

Woodhead ArcArrest 30.0 and 60.0A Switch-Rated Connector System >

Incorporating many options and components into a smooth, contoured design, the Woodhead ArcArrest Switch-Rated Connector System delivers the simplest and fastest way to de-energize industrial equipment and perform Lockout/Tagout operations.

FEATURES AND ADVANTAGES

Inclusion of options such as MAX-LOC cord-grip technology, finger drawplates, lock-out holes and plug caps in a smooth, contoured design

Reduces user costs and simplifies ordering. Enhances cleanability in food-processing and other harsh environments. Delivers enhanced durability for use in the toughest industrial applications

Furnace-brazed contact tips

Produce tips with superior flatness and positioning accuracy compared to the flame brazing process used by competitors

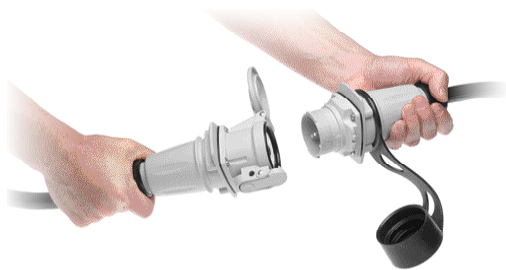


Laser labeling

Provides a clean and permanent record of certifications and specifications

NEMA 4X and IP69k rated

Eliminates ingress of dust and water in a variety of harsh industrial environments. Sealing is automatic when connected



Woodhead ArcArrest Switch-Rated Connector



Non-Fused Disconnect Switch

FAST AND POSITIVE LOCK-OUT

Plug and receptacle are easily locked out to provide fast and positive lock-out/tag-out of machinery.*



Lock-out hole in male plug designed for 1/4" or 5/16" lock shank diameter



Lock-out hole in receptacle designed specifically for 1/4" lock shank diameter

* Locks not included

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30A AUXILIARY SWITCH FOR VARIABLE FREQUENCY DRIVE (VFD) INSTALLATIONS

Versions with auxiliary switches available

Provide remote electrical indication of the connector being mated or disconnected



Switch Operation and Properties

SPST, Normally Open. Switch closes when the male plug is fully engaged with receptacle. "Last Make, First Break" Power and ground contacts will close before the switch is closed. When the plug is ejected, the switch will open before the power and ground contacts open.

120V AC or 24V DC, 3A max. Resistive loads only. Used as a dry contact for VFD enable signal.

The correct part number male plug with a modified Neutral pin must be used with the Aux switch receptacle. Standard male plugs cannot be used.

WHAT IS A SWITCH-RATED CONNECTOR AND UL 2682?

Unlike standard connectors, switch-rated devices listed under UL 2682 can operate as switches and be used to disconnect loads while energized. When operated under load, arcing will occur between the male and female contacts, which they can withstand without damage. The user is completely shielded from this energy because the plug maintains a connection with the receptacle during operation. A twisting motion must be applied by the user to remove the plug after the circuit has been interrupted.

MARKETS AND APPLICATIONS

Automotive

Production equipment

Industrial

Mining equipment
Material handling equipment
Welding receptacles
Wastewater equipment

Industrial Automation

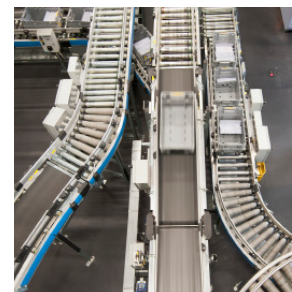
Food and beverage equipment
Conveyors
Process equipment

Telecommunications/Networking

Power distribution units
Server rack power supplies



Wastewater Equipment



Conveyors

www.molex.com/link/arcarrest.html