

Solution for LV power link in a dry or protected environment



SILICABLE® ECSPRI

600/1000 Vac

RPC CONFORME
EN 50575
CERTIFIÉ EUROCLASSES Cca, s2, d2, a1

Thanks to our expertise in silicone extrusion and total mastery of electrical cable manufacturing processes, our R&D engineers have developed the SILICABLE® ECSPRI range for low-voltage applications in installations requiring the transmission of high electrical power.

- Lower cross-section compared to market offerings
- Small space requirement
- Flexibility and good mechanical strength
- Easy to install
- Halogen-free
- Flame-retarding

Applications:

Connecting electrical switchboards

> From 6 mm² to 70 mm²

Wiring between devices (circuit breakers, switches, etc.) on the switchboard.

Wiring of electrical cabinets, power conversion unit

> From 70 mm² to 150 mm²

Terminal electrical distribution of buildings.

LV power link

> From 150 mm² to 630 mm²

Secondary links: Main LV board/generator, Main LV board/inverter, Main LV board/Generator set.



Technical data sheet

Click or scan the QR code



omerin
division principale

LV power link solution

in a dry or protected environment

SILICABLE®
ECSPRI



Various installation methods to suit your needs

Standard installation

In accordance with standard
NF C15-100

Use with a core
temperature of +90°C:

Benefits:

- Easy to install.
- No specific tools required.
- Better resistance to ageing than all other cables on the market.

Carry out the installation in
accordance with the normative
standards defined by NF C15-100.

Optimised installation

A solution with a positive impact
on your carbon footprint

Use with a core
temperature of +110°C:

Benefits:

- Easy to install.
- No specific tools required.
- Better resistance to ageing than other cables on the market.
- Reduced cross-section.
- Copper weight reduced by 25%.
- Total packaging weight reduction by approximately 25%.
- Fewer reels.
- Reduced footprint logistics & storage.

Ensure that the cable's direct
environment can withstand the
temperature of the cable. Use
connectors suitable for the cable's
theoretical core temperature.

Maximised installation

A solution for making the most
of the product's capabilities

Use with a core
temperature up to +170°C:

Benefits:

- Easy to install.
- No specific tools required.
- Better resistance to ageing.
- Reduction of up to 3 sections compared with standard installation.
- Reduced copper weight.
- Lower total packaging weight.
- Fewer reels.
- Reduced footprint logistics & storage.

Ensure that the cable's direct
environment can withstand the
temperature of the cable. Use
connectors suitable for the cable's
theoretical core temperature.

**Please contact us for further
information, as there will be
considerable heating.**



FAQ

Click or scan the QR code

Find all the answers to
your questions on the use
of SILICABLE® ECSPRI.

Installation parameters

- Install SILICABLE® ECSPRI cables in dedicated cable trays.
- If there are multiple cables on the phase, use connections of the same length.
- Symmetrical installation protected from direct sunlight recommended.
- For any non-standard installation (gutter, firewall, etc.) or installation outside cable trays, please consult us beforehand.



All installations must be approved by a Control Office.

For more information or a cable sizing calculation, please contact us:

omerin
division principale

OMERIN division principale
Zone Industrielle – 63600 Ambert
Tel: +33 (0)4 73 82 50 00
omerin@omerin.com

www.omerin.com