

Lugsulation® - Fully Insulated Connection Technology

for battery cells, single cells and monobloc batteries with female thread

(Lugsulation includes 3 system components: Sealing sleeve, cable lug, insulated screw)



Battery cell with fully insulated cable lug connection

Patented, perfectly fitting full insulation for battery connections

- protection against contact and corrosion
- safe retrofitting self-installation on site by warranty through HSYS-components
- use your cables from 10 mm² up to 120 mm²
- reducing maintenance- and follow-up costs

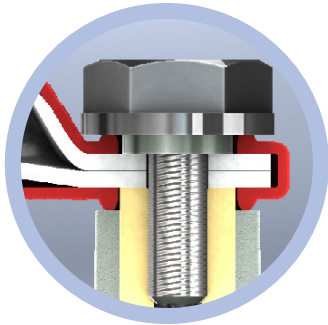
The patented cable lug insulator LUGSULATION® is sealing different cable cross sections against water and acid



Application: quick repair, shortening of MRC charging connectors on site

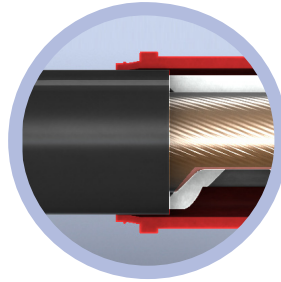
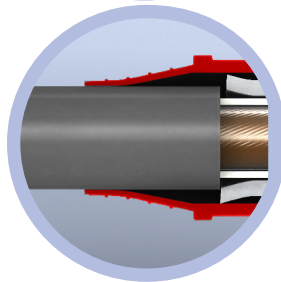
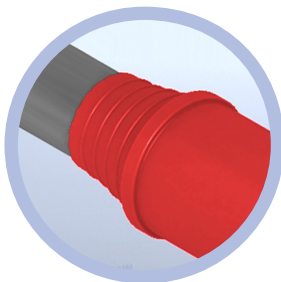


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lip seal protects the complete connection safely

conical cable bushing seals gradually



Our innovative, patented and fully insulated termination technology LUGSULATION® is offering to you:

protection against contact and corrosion:

- shield against contact and aggressive substances
- complete covering against corrosion, arcing and creeping currents
- dust and weatherproof protection as per IP 64 (certified)
- IP 66 or higher can be achieved with 2K-glye or through grease-filling
- increase of security and conservation of conductivity
- ignition risk of electrostatic charging is prevented

individual cable connections from 10 mm² up to 120 mm²:

- existing cables are safely retrofitted by self-installation on site
- the innovative insulation seals the HSYS cable lug precisely
- cable lug according to DIN 13600
- no additional surface treatment necessary
- direct contact between pole screw and cable lug
- cable adjustment through exchange of isolation for the next larger or smaller HSYS cable lugs

secure self-installation on site:

- shorten cable accordingly
- crimp the cable lug onto the cable
- adjust the insulation cone to cable diameter
- pull insulation over cable lug
- fixed through pole screw

reduction of maintenance and follow-up costs:

- permanent protection against corrosion, residual currents
- use of existing cables
- colored differentiation of the contacts without additional marking
- detachable connections

Our company is certified according to DIN EN ISO 9001.

For more information please visit our website or contact us directly.

