Electrical

TT-910 Duoflux

CONNECTING, SOLDERING, INSULATING AND SEALING TWO CONDUCTORS

✔ Watertight connection of both flexible and rigid conductors.

✔ Transparent insulation allows visual control of the connection.

✔ Resistant to temperatures from -60°C to +130°C.

Technical Info

- External wall: radiation cross-linked modified polyolefin.
- Solder rings: 2 rings Cd 18, Sn 51, pb 32 % with activated flux.
- Sealing rings: thermally stabilized thermoplastic.
- Voltage loss: < 0,002 V.
- Connection resistance: < 0,004 Ohm.
- Insulation resistance: > 109 Ohm.
- Installation temperature: 143°C.
- Temperature resistance: -60°C to +130°C.
- Breakdown voltage: > 600V.
- Degree of protection against humidity: IP 68, stays usable in water.

Packing

TT-910 Duoflux - 0,2mm - 0,7mm - clear	830310118
TT-910 Duoflux - 0,5mm - 1mm - red	830320118
TT-910 Duoflux - 1,5mm - 2,5mm - blue	830330118
TT-910 Duoflux - 3mm - 6mm - yellow	830340118

Product

Characteristics

- For electrical connections, which require high quality, reliability, long life span and water tightness.
- Very easy to install, the quality of the connection can be visually checked and it requires no special tools.
- Can be applied on both twisted (flexible) and solid (rigid) conductors, suitable for copper as well as tinned wires, whether combined or not.
- Consists of a heat-shrinkable polymeric sleeve containing two solder rings with an incorporated flux and two thermoplastic sealing rings.

Use

Use a heat source such as teh Novatio Multi Torch or a hot air blower (set at + 350°C and equipped with a deflector).

Introduce the wires into the Duoflux and press the solder rings to hold the Duoflux in place.

Heat the Duoflux at the solder rings' level until they are evenly flowing and then heat the ends so that the coloured rings insulate and seal perfectly.

Allow it to cool completely without moving.

Wire diameter:

Clear: from 0,2 mm to 0,7 mm
Red: from 0,5 mm to 1,0 mm
Blue: from 1,5 mm to 2,5 mm
Yellow: from 3,0 mm to 6,0 mm

Top·Tek