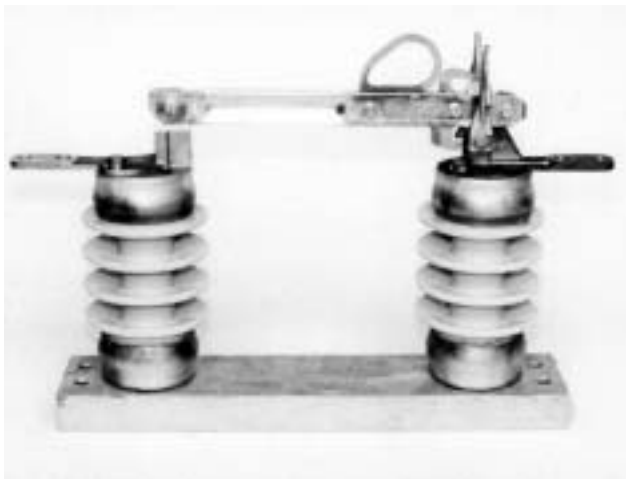


OUTDOOR HOOKSTICK OPERATED DISCONNECT SWITCHES

*7.5 kV through 169 kV
600 to 6000 Ampere*



TYPE DHS

TYPE STV



Morpac Design Hookstick Switches

The Morgan hook operated switch line offers a wide selection of configurations to accommodate any installation, including tandem transfer and non-sequenced regulator by-pass models. Designed for heavy duty substation and distribution use, these switches have been operating in extreme conditions around the world far in excess of 20 years. Switches meet or exceed the original ANSI C37.34 30° C temperature rise standard.

GENERAL DESIGN FEATURES

- **Base**

All steel bases are hot-dip galvanized per ASTM A123-89ea1. Special bases can be provided for different mounting configurations. Aluminum bases also available.

- **Terminals**

NEMA standard 2 and 4 hole terminal pads are machined out of cast contact metal alloy C83300. Tinned terminal pads are available upon request.

- **Ratings**

Voltage ratings up to 169 kV. Current rating up to 3000 Amperes.

- **Hinge**

Belleville washers insure a constant pressure on the hinge contact.

- **Contact**

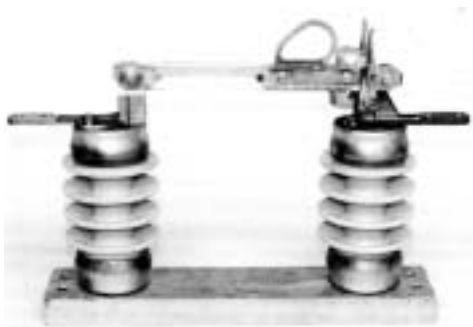
High-pressure, self-wiping contacts are provided. Cast bronze "ears" enable portable load-buster use on all switches.

- **Latch**

A positive latching mechanism eliminates the possibility of the blade opening due to vibration or high fault current. The hook must be pulled in order to release the blade latch.

- **Blade**

All blades are made from high conductivity, round edge, hard drawn bus copper alloy 110 for superior performance and long life.



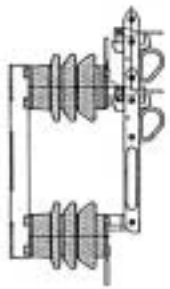
DHS 23kV, 1200 ampere



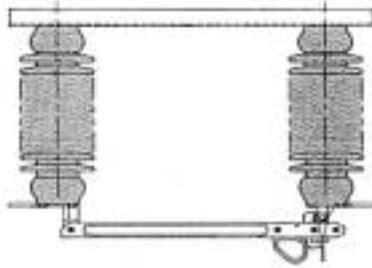
VHS 15kV, 600 ampere

Morpac Design Hookstick Switches

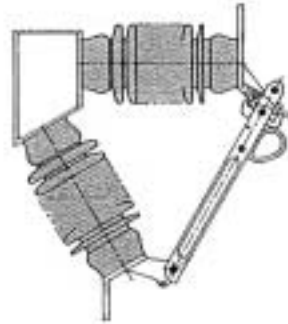
Hookstick Disconnect Switches



RBS
Regulator Bypass
Hook Switch



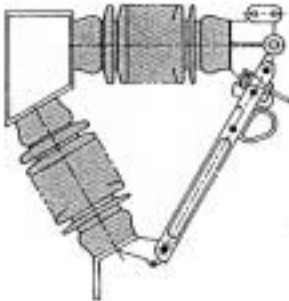
DHS
Disconnect Hook
Switch



SHV
Sidemount Hook
"V" Switch



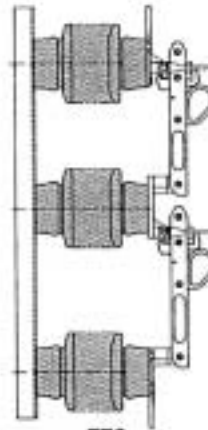
LTH
Inline Tension
Hook Switch



LHV
Line Tension Hook
"V" Switch



VHS
Underhung "V"
Hook Switch



TTS
Tandem Transfer
Hook Switch

All current carrying parts are copper/copper alloys.

All switches are heavy duty substation class designed for 30°C temperature rise.

KV	AMPS	RBS	DHS	SHV	LTH	LHV	VHS	TTS
7.5	600	■	■	■	■	■	■	■
	1200	■	■	■	■	■	■	■
	2000	■	■	■	□	□	■	■
15	600	■	■	■	■	■	■	■
	1200	■	■	■	■	■	■	■
	2000	■	■	■	□	□	■	■
23	600	■	■	■	■	■	■	■
	1200	■	■	■	■	■	■	■
	2000	■	■	■	□	□	■	■
34.5	600	■	■	■	■	■	■	■
	1200	■	■	■	■	■	■	■
	2000	■	■	■	□	□	■	□
46	600	□	■	■	■	■	■	■
	1200	□	■	■	■	■	■	■
69	600	□	■	■	□	■	■	■
	1200	□	■	■	□	■	■	■
115	600	□	■	■	□	□	□	□
	1200	□	■	■	□	□	□	□

■ Available
□ Not Available