

ABSTRACT

CLAMPING DEVICE FOR CONNECTING A CONDUCTOR WITHOUT
STRIPPING THE INSULATION

Disclosed is a clamping device for connecting a conductor without stripping the insulation. Said clamping device comprises a housing (14) and an actuating part (22) which is movably mounted therein and is provided with a duct (26) accommodating the conductor (50) that is to be clamped. A blade contact (18.1) is provided which encompasses a rear web (32) and two spring legs (36) that are placed at an angle therefrom. The spring legs (36) are fitted with contacting blades (48) on final edges that run into each other. Said contacting blades (48) penetrate the duct (26) and contact the conductor (50) accommodated therein while cutting the insulation thereof when the actuating part (22) is transferred into the contacting position thereof. A second contact piece (18.2) is provided which is electrically connected to the blade contact (18.1). The blade contact (18.1) and the second contact piece (18.2) are configured as a monolithic contact element (18) as a result of the fact that spring arms (34) whose ends are formed into a contact tube or a tulip contact (40) are placed at an angle from the rear web (32) of the blade contact (18.1) in addition to the spring legs (36).

Figure 1