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B500 LIVE LINE CONNECTOR CRLLC



Product description:

Life Line Connector (LLC) is a product with a wide range of applications. It can be used- to replace open pole mounted disconnectors, for connection on tension poles, as a short-circuit connector, for connection of branching network, during under voltage work, andalsi for worker protection against accidental reconnecting of a disabled network.

LLC is suitable for use with all kinds of conductors listed in the below mentioned PRODUCT RANGE table. When it is combined with an isolated conductor on tap side, then it complies with bird protection requirements and is considered as a bird friendly connection.

LLC is constructed for voltage up to 36 kV, and it can be used to connect two medium voltage networks by utilizing a Cu or Al isolated conductor on tap side. The connector can be reused several times without damaging the wires.

Thanks to its low weight installation is easy- and fast with Live Line Stick. Guiding lug(1) ensures the guiding of the main wire to the correct position. Also, the wire nut (2) keeps stable the position on the stick during the closing and tightening of the LLC. This guarantees both perfect electrical contact and correct positioning on the wire. Protection against accidental over-tightening is guaranteed by set of shear heads. Only Minimal maintenance is needed- the tightening of the screws is to be checked periodically.

Operating temperature ▪ -30 / +70 Celsius. Lifetime expectation ▪ 35 years.

LLC1 a LLC2 can be used same way as LLC, just orientation is horizontal only and they can be also used for strong connection of electrical devices.

All devices are resistant against vibrations.

Position. Item - material

1. Main Bolt: Aluminum alloy
2. Main Body: Aluminum alloy
3. Press Pad: Aluminum alloy
4. Branch Bolt: Aluminum alloy

Product range:

Tap and Main for bare, Cu, Al, *AlFe & ACSR.

TYPE	MAIN mm ²	TAP mm ²
CRLLC	16-133	10-95
CRLLC1	70-150	70-150
CRLLC2	16-150	16-95

Materials:

High strength aluminum alloy for body.

Surface treated aluminum bolt, with torque screw heads.

