

WHAT'S NEW?

1. New BoxCAD 3.0 is more intuitive than ever



The **New version of BoxCAD** is a new and improved online product configurator that has been upgraded visually and technically to ease the process of creating customized enclosures online. The number of steps has been decrease to provide a much simpler and more mainstream navigation. We've been innovating with a drag and drop full size gridded window, users can easily place cut-outs, accessories or other features such as studs, stand offs, press fit fasteners and many more, by dragging the feature from an intuitive menu and dropping them on the surface that they are working on. In addition we

have exceeded the expectations by creating a universal interface that is more user-friendly, for a pleasant experience throughout the process. More accessories are available; a broader variety of industry standard cutouts is offered. To access BoxCAD simply visit the configuration web-site at : www.boxcadexm.com

Look for the BoxCAD logo to indicate if the enclosure is available for customization within the software.

2. New wide variety of small electronic enclosures



The new **GXXX series** enclosure family features a wide range of high quality enclosures for packaging and protection of electrical, electronic components and systems.

The GXXX series are a quality range of Polycarbonate, ABS, fiberglass and aluminum enclosures with IP ratings up to IP67 including RFI and EMI Shielded

options.

The thermoplastic enclosures are used for protecting electrical and electronic components operating in harsh outdoor environments. All Plastic and aluminum enclosure materials fulfill the requirements of the RoHS directive.

Many accessories are also available in this series

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3. New ES type enclosure with external locks



The new **5412 ESEL** is a more contemporary version of the traditional clamp type enclosure.

The 5412 ESEL has been designed with external screw type locks, that are situated on 3 sides of the enclosure for secure closing. Locks are added depending of the size of the enclosure.

The new screw type locks allows a bigger instrument mounting area on the door.

A full length piano hinge with a stainless steel pin permits 180 degrees opening.

Mounting feet are welded to the box to ease the installation on a flat surface.

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4. New double gasketed ES type enclosure



Based on the popular 5412 ES series, the new **5412 ESDG** water, oil & dust tight enclosures are used indoors or outdoors to provide protection against dust, water, dirt or oil splashing. The 5412 ESDG are made from quality 14 GA or 16 GA steel, with corner seems continuously welded. The captive pins of the concealed hinges can be pulled to remove

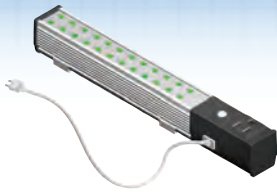
the door. A double gasket system, consisting of an external gasket that acts like a front line barrier against liquids, works in conjunction with the internal high quality robotically poured-in-place seamless gasket to ensure a complete and durable water tight seal.

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Data subject to change without notice.

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5. New enclosure LED lights



The new LED lights are designed to illuminate the interior of small to large enclosures with very low power consumption. It is perfect for energy saving and is eco-friendly as well. The light bars are motion activat-

ed and the length of use can be adjustable to minimize consumption.

Comes complete with 2 mounting brackets for easy installation.

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6. New anti-vibration wing nuts



The new anti-vibration wing nuts are an addition to our selection of hardware. These wing nuts are designed to be used on M5 fasteners that needs to be tightened or loosened frequently without the use of tools.

They have a nylon insert to capture the bolt or screw which in turn provides a locking feature.

They are used in applications where vibration or motion could loosen or undo the nut.

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7. The new padlockable handle



The new padlockable handle is a versatile, ergonomic and robust cast handle that may be used for a wide range of applications.

The handle is available with a key insert, a standard slot screw driver insert or a variety of other inserts.

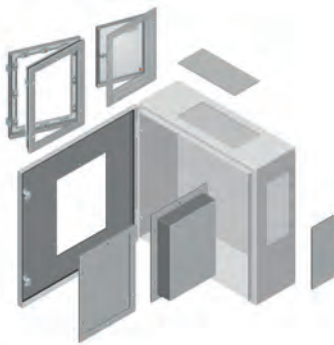
The unique design of the "L" han-

dle offers a padlock provision for increased security and accommodates single or multi-point latching.

The handle seals against dust and water penetration, making it ideal for applications which require IP-65 rating.

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8. New instrument mounting plates, gland plates & window kits



The new instrument mount gland plates are designed to permit standardization of the enclosures providing greater flexibility for the different cut-outs required with differing instrument combinations. The user can have the same enclosure with the same cut-out for the gland plate. Then the gland plate can be pierced by the user or the factory according to the requirements of the present project. There is no need to pre-pierce the enclosures and then

plug the holes that are not required. Also there is no need to manipulate a bulky enclosure, the holes are pierced on the gland plates that are smaller and easy to manipulate.

The instrument plates can be used in conjunction with the NEMA/EEMAC 4 window kits, to permit mounting of lower rated instruments on a type 4 enclosure. **See page : 485**

9. New power distribution solutions



EXM offers the new power distribution solutions.

Improved productivity: Multiple connections achieved at once. Pre-calibrated snap-on devices eliminate having to drill busbars.

Improved versatility & flexibility: Limitless configurations possi-

ble. Reconfigurable, scaleable & upgradeable.

Improved safety & security: Protection degree up to IP120.

Improved aesthetics: Organized and clean look.

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And many more new accessories are available!



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