

Bus Line Terminal Lugs

ABSTRACT

[0034] The present invention provides terminal lugs 10, 100 for allowing parallel connections to an electrical wire or bus line 8 without the need for prior removal of an insulation portion of the wire/bus line. The terminal lug 10, 100 has an elongate interconnect end 14, 114; a sleeve end 18, 118 and a connecting member 22, 122 joining the interconnect and sleeve ends. The sleeve end 18, 118 is formed in an open U-shaped tube having two ends. One end of the tubular sleeve 18, 118 has a spike 30, 130 projecting into a space of the tubular sleeve. In another embodiment, a free edge of the open tubular sleeve is a cutting edge 34, 134. The spike 30, 130 and/or cutting edge 34, 134 is/are operable to perforate the insulation of the wire 8, thereby making electrical contact with a conductor of the wire/bus line.

[0035] FIG. 1A for publication.