



EVO[®] is the new range of gel-insulated joints, which allows straight and branch connections with **IP68 degree of protection** on the most widespread cable types in electrical wiring, with cross-sections up to up to $5 \times 16 \text{ mm}^2$ (straight) and up to $3 \times 4 \text{ mm}^2$ (branch).

EVO[®] joints are characterized by a renewed design with ergonomic lines, and retain all the distinguishing features of gel pre-filled technology, like easy and quick installation, reliability over time and respect for the environment.

IP68 Total protection

The brand new and patented **flexible cable housing seats** adapt to the different cable diameters for which each joint 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) **without the use of cable glands or additional components** to pre-thread on cables, that is to say **maximum protection against water and dust**.

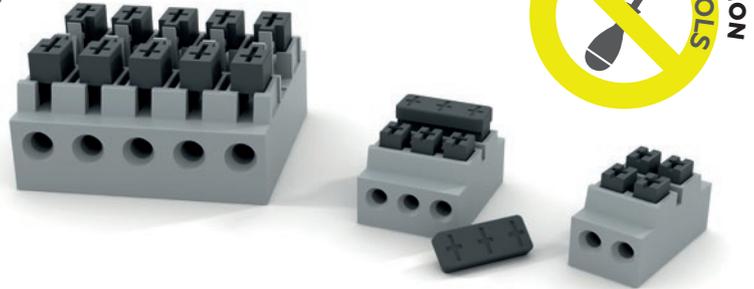


New spring-clamp terminal blocks

Tried-and-tested screw-type terminal blocks are joined, on most used models, by new 2-, 3- or 5-poles spring-clamp terminal blocks.

The pushbutton plate supplied with **EVO 02** allows to easily push simultaneously all three spring actuating buttons, allowing to **insert all three cable wires at the same time**.

The **5-pole spring terminal block** supplied with **EVO 04**, for cables up to 6 mm², is equipped with a **patented new button lock/unlock system**, which allows to **easily connect all five cable wires at the same time**.

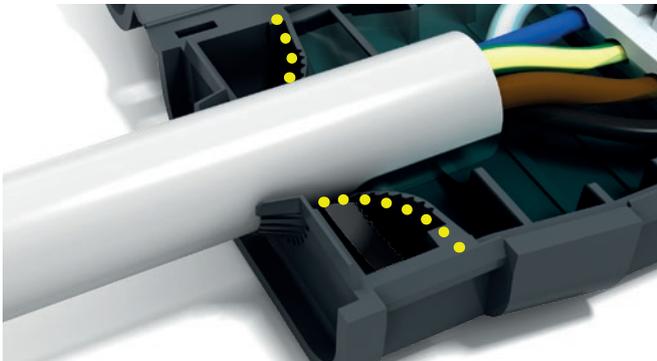


Spring-clamp technology doesn't require tools, thus making installation even simpler and quicker, and avoiding possible errors caused, with screw-type clamping units, by the application of an incorrect torque.



Spring-clamp and screw-type terminal blocks of EVO joints **complies to 2014/35/EU Directive (LVD) according to EN 60998 Standard**, with Bureau Veritas certification.

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



APPLICATIONS

- IP68 straight joints on 0.6/1 kV low voltage cables up to 5 cores
- Installation: directly buried, overhead, in cable ducts
- Temporary installations

KEY FEATURES

- **IP68 total protection against water and dust**
- **Spring-clamp terminal blocks** (EVO 02 and EVO 04)
- Quicker and easier installation thanks to improved breakable walls
- **Pre-filled: no gel or resin to cast**
- Ready to use
- Good mechanical strength
- 4 models for use on most widespread cable types

Degree of protection (CEI EN 60529)
IP68

Compliance
CEI EN 50393

Self-extinguishing
EN 60695-2-11

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

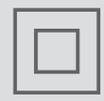
Operating temperature range
-20 °C / +90 °C



CE Marking



Total protection



Double insulation



Ready to use



Re-enterable



Unlimited shelf life



Compliant to EU Directive 2015/863 (RoHS 3)

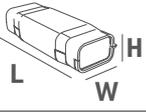


Non-toxic



Eco-friendly



cores	ref.	item	conductor cross-section range (mm ²)	cable diameter (mm)	included terminal block	dimensions (mm) 	pkg. (pcs)	min./mult. ord. q.ty (pcs)	watch video
Straight joints									
	EV102	EVO 02	1.5 – 2.5	10 – 13		80 × 35 × 28	1	12	
	EV103	EVO 03	1.5 – 6	13 – 17		145 × 56 × 35	1	1	
	EV104	EVO 04	2.5 – 6	14 – 22		183 × 70 × 42	1	1	
	EV105	EVO 05	4 – 16	14 – 22		183 × 70 × 42	1	1	

INCLUDED TERMINAL BLOCKS



3-pole spring terminal block (p. 109)
EN 60998-2-2 compliant

for copper-to-copper, aluminium-to-aluminium and copper-to-aluminium connections
pushbutton plate included



5-pole spring terminal block (p. 109)
EN 60998-2-2 compliant
with button lock/unlock system

for copper-to-copper, aluminium-to-aluminium and copper-to-aluminium connections



MC-RJ 5-pole spring terminal block (p. 112)
EN 60998-2-1 compliant

for copper-to-copper, aluminium-to-aluminium and copper-to-aluminium connections
(hex key included)



APPLICATIONS

- IP68 branch joints on 0.6/1 kV low voltage cables up to 3 cores
- Installation: directly buried, overhead, in cable ducts
- Temporary installations

KEY FEATURES

- **IP68 total protection against water and dust**
- Quicker and easier installation thanks to improved breakable walls
- **Pre-filled: no gel or resin to cast**
- Ready to use
- Good mechanical strength
- fixing holes for wall mounting

Degree of protection (EN 60529)
IP68

Compliance
CEI EN 50393

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



Double insulation



Ready to use



Re-enterable



Senza
scadenza



Conforme alla
Direttiva UE
2015/863 (RoHS 3)



Non-toxic

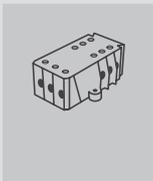


Eco-friendly



cores	ref.	item	conductor cross-section range (mm ²)	cable diameter (mm)	cable rated voltage U ₀ /U	included terminal block	dimensions (mm)		pkg. (pcs)	min./mult. ord. q.ty (pcs)	watch video
							L	H			
T-branch joints											
	EV202D	EVO 02D	m.	1,5 – 4	10 – 13	0,6/1 kV		105 × 90 × 28	1	6	
			b.	1 – 2,5	6 – 8	300/500 V					
	EV203D	EVO 03D	m.	1,5 – 4	10 – 13	0,6/1 kV		105 × 90 × 28	1	1	
			b.								

INCLUDED TERMINAL BLOCK



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