

Westinghouse



**Disconnect Switches
Type LBF
Indoor Interrupter**

4.8 to 13.8 Kv
600 and 1200 Amperes
3 Pole, Single Throw

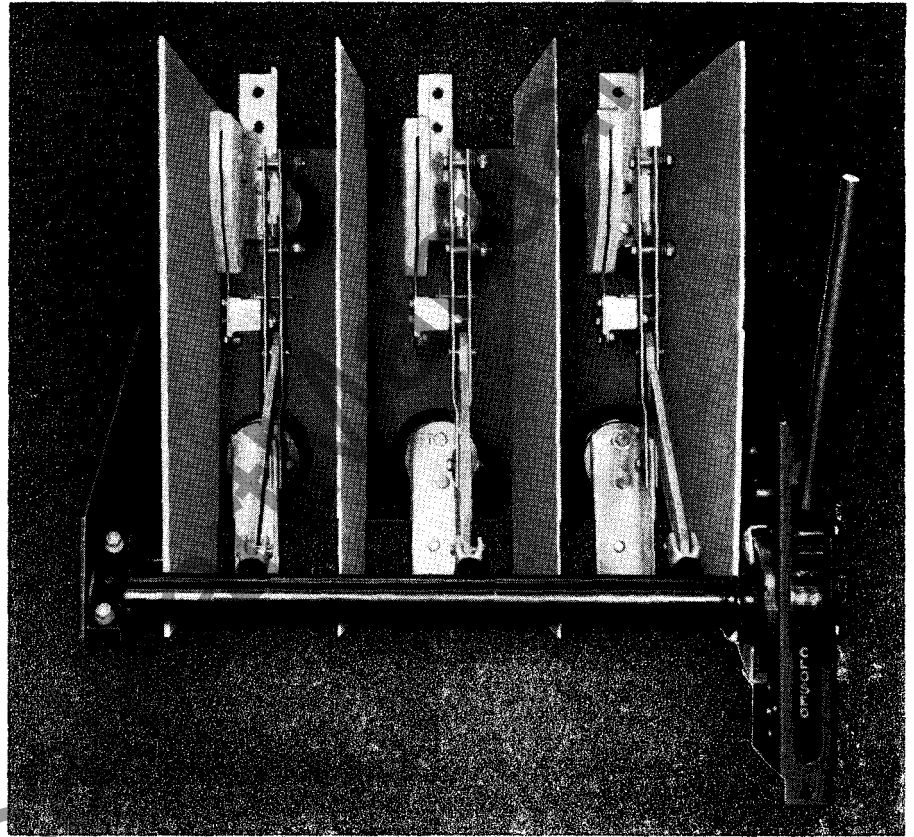
Application

Type LBF-1 interrupter switches are available in unitized, three-pole, frame-mounted construction for mounting in enclosures or assemblies. These units can be applied separately or in conjunction with power fuses. In addition to having full load interrupting ability, LBF switches also will interrupt magnetizing current, charging current, and have quick-make mechanisms which provide fault closing ability with or without associated fuses.

Basically, the switch is available in two current ratings for each voltage class: Type LBF-1 has both a continuous and an interrupting rating of 600 amperes, a fault closing ability of 27,500 amperes and a momentary of 40,000 amperes. Type LBF-1 is also available in 1200 amperes continuous rating and a 600 ampere interrupting rating, 27,500 ampere fault closing ability and a momentary of 61,000 amperes, as indicated in the table below. Styles listed can be furnished with left hand operation. Refer to East Pittsburgh Power Switching Equipment Sales for special handling.

Advantages

- Unitized assembly of pole units and operating mechanism
- Compact – approximately 30-inch cube
- Neat appearance
- Safety to operating personnel
- Easy to install in an enclosure
- Easy to inspect and maintain
- Interchangeable factory tested assemblies
- Delivery from stock



Prices

Type	Kv	Impulse With-stand	Ampere Rating				Style Number	List Price
			Contin-uous	Inter-rupting	Fault Closing	Momentary (Switch Closed)		
LBF-1	4.8	60	600	600	27,500	40,000	677C098G01	639
LBF-1			1200	600	27,500	61,000	593C763G01	734
LBF-1	7.2	75	600	600	27,500	40,000	677C098G02	660
LBF-1			1200	600	27,500	61,000	593C763G02	755
LBF-1	13.8	95	600	600	27,500	40,000	677C098G03	678
LBF-1			1200	600	27,500	61,000	593C763G03	773

Prices effective April 1, 1969; subject to change without notice. For standard terms and conditions of sale, refer to Selling Policy 36-000.

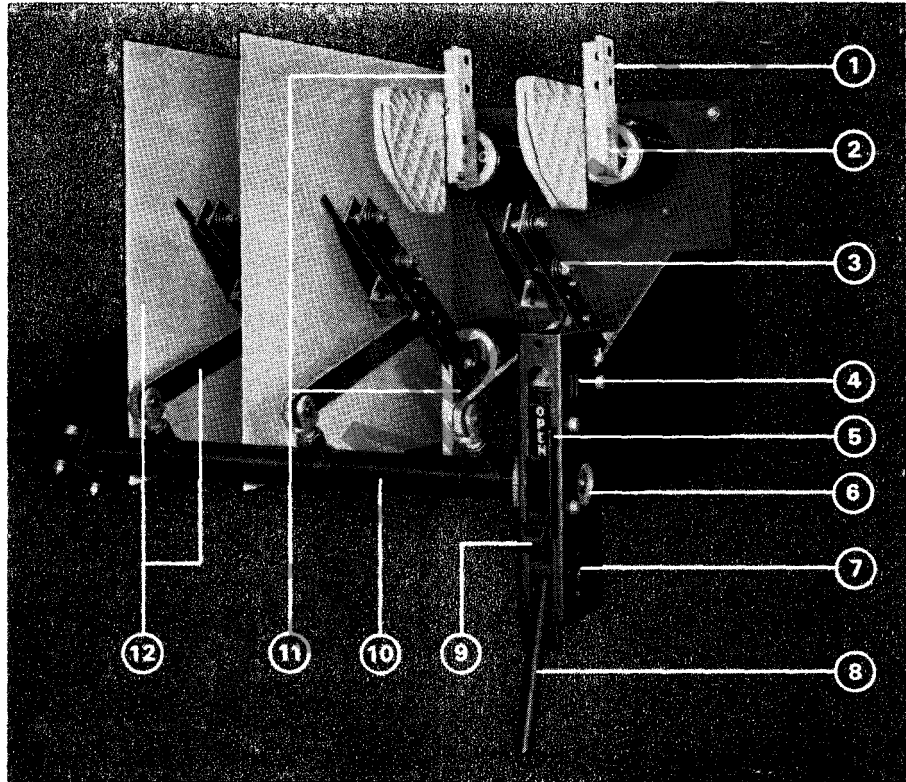
April 1, 1969
Supersedes Catalog Section 36-151, dated June 5, 1963, and supplement, page .01, dated August 12, 1963
E, D, C/1968/PL, DB

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Design Features

- 1 Right angle universal terminal
- 2 Silver contacts
- 3 Zirconium copper blades, hi-strength, hi-conductivity (92%)
- 4 Mechanical interlocking intelligence for enclosure door, fuse compartment, duplex units
- 5 Positive switch position indication
- 6 Low friction Teflon coated bearings
- 7 Key interlocking provision for operating handle
- 8 Removable operating handle
- 9 Padlocking arrangement for operating handle
- 10 Torsion bar drive
- 11 Hard drawn copper hinge and tongue, hi-strength, hi-conductivity (98%)
- 12 Glass polyester insulating links and barriers



Construction

Each unit consists of a unitized, three-pole assembly on a flat steel base with provision for bolting into an enclosure.

The pole unit consists of high conductivity blades, quick break contacts and arc chambers which are coordinated to provide for the rated interrupting ability, continuous, and fault closing ratings.

The mechanism, which is also integral with the assembly, consists of a torsion bar drive to provide both fast closing and fast opening. It is actuated by a removable handle operating mechanism for operation.

Provision in the mechanism is made for interlocking with the enclosure door and adjacent fuse compartments and also to provide positive switch position indication

Dimensions in Inches

