QTP 96192

Quick Terminal Panel
container DIN 96x192

TECHNICAL MANUAL

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QTP 96192 Rel. 5.00 *Edition 29 November 2002*

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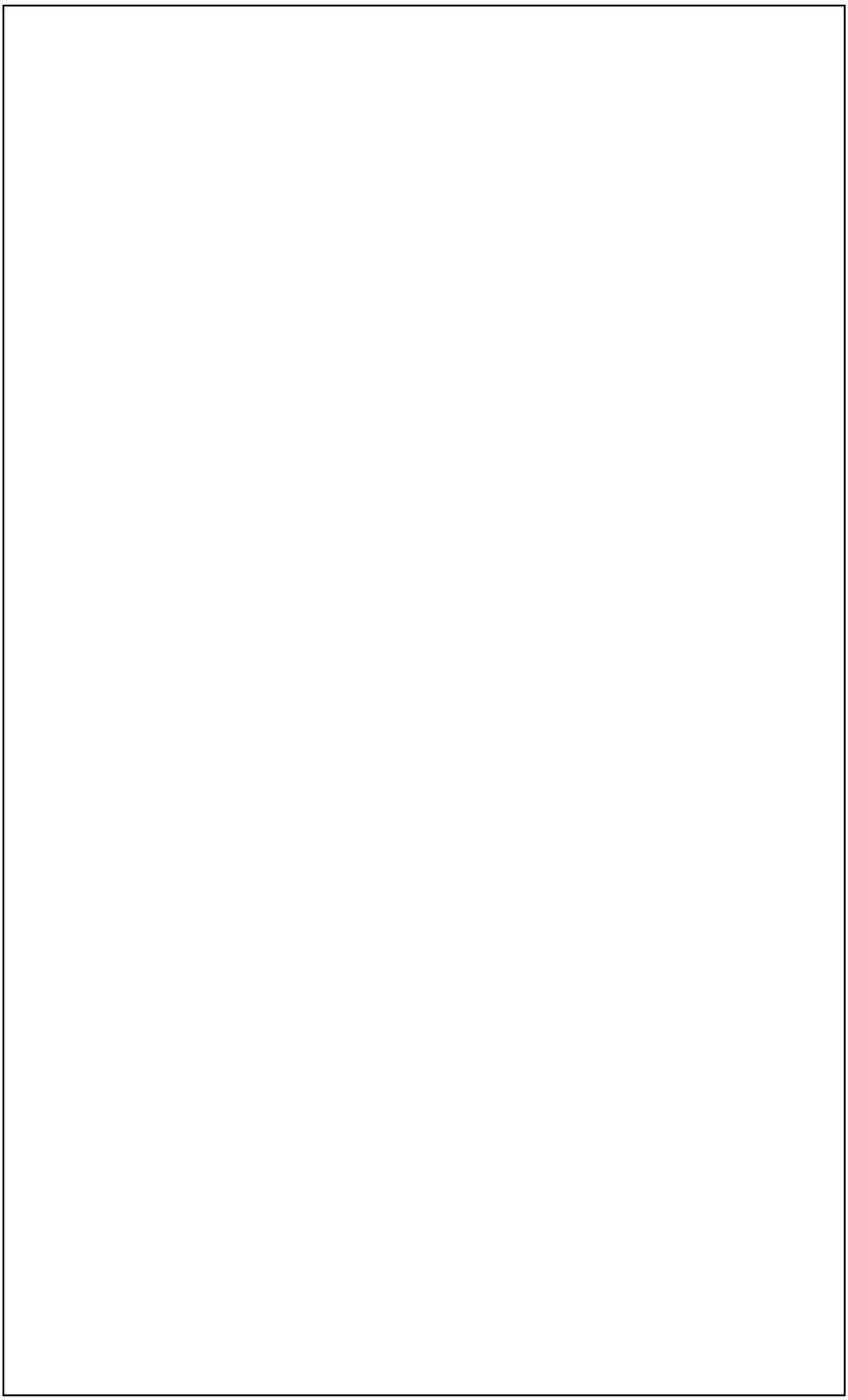

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Metallic container in standard **DIN 96x192** format; front panel in polycarbonate; countersink holes for the insertion of three **professional keys**; **threaded mounting** for installing **QTP**; provided with **screws** and **clamps** for rack mounting; depth 48 mm; suitable for **QTP 03**, **QTP 4x6** and **QTP PCK** with display in 20x4 Big format.

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For specific informations on the components mounted on the card, please refer to the Data Book of the builder or second sources.

SYMBOLS DESCRIPTION

In the manual could appear the following symbols:

Attention: Generic danger

Attention: High voltage

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INTRODUCTION

The use of these devices has turned - IN EXCLUSIVE WAY - to specialized personnel.

The purpose of this handbook is to give the necessary information to the cognizant and sure use of the products. They are the result of a continual and systematic elaboration of data and technical tests saved and validated from the manufacturer, related to the inside modes of certainty and quality of the information.

The reported data are destined- IN EXCLUSIVE WAY- to specialized users, that can interact with the devices in safety conditions for the persons, for the machine and for the enviroment, impersonating an elementary diagnostic of breakdowns and of malfunction conditions by performing simple functional verify operations , in the height respect of the actual safety and health norms.

The informations for the installation, the assemblage, the dismantlement, the handling, the adjustment, the reparation and the contingent accessories, devices etc. installation are destined - and then executable - always and in exclusive way from specialized warned and educated personnel, or directly from the TECHNICAL AUTHORIZED ASSISTANCE, in the height respect of the manufacturer recommendations and the actual safety and health norms.

The devices can't be used outside a box. The User must always insert the cards in a container that rispect the actual safety normative. The protection of this container is not threshold to the only atmospheric agents, but specially to mechanic, electric, magnetic, etc. ones.

To be on good terms with the products, is necessary guarantee legibility and conservation of the manual, also for future references. In case of deterioration or more easily for technical updates, consult the AUTHORIZED TECHNICAL ASSISTANCE directly.

To prevent problems during card utilization, it is a good practice to read carefully all the informations of this manual. After this reading, the User can use the general index and the alphabetical index, respectly at the begining and at the end of the manual, to find information in a faster and more easy way.

QTP 96192
CONTAINER FOR OPERATOR PANNELS
QTP 03, QTP 4x6, QTP PCK

PHYSICAL FEATURES

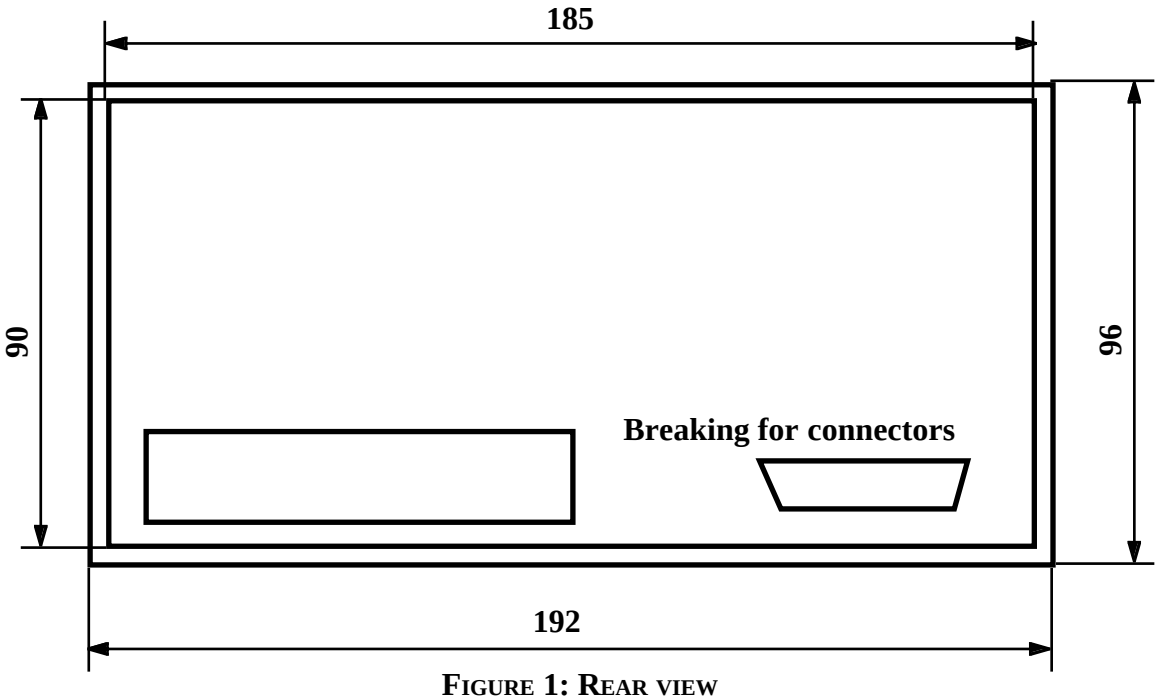

FIGURE 1: REAR VIEW

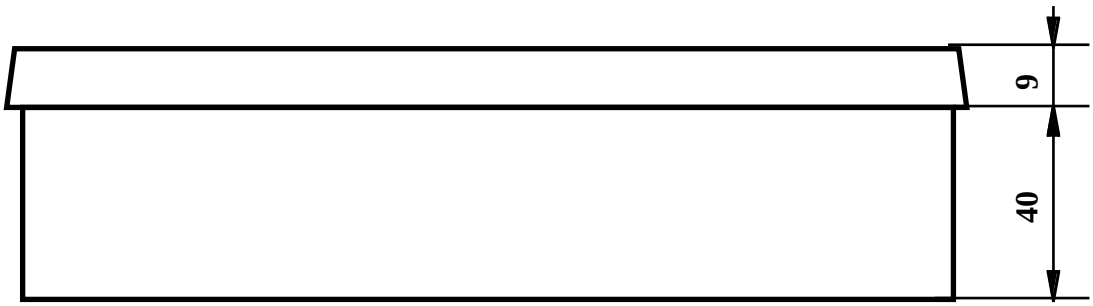

FIGURE 2: SIDE VIEW

Size: Standard DIN 96x192 (96x192x49 mm)

Weight: 306 g

MATERIAL PROVIDED

- Front panel made in polycarbonate with countersink holes to mount three professional keys
- 4 screw nuts to fix the **QTP** on the frontal's threaded mounting
- Metallic container in standard DIN 96x192, depth 49 mm
- A pari of clamps and screws to mount the panel to the rack

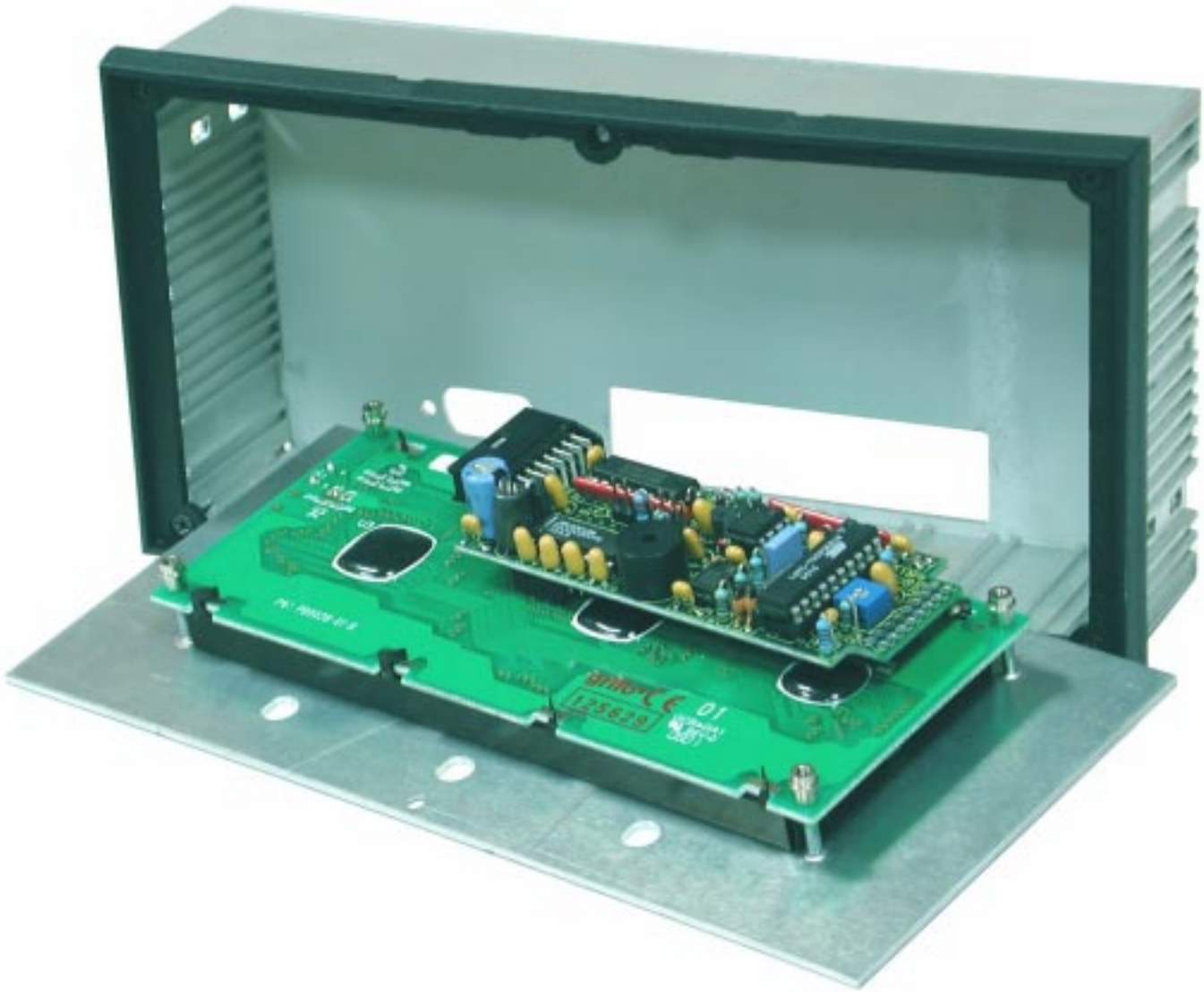

FIGURE 3: QTP4X6-C4B MOUNTED ON THE FRONTAL

OPERATOR PANELS

Contenitore **QTP 96192** can host the following operator pannels with indicated display format:

QTP 03

QTP 96192 + QTP 03-C4B =
QTP 03-H-C4B: Display LCD BIG 4 rows by 20 characteres backlit

QTP PCK

QTP 96192 + QTP PCK-C4B =
QTP PCK-H-C4B: Display LCD BIG 4 rows by 20 characteres backlit

QTP 4X6

QTP 96192 + QTP 4x6-C4B =
QTP 4x6-H-C4B: Display LCD BIG 4 rows by 20 characteres backlit

LABEL INSERTION

Container **QTP 96192** is provided with a slit for personalization, where the user can put a label with one's logo, an ID code or other things. If the user wants to insert the label the must do this before mounting the **QTP**. The label must be made by the user using a thin and rigid material like, for example, 80 g/m^2 paper, polyester or polycarbonate. In the following figure the suggested size in millimiters are pictured; please note the "greyed" zone, it corresponds to the part of the label that will be visible through the window of the frontal.

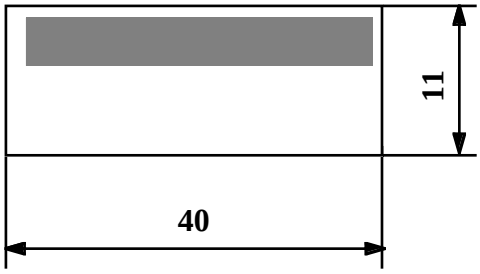

FIGURE 4: SUGGESTED SIZE OF PERSONALIZATION LABEL

Here follow the operations to perform to insert the personalization label in the **QTP 96192**.

1) The label must be inserted in its specific slit located behind the window in the top right corner (watching the front panel from behind) corresponding to the window itself in the top left corner (watching the front panel frontally) as indicated in the figure.

2) Mount **QTP**.

3) If the user wants to mount also the keys, please refer to specific next paragraph.

4) If the user also wants to install the front panel using the screws, please refer to next paragraph.

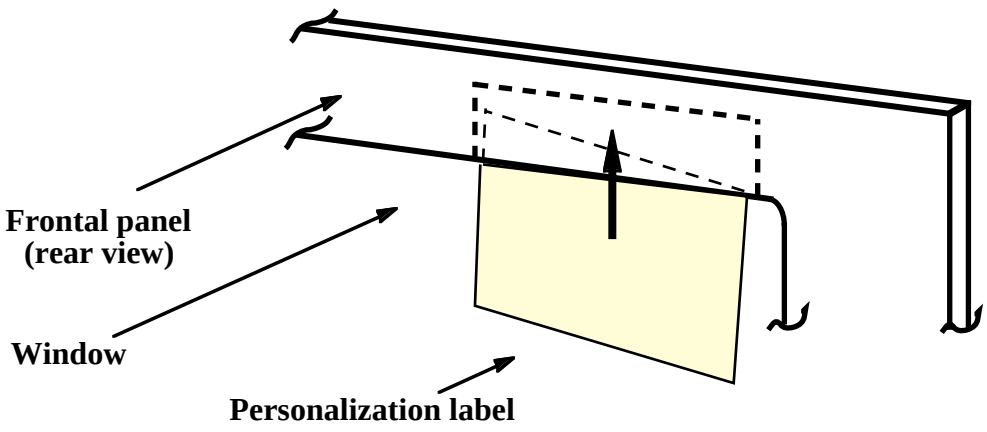

FIGURE 5: PERSONALIZATION LABEL INSERTION

FIXING THE FRONT PANEL TO THE CARTER

Container **QTP 96192** is supplied with front panel fitted or fittable to the rear carter. If the user wants to improve the mechanical fixing between paner and carter, to avoid an accidental panel out-of-frame, the he/she must follow these instructions point by point:

1) Unscrew the two central screws.

2) On the front panel, in correspondance to those two central screws, there are two countersink holes which are visible only in the rear view. To get these holes accessible, the user needs to hole the polycarbonate panel covering.

3) Mount **QTP**.

4) If the user wants to mount the front keys, please refer to next paragraph.

5) Remount fron and carter, using the same screws of point 1, that will be screwed to the front panel now, instead to the carter.

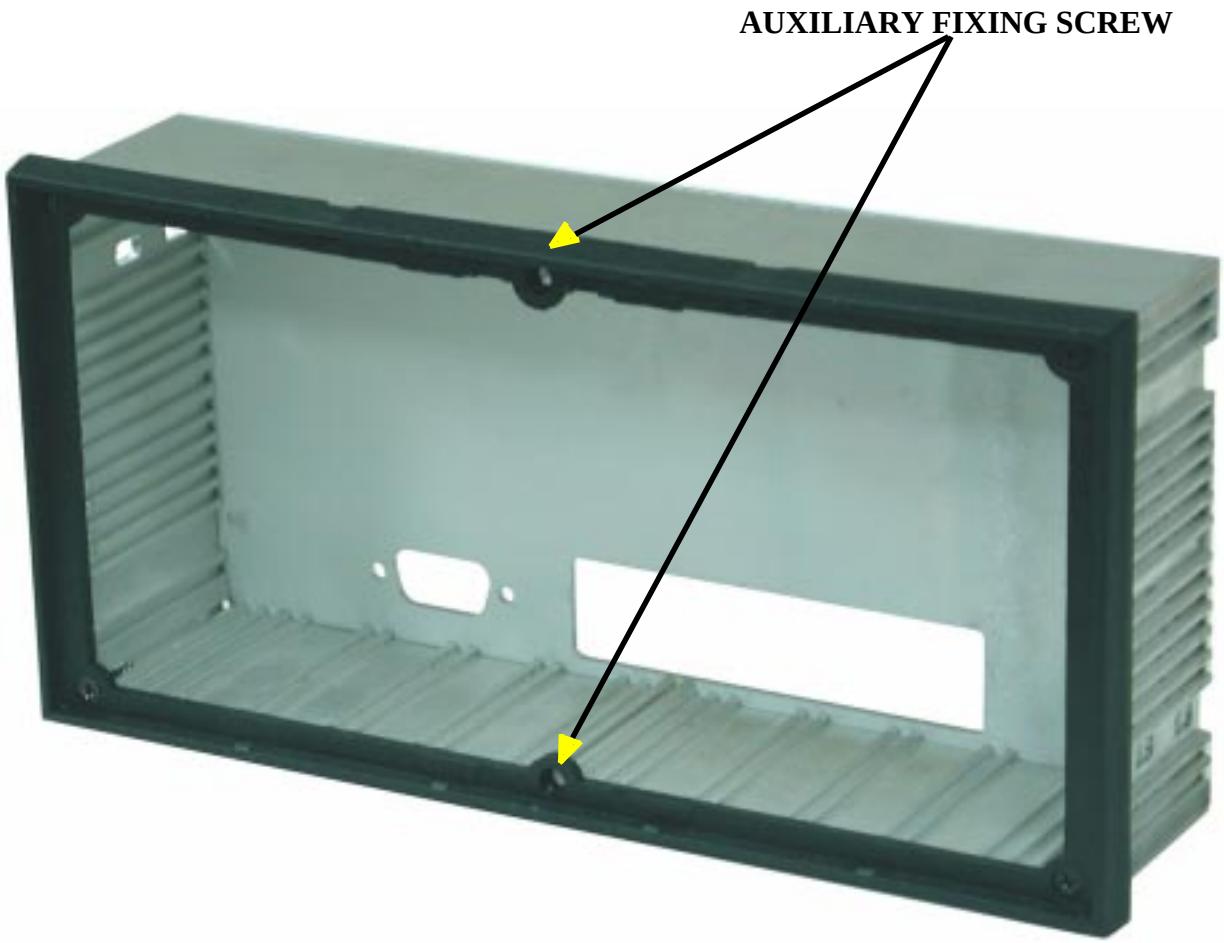

FIGURE 6: CARTER

INSERTING THE KEYS IN THE FRONT PANEL

Container **QTP 96192** is prepared for the insertion of three keys in the front panel; the keys can be connected to hosted **QTP** card and managed through its firmware (for further information please refer to **QTP** manual).
Mechanically, the countersink holes are made to host professional keys type **C&K 8125** or similar.

Here follow the instructions to add the keys:

1) Behind the front panel the countersink holes to host the keys are already present, on the other side making a hole in the polycarbonate is enough to make the holes accessible; then mount the keys using their washer, tab washer and nut.

2) If the user wants to insert the personalization label, please refer to the specific previous paragraph.

3) Mount **QTP**.

4) Perform the electric connection of the keys to AMP connector of **QTP** (for further information please refer to QTP manual).

5) If the user wants to fix the front panel using screws,please refer to previous paragraph.

FIGURE 7: QTP 96192 (FOR QTP 4X6 WITH DISPLAY LCD 20X4 BIG) AND QTP 72144

MECHANICAL MOUNTING

To mount the metallic container you should make a break with the following size:

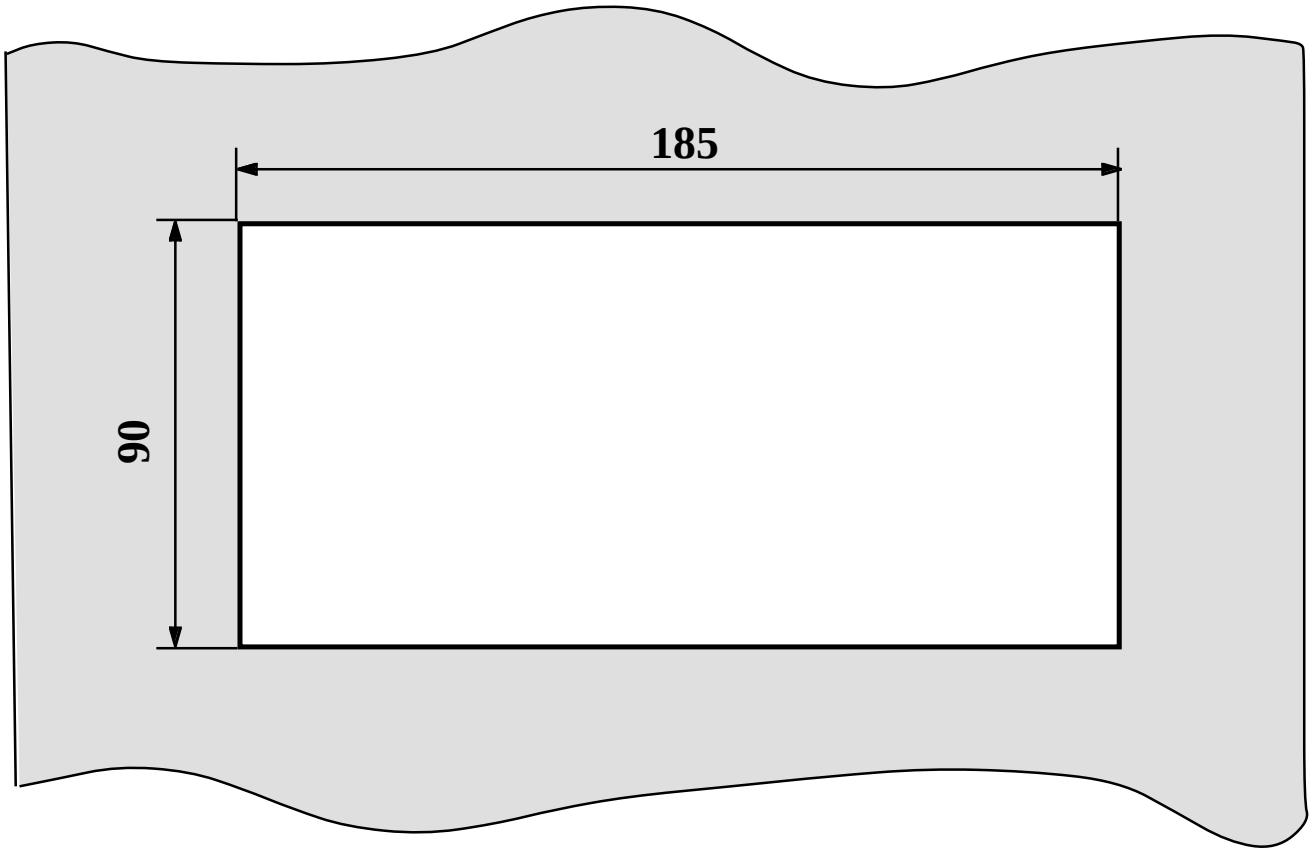

FIGURE 8: BREAK SIZE FOR MECHANICAL MOUNTING