

A LOW-VOLTAGE ELECTRICAL DISTRIBUTION SYSTEM

ABSTRACT

An electrical distribution system for receiving at least one circuit breaker having a power-source-side terminal and a DIN rail receiver channel is disclosed. The electrical distribution system includes a busbar unit having a plurality of spaced apart busbars for receiving the circuit breaker in a fixed spatial relation thereto. The system further includes a connector, separate from the busbar unit, that is releasably connectable to the power-source-side terminal of the circuit breaker to allow the circuit breaker to be plugged to the busbar unit so as to be electrically connected to one of the busbars. The connector is selectable from connectors having at least two different lengths depending on which of the busbars the circuit breaker is to be connected to. A method of distributing electricity is also disclosed.

Figure 2.