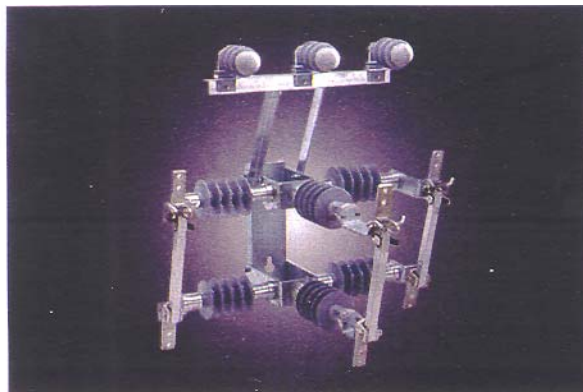


ULTRA-LIGHT CLUSTER MOUNT SWITCH



APPLICATION

The Firon Cluster Mount Switch is a three phase hookstick operated switch, mounted on a single base. This configuration is ideal for disconnecting drops to underground cable.

The switch is lighter than conventional switches equipped with porcelain or epoxy insulators.

When equipped with Loadbuster™ hooks and in conjunction with a Loadbuster™, the switch may be used for load interrupting, breaking transformer-magnetizing currents and line and cable-charging currents.

The Cluster Mount Switch may be equipped with the optional lightning arrester bracket for further protection.

CONSTRUCTION

The Firon Surface Mount Switch is a three phase hookstick operated switch. The phases are independently mounted side by side on a common base, with the center phase standing out from the two outer phases.

Equipped with Silicone, post style insulators, it is a light and robust switch with superior insulator qualities.

The current carrying components are the same as those utilized in the In-line switch (TW).

With a tested momentary of 40kA RMS (asymmetrical) and a current rating of 900 amps continuous, the switch is available from 15 thru 46kV.

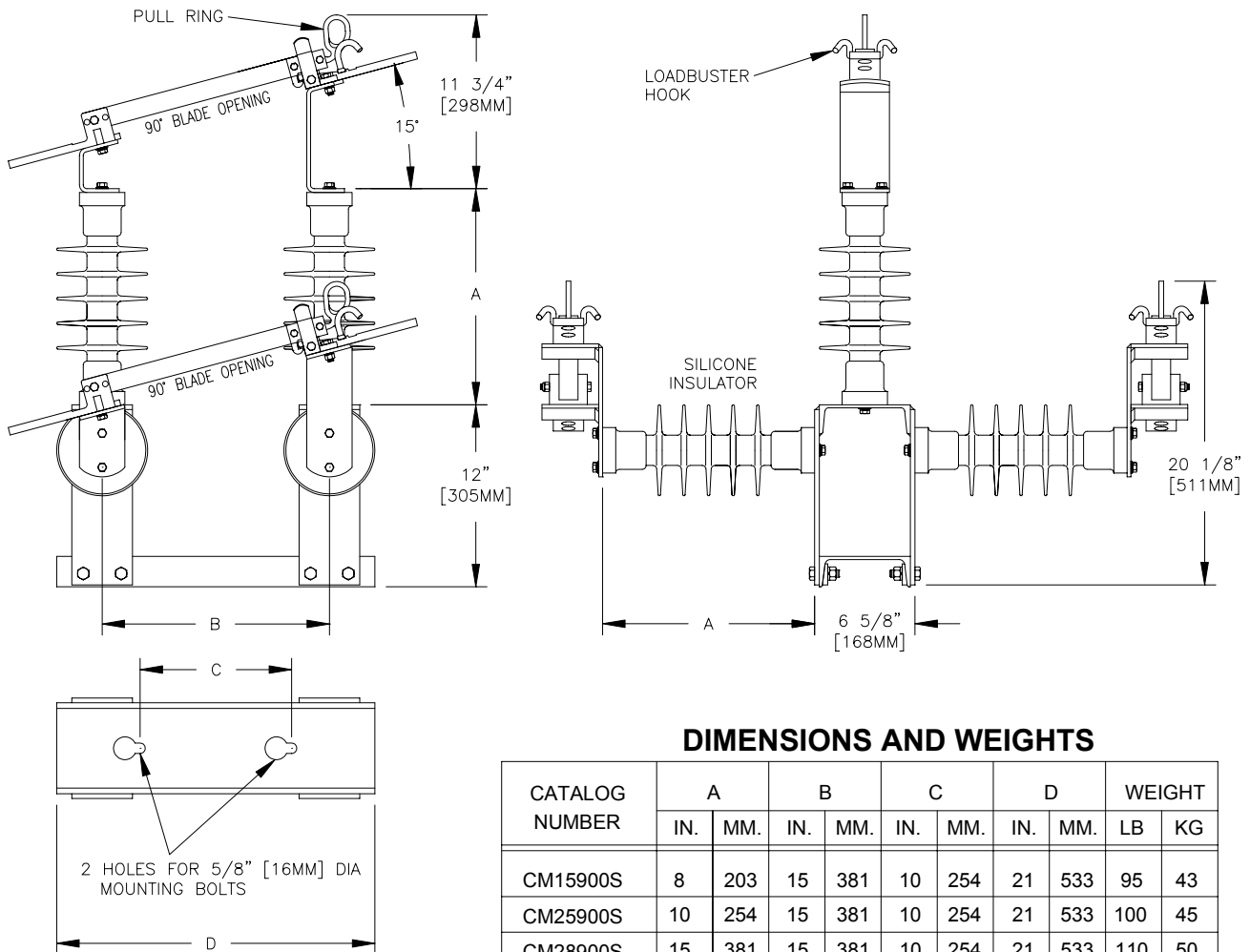
The standard blade opening is 90 degrees; if a 180 deg. opening is required, it should be indicated at the time of ordering.

Terminal pads are standard Nema drilled with 9/16" diameter on 1-3/4" centers. Loadbuster™ hooks are fitted on the jaw of each blade assembly, except the 46 kV rated switch.

The base is constructed from a galvanized steel channel and is supplied with two "key hole" mounting holes for 5/8" mounting bolts. The channel base provides secure clamping to poles.

The optional arrester bracket is supplied with 1/2" mounting bolts to mount the lightning arrestors.

ULTRA-LIGHT CLUSTER MOUNT SWITCH



DIMENSIONS AND WEIGHTS

CATALOG NUMBER	A		B		C		D		WEIGHT	
	IN.	MM.	IN.	MM.	IN.	MM.	IN.	MM.	LB	KG
CM15900S	8	203	15	381	10	254	21	533	95	43
CM25900S	10	254	15	381	10	254	21	533	100	45
CM28900S	15	381	15	381	10	254	21	533	110	50
CM46900S	17	432	30	762	21	533	36	914	-	-

CLUSTER MOUNT SWITCH SPECIFICATIONS

CATALOG NUMBER	RATED VOLTAGE	CURRENT		NOMINAL BIL	FLASHOVER 60 HZ		LEAKAGE DISTANCE		DRY ARC DISTANCE	
		RATED	MOM		DRY	WET	IN.	MM.	IN.	MM.
CM15900S	15kV	900 A	40,000 A	110kV	130kV	40kV	10.8	275	5.7	145
CM25900S	25kV	900 A	40,000 A	150kV	160kV	65kV	17.2	437	7.6	193
CM28900S	28kV	900 A	40,000 A	175kV	195kV	85kV	26.1	663	10.7	272
CM46900S	46kV	900 A	40,000 A	220kV	240kV	115kV	34.0	865	13.6	345

OPTIONS:

- FOR SIX SETS OF SWITCH TERMINAL CONNECTORS, (CATALOG NUMBER 9920), ADD SUFFIX "C" TO THE CATALOG NUMBER. i.e. CM15900SC
- FOR AN ARRESTER BRACKET, ADD THE SUFFIX "B" TO THE CATALOG NUMBER. i.e. CM15900SB

CM SWITCH & ARRESTER COMBINATION

28KV CLUSTER MOUNT SWITCH AND ARRESTER COMBINATION

