

POWERING ELECTRONIC DEVICES IN A DATA CENTER

ABSTRACT

A data center power system includes an electrical power conductor that includes a live conductor surface and is configured to carry direct current (DC) power from a power source through a human-occupiable workspace of a data center; a grounded conductor positioned in the human-occupiable workspace apart from the electrical power conductor; a first electrical connector configured to mount to a data center rack that supports a plurality of electronic devices, the first electrical connector moveable to electrically contact the live conductor surface of the electrical power conductor; and a second electrical conductor positioned on the rack and configured to electrically contact the grounded conductor.

Fig. 1C