NEW

EVO
the Power Line

The category leap

etelec®
electrical technology

# ΞVO
## the Power Line

# The category **leap**

The new series of **IP68 gel insulated joints and connecting devices**.
A whole innovative product, an idea that transforms a consolidated concept into an **absolute novelty**, which has the advantage of ensuring **safety**, **performance**, **speed** and **ease of use**.
Seven sizes and nine versions, all equipped with spring clamp or screw type terminal blocks..

# **Straight** connection

**EVO PX**          **EVO 01**

**EVO 02**          **EVO 03**          **EVO 04**          **EVO 05**

# **Branch** connection

**EVO 01D**
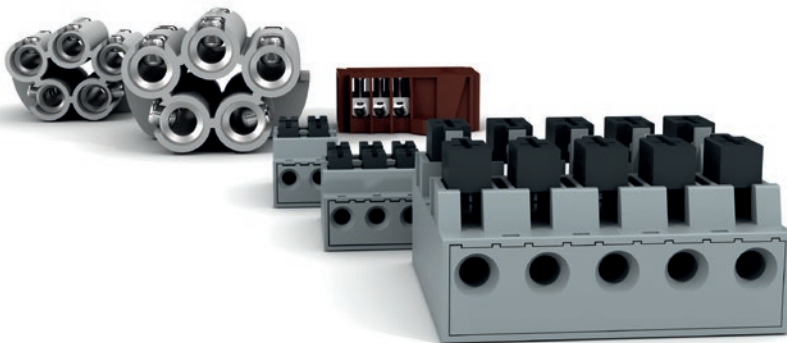
**EVO 02D**          **EVO 03D**

# The new
## EVO range

Nine models to enhance the characteristics of simplicity and reliability, with one eye on the experiences of the past and one towards the innovations of a completely new future.

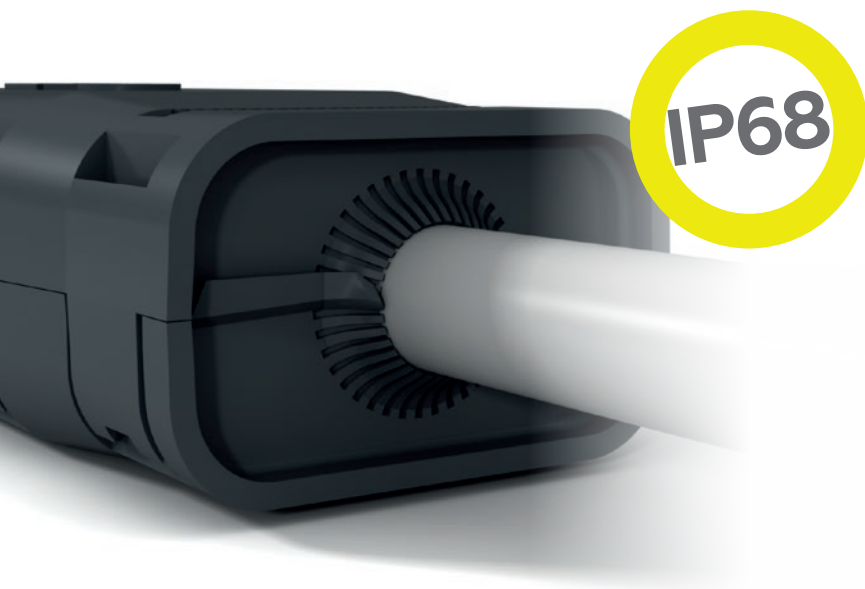EVO, the new Etelec range to satisfy every need.

# To each
## their own

Six straight and three branc models, for connections with screw and spring terminal blocks, **certified by Bureau Veritas**, for an **easier and faster installation**

# Eco logical

**100% recyclable cardboard boxes** and **blisters**, **made of PLA, the plant-based "non-plastic plastic", for a plastic-free packaging**, which projects us towards a future that is already present.
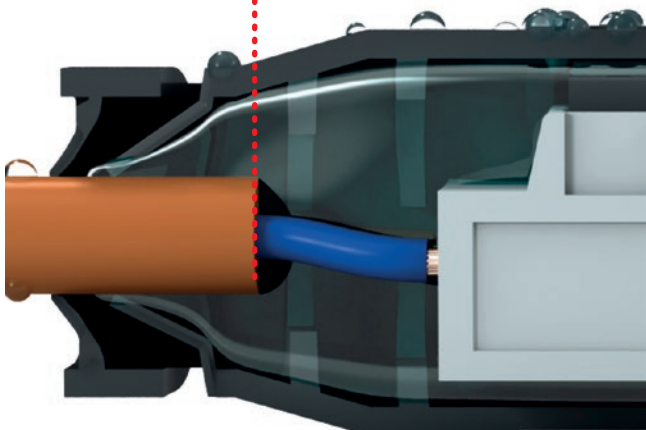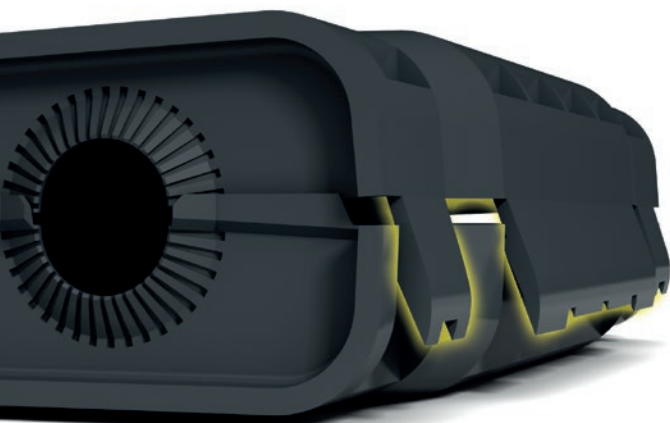
**IP68**

# Maximum
# **protection**

The new and **patented flexible** cable housing seats adapt to the different cable diameters for which each device is designed and, in **combination with the gel insulation characteristics**, made it possible to certify the **IP68** degree of **protection** (in compliance with the EN 60529 standard) in an independent laboratory, that is to say maximum protection against water and dust **without the use of cable glands** or additional components to be pre-threaded on the cables...



**NO** CONDENSATION IP68

# **NO**
# condensation

... the gel also prevents moisture from rising through the cables due to capillary action and the formation of condensation inside the equipment.



# Warranty
# **seal**

NO CABLE TIES

**New snap-closing system**, which **prevents the reopening of the shell**, without the use of a tool, avoiding the need for cable ties or other similar systems.

# EVO®
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# The connecting
# devices

The gel-insulated connecting devices of the EVO range (**EVO PX, EVO 01, EVO 01D**) allow to make straight and branch connections on the types and sections of cable most commonly used in installations and electrical wiring, up to 3 × 2.5 mm²

*EVO 01D model can be wall fixed*

# Dedicate
# solutions

**Specifically designed for small cables applications,** the EVO devices can be used for:
- road and carriageway signs
- gardens, fountains, ground lighting of passages
- residential and ambient indoor lighting
- LED lighting systems
- video surveillance systems,
- industrial and domestic automation (barriers, gates)
- telephone and telecommunications systems
- loose cables on false ceilings or outdoors (to replace the junction boxes)



# EVO **PX**
# as **small**
# as a **pixel**

The **smallest connecting device in the range**. The dedicated solution conceived and designed for **small-section cables** and for **tight** installation spaces. **EVO PX**: only **68 mm** long and **24 mm diameter, as small as a pixel!**

# The **joints**

The gel-insulated joints of the EVO range (**EVO 02, EVO 03, EVO 04, EVO 05, EVO 02D, EVO 03D**) allow to make straight and branch joints with **IP68 degree of protection** on a wide range of power cables, up to 5 × 16 mm² for straight and up to 3 × 4 mm² for branch connections.

EVO joints combine a renewed design with ergonomic lines, with the characteristics that always distinguished the technology of Etelec pre-filled gel joints, such as simplicity and speed of installation, reliability over time and respect for the environment.

*EVO 02D and EVO 03D can be wall fixed*

# **New spring**
## terminal blocks

The traditional and tested screw-type terminal blocks are joined by the **new spring-clamp terminal blocks**, for a tool free **easier and faster installation**. **The removable push button plate** of EVO 02 allows easy pressing of the three buttons allowing to insert all three **conductors of the cable at the same time**.

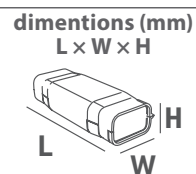The five-cores spring terminal block of EVO 04 is equipped with a new patented **lock-unlock button system**, which allows you to easily connect the five cores of the cable at the same time.
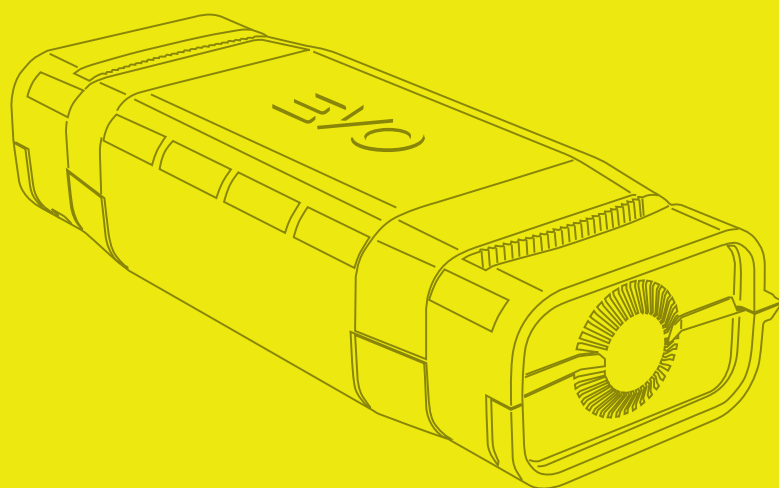
INSTALLATION WITHOUT TOOLS
NO TOOLS

The spring and screw terminal blocks of the EVO joints **comply with Directive 2014/35/EU (LVD)** according to the EN 60998 Standard, with Bureau Veritas certification.

BUREAU VERITAS
1828

# ... all **EVO range**

| cores | ref | item | cross section (mm²) | | cable diameter (mm) | voltage | included connector | dimentions (mm) L × W × H | video tutorial |
|---|---|---|---|---|---|---|---|---|---|
| **Straight** | | | | | | | | | |
| ●● | **EV100** | EVO PX | 0,5 – 1,5 | | 4,5 – 6,5 | 450 V 24 A | two cores spring terminal block | 68 × 24 × 22 | |
| ⦙ | **EV101** | EVO 01 | 0,75 – 2,5 | | 6 – 8 | 450 V 24 A | three cores screw terminal block | 72 × 28 × 24 | |
| ⦙ | **EV102** | EVO 02 | 1,5 – 2,5 | | 10 – 13 | 0,6/1 kV | three cores spring terminal block | 80 × 35 × 28 | |
| | **EV103** | EVO 03 | 1,5 – 6 | | 13 – 17 | 0,6/1 kV | five cores screw terminal block | 145 × 56 × 35 | |
| ⦿ | **EV104** | EVO 04 | 2,5 – 6 | | 14 – 22 | 0,6/1 kV | five cores spring terminal block | 183 × 70 × 42 | |
| | **EV105** | EVO 05 | 4 – 16 | | 14 – 22 | 0,6/1 kV | five cores screw terminal block | 183 × 70 × 42 | |
| **Branch** | | | | | | | | | |
| | **EV201D** | EVO 01D | p. d. | 1 – 2,5 | 6 – 8 | 450 V 24 A | three cores screw terminal block | 73 × 73 × 23 | |
| ⦙ | **EV202D** | EVO 02D | p. | 1,5 – 4 | 10 – 13 | 0,6/1 kV | three cores screw terminal block | 105 × 90 × 28 | |
| | | | d. | 1 – 2,5 | 6 – 8 | 300/500 V | | | |
| | **EV203D** | EVO 03D | p. d. | 1,5 – 4 | 10 – 13 | 0,6/1 kV | three cores screw terminal block | 105 × 90 × 28 | |

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