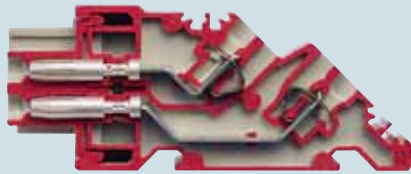


contacts connected with spring terminal, in built-in terminal block

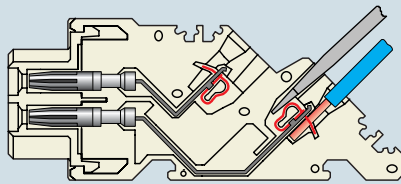


description

insert series: CTSE- CTS

With terminal block at 45° built-in for fixed installation on electrical panels or on built-in DIN EN 60715 rail, for easier wire cabling and identification operations. Spring terminal connection which does not require wire preparation (CTSE inserts). A screwdriver with a 3.5 x 0.5 mm blade is the only tool required to insert the wire in the contact.

CTSE insert connection



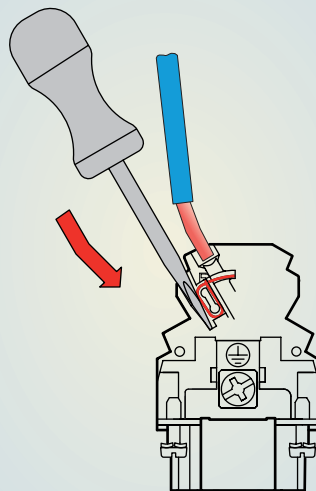
contacts connected with dual spring terminal



description

insert series: CSS

Equipped with two terminals per contact. This type of connection allows a circuit to be branched off. A screwdriver with a 3.5 x 0.5 mm blade is the only tool required to insert the wire in the contact.



contacts connected with spring terminal



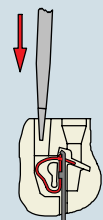
description

insert series: CSE - CMSE

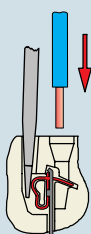
In this layout the wires are connected to the socket and plug insert contacts by means of a spring terminal. This type of connection offers the following advantages:

- no special wire preparation
- a screwdriver with a 3.5 x 0.5 mm blade is the only tool required to insert the wire in the contact.
- it offers an excellent fastening solution and a great resistance to strong vibrations.
- allows rigid and flexible wires with sections between 0.14 and 2.5 mm² to be used
- allows conductivity tests under load to be carried out through the screwdriver insertion section, without splitting the insert.
- greatly reduces insert preparation and cabling times.

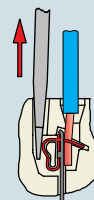
Spring terminal connection operating principles



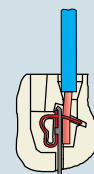
stage 1
when the screwdriver is inserted in the square housing provided, the wire housing in the spring is opened.



stage 2
the wire is pushed all the way in the round housing provided.



stage 3
when the screwdriver is removed, the spring is held down on the inserted wire.



stage 4
the connection is complete; pull on the wire to make sure that the spring firmly holds down the wire.