

The Standard Mounting Arrangements for S&C Alduti-Rupter Switches

Three-pole S&C Alduti-Rupter Switches with Power Fuses for indoor distribution are offered in a variety of standard mounting arrangements for mounting on structural steel or in a metal enclosure-providing a selection of mounting arrangements that cuts the user's engineering costs and cuts down on lead time.

The selector chart on page 3 illustrates six standard mounting arrangements, classified by:

- **Style of switch:** Main contact at top, handle on right
- **Type of operating mechanism:** Direct coupled, chain coupled, pipe coupled

Many advantages accrue from using one of the standard mounting arrangements:

No Design Delays; No Ordering Delays

Switches can be ordered immediately, and the user can complete the layout and design of their vault, substation, or metal-enclosed switchgear from erection drawings that are readily available. No other drawings are required from S&C to adapt the switches to the majority of applications.

Reduced Shipping Time

Shipping time is greatly reduced because there is no delay for customized engineering, customer approval, or time-consuming fabrication of out-of-the-ordinary parts.

Stocking Switches for Immediate Use

Standard mounting arrangements make it possible for the user to buy and warehouse a quantity of Alduti-Rupter Switches with Power Fuses with operating mechanisms for the user's preferred arrangements for use in future installations. Thus, at any time, a switch may be withdrawn from stock and installed without delay.

No Problem with Last-Minute Changes

In the event of last-minute change, the user can choose a new arrangement from the selector chart and locate in his engineering files the erection drawing for the desired arrangement. Then, a comparison of the bills of materials on the erection drawings will indicate whether additional or different parts will be required and will permit immediate ordering of such parts.

Erection Drawings Immediately Available

Each standard mounting arrangement in the selector chart is identified with an "ED" number. This number indicates the erection drawing corresponding to the mounting arrangement. Erection drawings are available on S&C's website at sandc.com/drawings. Printed copies may also be requested through your S&C sales representative.

Each erection drawing is complete with detailed installation data, including an outline drawing of the mounting arrangement, base details, operating-mechanism component details, a bill of materials, installation notes and illustrations, and recommended clearances.

What a Standard Mounting Arrangement Includes

When a standard mounting arrangement is specified, the shipment will include:

- A three-pole switch interrupter switch with power fuses with integral quick-make, quick-break mechanism; interphase barriers; full length side barriers; an operating-shaft extension (when specified); direct coupled, chain-coupled, or pipe-coupled operating handle; and other operating-mechanism components, including rod guides and any number of 10-foot-4-inch (315-cm) lengths of vertical pipe required by the specifications for any pipe-coupled handle type standard mounting arrangement
- The appropriate detailed erection drawing
- Complete installation and maintenance instructions

What About Specials?

Departures from standard mounting arrangements are easily handled. They fall into two categories:

1. Standard Minor Modifications of Standard Mounting Arrangements
2. Special Mounting Arrangements

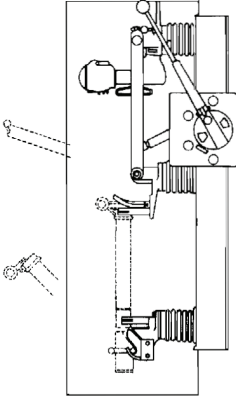
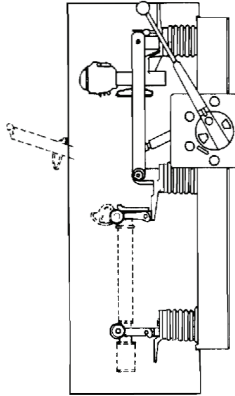
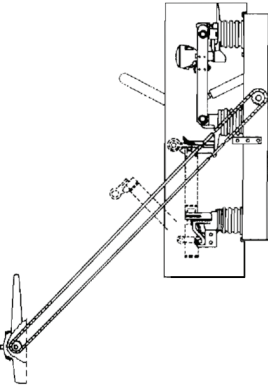
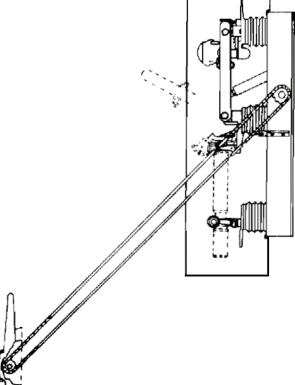
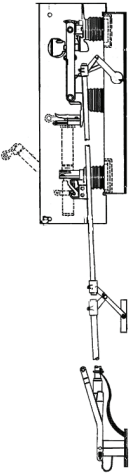
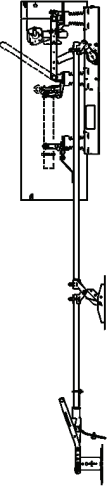


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Operating Handle	Main Contact at Top—Handle on Right	
	Disconnect 45-degree Opening SM-4Z or SM-5S Power Fuse	Non-Disconnect SM-5SS Power Fuse
Direct-coupled	 <p>ED-401R22</p>	 <p>ED-432R4</p>
Chain-coupled	 <p>ED-411R22</p>	 <p>ED-434R4</p>
Pipe-coupled	 <p>ED-421R24</p>	 <p>ED-436R6</p>