



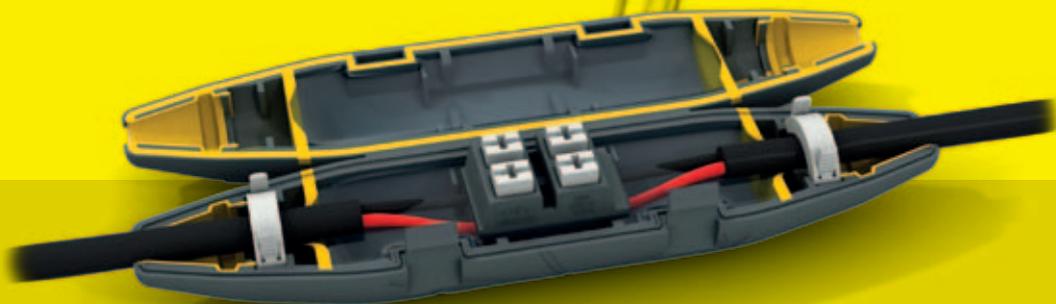
LEDJOY[®]

SMART CONNECTION



Through thick and thin.

LEDJOY[®], the tiny
junction device
that loves narrow spaces.





IP68 gel insulated junction device with spring connector

LEDJOY[®] is a revolutionary **gel insulated junction device** with IP68 protection level for **connecting small cross-section cables** from 0.5 to 2.5 mm², compliant with EN60998-2-2 standard.

Its innovative design, patented solutions, and an advanced manufacturing process guarantee high and reliable performances under all conditions and in narrow spaces.



PATENTED SOLUTIONS

Co-moulding technology

used for making the outer protective shell, guarantees **perfect assembly** of the rigid mechanical protection part and the watertight gaskets, which also prevent the entry of foreign bodies. It also reduces the number of components to be assembled.



Flexible walls

for gel retention, made using the co-moulding technology. They **adapt easily to the outer surface of the installed cable**, with no need to break or remove the rigid walls.



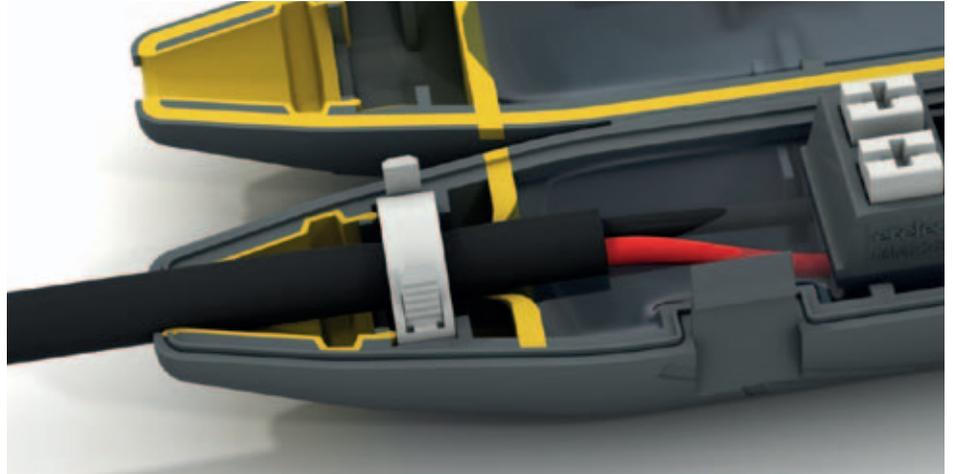
Insulated spring connector

included in the kit, makes the connection quick and easy with no need for tightening tools, and **guarantees excellent electrical performances** together with a high resistance to traction without compromising the integrity of narrow cross-section conductors.



Cable blocking system

pecially designed and easy to apply without tools and tightening screws, increases the safety of the connection **securing the cable in the event of traction** or external mechanical stress.



Minimum size, maximum performance

With its compact circular shape and small size, LEDJOY® can also be installed in narrow spaces, and it can be used in cable ducts, corrugated pipes, poles, and supporting structures, with no need for supplementary junction boxes.

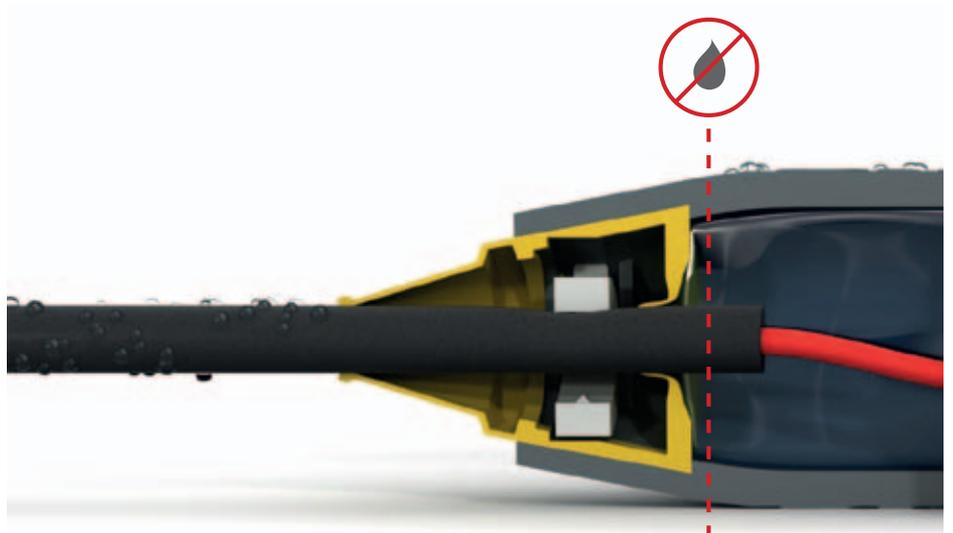
LEDJOY® is **easy and quick to instal also in case of limited operating space** as it requires no tools, cable gland or components to be pulled over the cables.

THE SAFETY OF GEL TECHNOLOGY



Zero capillarity

The silicone gel inside LEDJOY® guarantees high long-term protection and insulation, preventing moisture entering the shell and the rising of moisture along the cable due to capillary action, a frequent cause of damage to appliances (especially LED lighting fixtures).





Re-entrable connection

The features of LEDJOY® allow **quick and easy re-entry in the connection**, with no need for complicated dismantling.



Total protection under all installation conditions

The patented solutions make LEDJOY® an excellent tool for installation outdoor, overhead, underground, and permanent immersion, guaranteeing an IP68 protection level: **total protection from dust, water, debris, and the elements.**



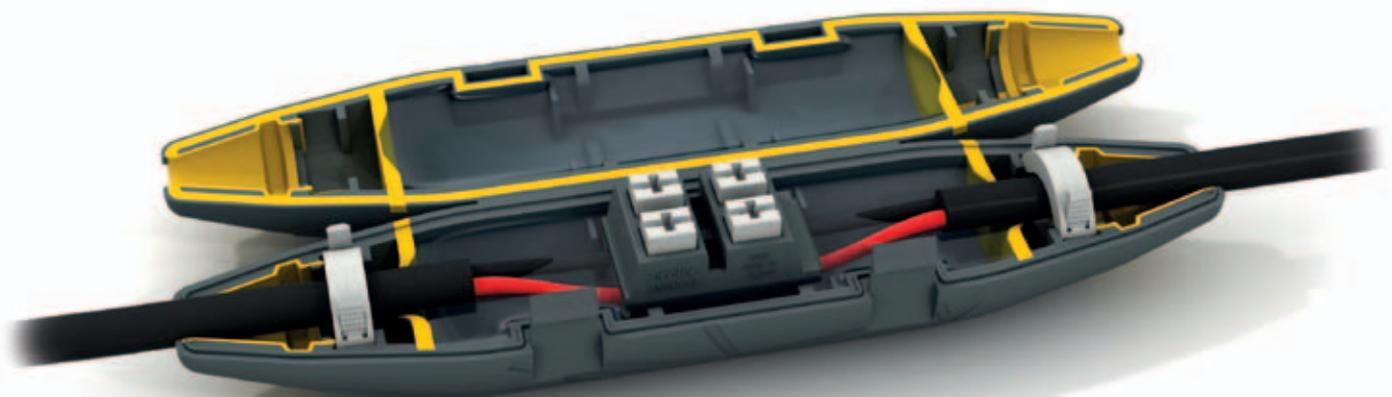
Eco-friendly

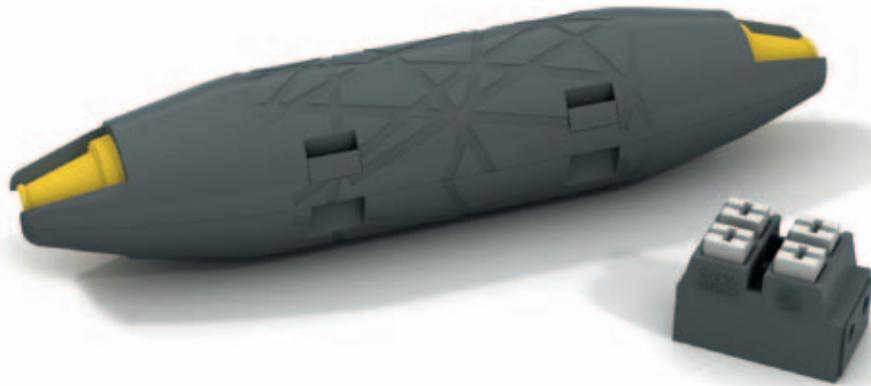
The gel inside LEDJOY® is non-toxic and has no expiry date. Its ability to protect and insulate connections does not change with time and resists wide temperature variation (-60 / 200 °C). It is **classified as a non-hazardous product** under European Regulation no. 1272/2008 (CLP).

Versatility of use

LEDJOY® is suitable for a variety of lighting applications:

- Urban lighting (street lighting systems, road and carriageway signs)
- Indoor lighting (residential, ambient, fairs)
- Outdoor civic lighting (gardens, fountains, walkover ground lighting)
- Video-surveillance systems
- Industrial and civil automation (barriers, gates, machine board systems)





LEDJOY®



IP68 gel insulated junction device

Two-core connector with spring-loaded clamps included

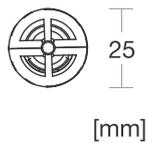
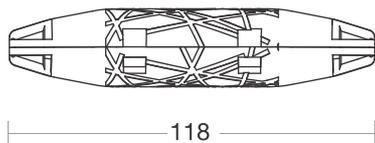
Kit contents

- Co-moulded shell with integrated gaskets and snap-shut closure
- Cable blocking system
- Two-core insulated connector with spring-loaded clamps

Table of use

item	number of cores	conductor cross-section (mm ²)	rated voltage (V)	rated current (A)
LEDJOY	2	0.5-2.5	450	24

Operating temperature: -20 to +90 °C



[mm]

