

Lugsulation® - Fully Insulated Connection Technology

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



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 95 mm²
- reducing maintenance- and follow-up costs

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



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



Lugsulation® - Fully Insulated Connection Technology

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 65
- IP 66 or higher can be achieved with 2K-glue 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 95 mm²:

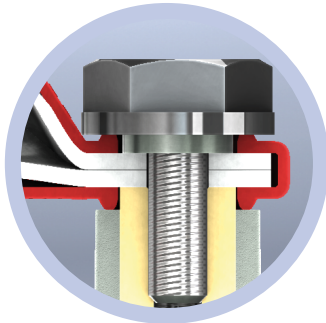
- existing cables are safely retrofitted by self-installation on site
- the innovative insulation seals the HSYS cable lug precisely
- cable lug according to DIN 13600
- no additional surface treatment necessary
- direct contact between pole screw and cable lug
- cable adjustment through exchange of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

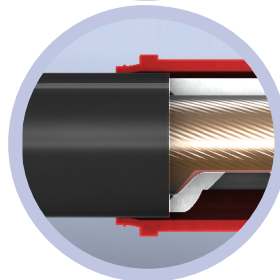
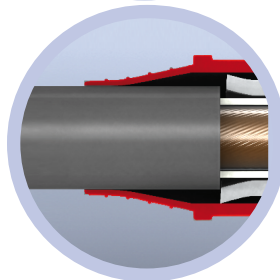
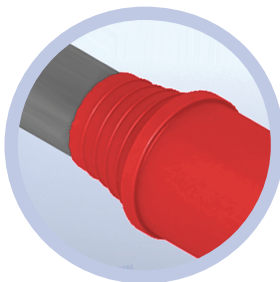
reduction of maintenance and follow-up costs:

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



lip seal protects the complete connection safely

conical cable bushing seals gradually



Our company is certified according to DIN EN ISO 9001.

For more information please visit our web pages or contact us directly.

