

With single blank door:	IP66	Nema 4	IK 10
With double blank door:	IP66	Nema 12	IK 10
With glazed door:	IP66	Nema 12	IK 10

Approvals:

CE Ex RINA cULus LISTED EAC RoHS

my eta Download the Declaration of conformity in .pdf format - DECLARATIONS OF CONFORMITY
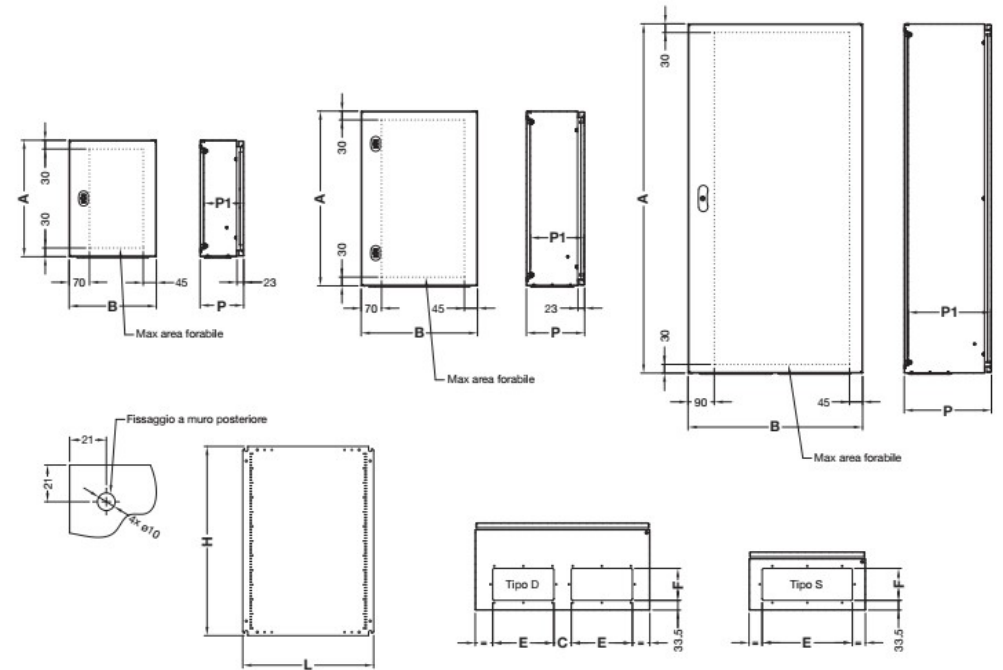
2D and 3D drawings

To add ETA boxes into your Technical Project

Download the 2D drawings in .dwg/.dxf/.pdf format – DRAWINGS / E COR / DWG – DXF – PDF

Download the 3D drawings in .step format – DRAWINGS / E COR / 3D STEP / different folders according to product range

Assembly Instructions

Do you need help to assemble your accessories or have you lost the instructions? No problem, they are available online!

Download the assembly instructions in .pdf format – DRAWINGS / E COR / ASSEMBLY INSTRUCTIONS

Packaging and ETA logo

ETA packaging in green 369C colour with all-over logo printing

Locking system with ETA logo to guarantee brand identification

Promotion

ADV that can be modified according to the format

Low-resolution and high-resolution pictures available for creating promotional contents and press release

Download the pictures in .jpg format 72dpi and 300dpi – PICTURES / INDUSTRIAL AUTOMATION / E COR

WITH THE HEAD, THE HEART, AND THE PASSION OF ALL TIME

e COR
Fe

To be able to offer you this Wall Mount Enclosure we have built a new manufacturing unit in Italy, featuring state-of-the art machinery complying with Industry 4.0 requirements and an extreme attention to sustainability. E COR was designed by ETANEXT, our research & development centre, who studied innovative techniques to offer you a unique solution. E COR because "Cor" in Latin means Heart and we know what it means... to build with the Heart.

CREATED WITH PASSION
www.eta.it

Stock availability

The new E COR range in mild steel material will be available starting from September 2020, in pre-order from July 2020.

Our team is available for a dedicated presentation and a technical meeting focused on the availability of ST boxes, the conversion of existing projects from ST to E COR and the management of the new stock.

Thank you

innovative
enclosure solutions
for industrial & electronic
applications