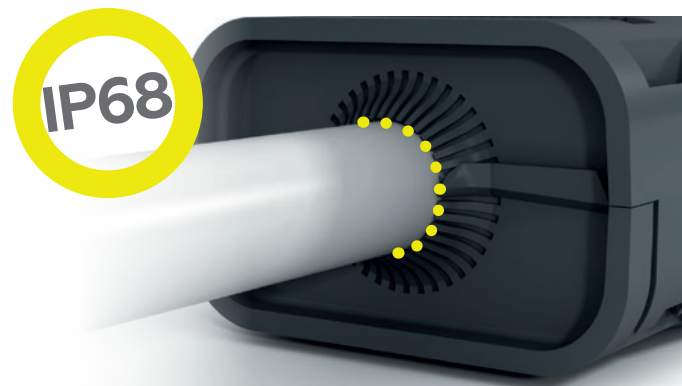




EVO[®] is the new range of gel-insulated connecting devices, which allows making straight and branch connections with **IP68 Degree of protection** on the widespread cable types in electrical wiring, with cross-sections up to $3 \times 2,5 \text{ mm}^2$.

IP68 Total protection

The brand new and patented **flexible cable housing seats** adapt to the different cable diameters for which each device is designed and, combined with the gel insulating features, made it possible to certify the **IP68 degree of protection** (according to the EN 60529 Standard), that is to say **maximum protection against water and dust without the use of cable glands or additional components** to pre-thread on cables.



Dedicated solutions

EVO[®] range include **connecting devices** specifically designed for civil/residential installations, including LED lighting systems, and are optimized for the relevant cable types, for both straight (**EVO PX and EVO 01**, for two- and three-core cables up to $2,5 \text{ mm}^2$) and branch connections (**EVO 1D**, for three-core cables up to $2,5 \text{ mm}^2$).

EVO[®] devices are also suited for connecting, insulating and protecting small cross-section cables, also in presence of water, in many applications, like:

- LED lighting systems
- road and carriageway signs
- gardens, fountains, ground lighting of passages
- residential and ambient indoor lighting
- video surveillance systems
- industrial and domestic automation (barriers, gates)
- telephone and telecommunications systems
- loose cables on false ceilings or outdoor, in place of junction boxes



Compact size

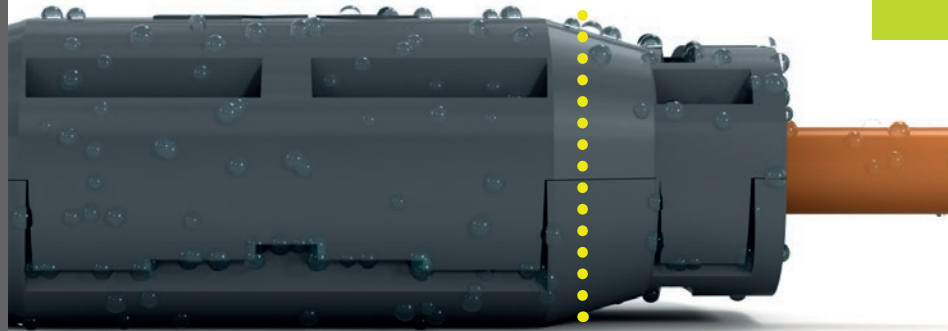
EVO[®] devices have da **especially small dimensions**, which make them suitable in tight installation spaces, or in cable ducts or poles (EVO PX).



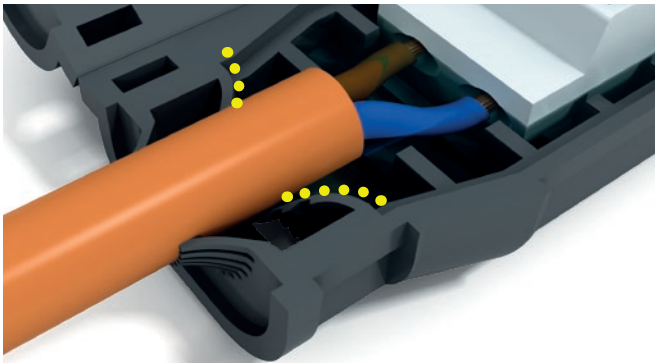
**Zero Capillarity,
no condensation**

The pre-filled gel retains its insulation and protection features over time. It also prevents moisture from rising through the cables due to capillary action and the formation of condensation inside the equipment, which is a frequent failure cause, especially of LED lighting appliances.

NO CONDENSATION IP68

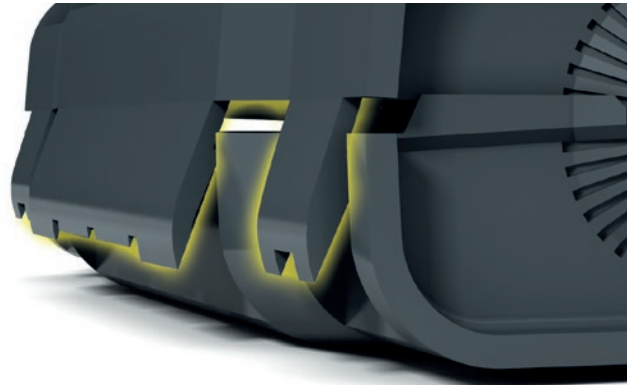


New breakable walls



The new sloped and curved breakable walls shape allows an even faster and error-free installation

New snap-closing system



All the key features of gel technology



Ready to use
no filler
to cast



Eco-friendly
respect the
environment



**Unlimited
shelf life**



Re-enterable
thanks to the soft final
state of the gel

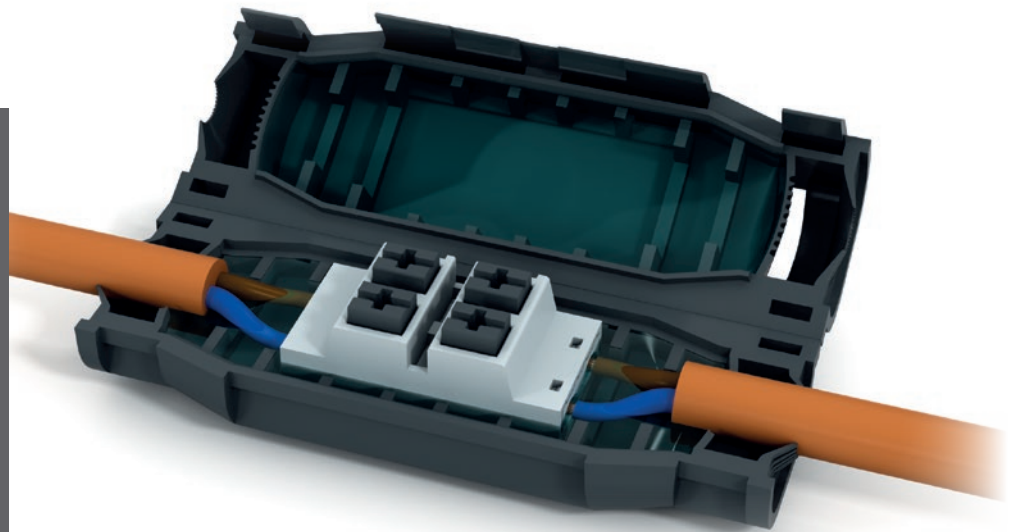


Non-toxic
safe for
installators



EVO PX

The **smallest connecting device** in the range. Conceived and designed for **small-section cables** and for **tight installation spaces**. Only **68 mm** long and **24 mm** large, as small as a pixel!



APPLICATIONS

- IP68 straight and branch connections on 300/500 V low voltage cables up to 3 cores
- Suitable for connecting, insulating and protecting, also in presence of water: LED lighting systems, road and carriageway signs, gardens, fountains, ground lighting of passages, residential and ambient indoor lighting, video surveillance systems, industrial and domestic automation (barriers, gates), telephone and telecommunications systems
- Loose cables on false ceilings or outdoor, in place of junction boxes
- Installation in cable ducts, poles (EVO PX)

KEY FEATURES

- **IP68 total protection against water, dust, debris and weathering**
- No rising of moisture through cables by capillarity
- **Pre-filled: no gel or resin to cast**
- **No cable glands or other component to thread on cables**
- Quick and reliable installation in tight spaces without special tools
- **Compact size**
- Fixing holes for wall-mount (EVO 01D)
- 3 models for use on many cable types

Degree of protection (EN 60529)
IP68

Compliance
CEI EN 60998

Rated voltage
450 V

Self-extinguishing
EN 60695-2-11

Low smoke
and toxic gases emission
CEI 20-37/2-1
CEI 20-37/4

Operating temperature range
-20 °C / +90 °C



CE Marking



Total protection



Zero capillarity



Double insulation



Small size



Re-enterable



Unlimited shelf life



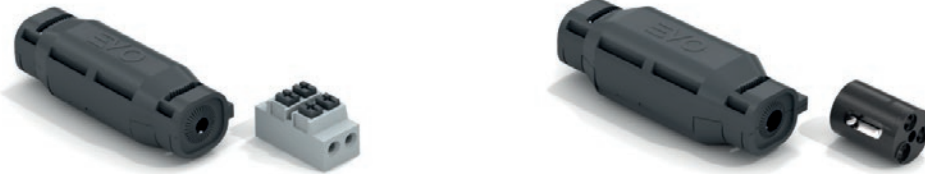
Directive EU 2015/863
(RoHS 3) Compliant



Non-toxic



Eco-friendly



cores	ref.	item	conductor cross-section range (mm ²)	cable diameter (mm)	device rated voltage and current	cable rated voltage U ₀ /U	included connector	dimensions (mm)			min./mult. ord. q.ty (pcs)	watch video
								L	W	H		
Straight												
●●	EV100	EVO PX	0.5 – 1.5	4.5 – 6.5	450 V 24 A	300/500V		68 × 24 × 22	1	12		
●●●	EV101	EVO 01	0.75 – 2.5	6 – 8	450 V 24 A	300/500V		72 × 28 × 24	1	12		



cores	ref.	item	conductor cross-section range (mm ²)	cable diameter (mm)	rated voltage and current	cable rated voltage U ₀ /U	included terminal block	dimensions (mm)			min./mult. ord. q.ty (pcs)	watch video
								L	W	H		
T-branch												
●●●	EV201D	EVO 01D	m. 1 – 2.5 b.	6 – 8	450 V 24 A	300/500V		73 × 73 × 23	1	6		

INCLUDED CONNECTORS / TERMINAL BLOCKS

2-pole spring connector (p. 109)
EN 60998-2-2 compliant
for copper-to-copper, aluminium-to-aluminium and copper-to-aluminium connections

3-pole screw connector
for copper-to-copper, aluminium-to-aluminium and copper-to-aluminium connections

3-pole screw terminal block
for copper-to-copper, aluminium-to-aluminium and copper-to-aluminium branch connections

NOTE

m. main cable
b. branch cable