

contacts with screw terminal connections with or without wire protection



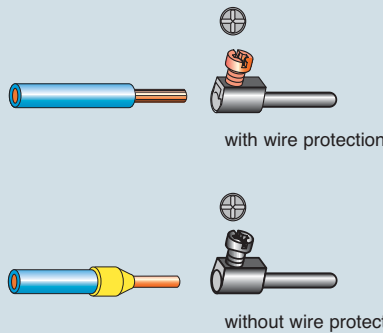
description

inserts: CK - CDA - CN - CNE - CME - CP - CX

The connections of the conductors to the female and male inserts is made via screws (in accordance with standard EN 60999-1).

Two different types of clamping are possible:

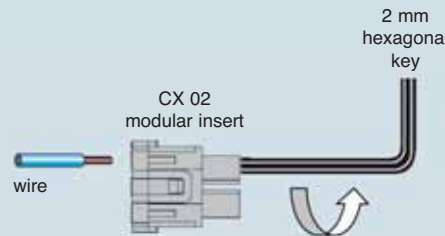
- with wire protection that does not require preparation of the conductors
- without wire protection that requires the conductors to be prepared with bush terminals



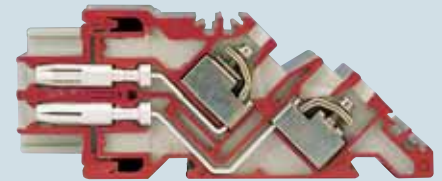
inserts: CX..A / CX..B

The connections of the conductors to the female and male inserts is made via screws (in accordance with standard).

Fully insert the wire in the back of the contact; insert a 2mm hexagonal key in the front of the contact and tighten by holding down the cable.



screw connected contacts in built-in terminal block



description

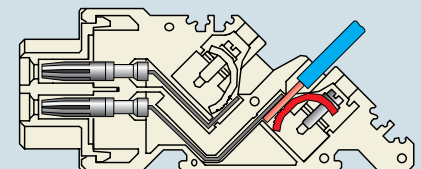
insert series: CTE

In this layout the wires are connected to the socket and plug insert contacts by means of a screw for all CTE inserts (in compliance with EN 60999-1).

The inserts contain:

- a terminal block at 45° for fixed installation on electrical panels or on built-in DIN EN 60715 rail, for easier wire cabling and identification operations
- screw connection with pressure plate which does not require the wires to be prepared (CTE inserts).

CTE insert connection



The different types of conductor connections to the male and female inserts are described on the right. The types are summarised as follows:

- screw terminals
- spring connection terminals
- connectors with incorporated terminal block
- crimp terminals

N.B.:
for all inserts with screw terminals it is important that the right torsional torque is applied to the screws in order to prevent wrong contacts or damage to the conductor, the screw or the terminal (see data mentioned in the inserts pages).

The 10A and 16A crimp contacts are available either **silver** or **gold-plated**.

The gold-plated crimp contacts are recommended for applications with very low rated currents and rated voltages.

Thanks to the conduction characteristics of gold, the deterioration of signals is prevented and an excellent residence to the superficial oxidation of the contacts is obtained.

Gold-plated contacts are recommended with signals with ± 5 mA current and ± 5 V voltage.