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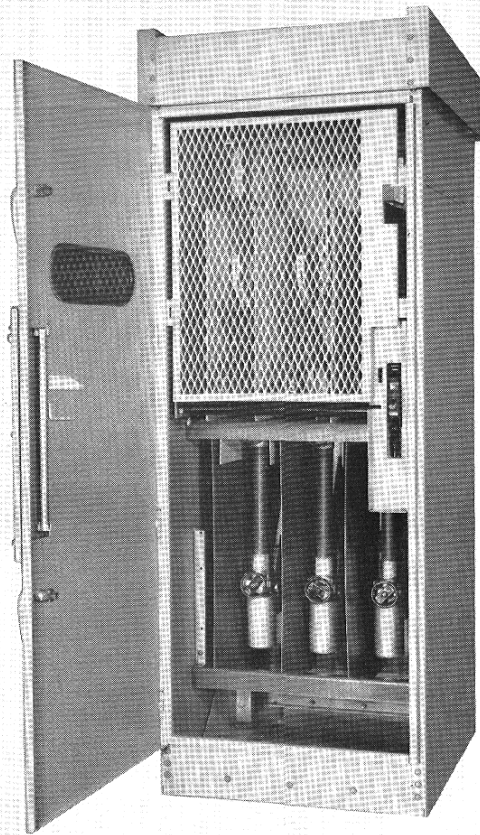
## load interrupter switchgear (fixed mounted) with quick-make, quick-break mechanism and fuse circuit protection

4.8, 7.2, 13.8 kv; 600 and 1200 amperes  
indoor and outdoor service

price list

**31-930**

page 1



### general information

This price list provides prices for metal-enclosed load interrupter switchgear, both indoor and outdoor, utilizing type LBF fixed-mounted switch and fuse. The price addition tables cover additions to and modifications of the basic assemblies listed in table a, and may not be used as separate prices for the items covered. Nor can prices listed in other price lists be used for modifying prices from this price list.

### pricing instructions

Prices listed are for Westinghouse standard LBF metal-enclosed fixed-mounted load-interrupter switchgear with freight charges prepaid as outlined in selling policy 31-700. Variations from the standard require special pricing.

### ordering information

When ordering, specify:

1. Single-line diagram showing main connections and sketch showing desired order of assembly of units.
2. Continuous current of switch required.
3. Type of fuse and rating or rating of circuit.
4. Type of cable, number and size of conductor and diameter over lead or braid of each power circuit and where they enter (top or bottom).
5. How power cables are to terminate (clamp terminals, stress cones or potheads).
6. Maximum overall dimensions of shipping section which can be handled and installed at destination.
7. Complete wording for each circuit identification nameplates.
8. Size of auxiliary control transformer if required. It is assumed that normally a 240-volt a-c source is available for heaters in outdoor units.

### further information

description and dimensions: descriptive bulletin 31-935

### list prices

table a: base prices of single or multiple units

voltage class, kv	BIL kv	switch rating <sup>②</sup>		list price					
		continuous amperes	interrupting amperes	future unit—no switch or fuse	switch only— no fuse	fused unit—type of fuse			
						BA-200	BA-400	current limiting	
								CLE-1	CLE-2 <sup>①</sup>
indoor									
5.0	60	600	600	\$ 700	\$1,400	\$1,700	\$1,900	\$1,900	\$2,230
		1200	1200	725	1,650	1,950	2,150	2,150	2,480
7.5	75	600	600	750	1,450	1,750	1,950	1,950	2,280
		1200	1200	775	1,700	2,000	2,200	2,200	2,530
15.0	95	600	600	800	1,525	1,910	2,130	2,130	2,355
		1200	1200	825	1,800	2,150	2,400	2,400	2,630
outdoor									
5.0	60	600	600	1,100	1,800	2,100	2,300	2,300 <sup>①</sup>	2,630
		1200	1200	1,125	2,050	2,350	2,550	2,550	2,880
7.5	75	600	600	1,150	1,900	2,200	2,400	2,400	2,730
		1200	1200	1,175	2,150	2,450	2,650	2,650	2,980
15.0	95	600	600	1,200	1,975	2,360	2,580	2,580	2,805
		1200	1200	1,225	2,250	2,680	2,850	2,850	3,080

#### prices include:

- 1—Metal enclosed compartment.
- 1—Type LBF fixed switch, manually operated, 3 pole, single throw with or without fuses.
- 1—Three-phase clamp type incoming cable termination.
- 1—Three-phase clamp type outgoing cable termination.
- 1—Set of space heaters (outdoor only). Power supply for heaters is not included.

① Changed or added since previous issue.

② Ratings apply to load break switch only. The continuous rating of the switch and fuse combination is dictated by continuous rating of fuses furnished.

**note 1:** For extra depth to accommodate equipment which must be mounted in the rear. See applicable tables for rear-mounted equipment.

**add \$250 list** for indoor units.

**add \$350 list** for outdoor units.

See descriptive bulletin 32-755, page 4, for available dimensions.

**February 21, 1966**

supersedes price list 31-930, pages 1 and 2, dated December 20, 1965  
mailed to: E, D, C/1935/PL

prices effective February 21, 1966; subject to change without notice

for standard terms and conditions of  
sale, refer to selling policy 31-700



**load interrupter switchgear (fixed mounted)**  
with quick-make, quick-break mechanism

**table b: transition compartments<sup>①</sup>**

voltage class, kv	list price addition	
	indoor	outdoor
5.0	\$550	\$800
7.5	625	875
15.0	700	950

① Transition compartment is required when it is necessary to change bus position as in the case of bus tie switch. Price includes enclosure and transition bus. To price bus tie circuit add price of complete switch unit and transition compartment.

**table c: entrance compartments**

Prices include cable entrance enclosure and one set of cable terminals. Prices do not include potheads, roof bushings, etc. Refer to table k for these modifications.

voltage class, kv	list price addition			
	full height compartment <sup>①</sup>		superstructure—for top entrance <sup>②</sup>	
	indoor	outdoor	indoor	outdoor
5.0	\$400	\$600	\$200	\$300
7.5	450	650	225	325
15.0	500	700	250	350

① To connect cables directly to the main bus (no switch) it is necessary to supply a cable entrance compartment. Normally this is a full-height, shallow-depth end compartment.

② If cables enter the top of the unit and tie directly to cable lugs on the bus, a superstructure on top of the unit can be supplied.

**table d: meter compartment—power company metering**

When provision for mounting and connections only for a power company's instrument transformers and/or meters is required, add for proper compartmentation as follows:

type of service	list price addition
indoor	\$1,040
outdoor	1,515

note: For customer metering where PTs, CTs or meters are to be furnished, use above prices for compartmentation and then add for the required devices from the respective tables. Provision is for fixed mounted PTs only.

**table e: current transformers**

Require metering section for main bus metering and rear section for feeder metering.

maximum service voltage class, kv	list price addition, each <sup>①</sup>
5.0	\$130
7.5	150
15.0	150

① Prices are for single secondary only. For double secondary, use two single-secondary prices.

**table f: potential transformers**

Fixed mounted only—complete with primary fuses. Requires metering section.

maximum service voltage class, kv	list price addition, each
5.0	\$290
7.5	390
15.0	440

note: Auxiliary power transformer may be required to supply 120/240 volt a-c source for heaters, lights, etc., on outdoor units. For price, including mounting and required compartmentation, refer to Westinghouse.

**table g: meters and instruments**

For feeder instrumentation only, price from table c one full-height entrance compartment (total) to house all instruments for the feeders involved, plus bus potential transformer if required.

equipment	list price addition
ammeter indicating, each	\$125
voltmeter indicating, each	125
instrument transfer switch, each	70
test block with plug, each	65
watthour meter, 2 element, each	270
watthour meter, 3 element, each	350
demand register, each	85

**table h: miscellaneous equipment**

equipment	list price addition
space heaters for indoor cubicles, each	\$50
terminal lugs for two conductors per phase, per set	10
key interlock, per cylinder	85

**table i: lightning arresters<sup>①</sup>**

max kv rating	volts		list price addition per 3-phase set	
	grounded neutral	ungrounded system	type LV	type SV
3	2,400-4,160	2,400	\$190	\$ 500
6	4,800-7,200	4,160-4,800	220	580
9	12,000	6,900-7,200	240	665
12	13,200	12,000	280	760
15	.....	13,800	320	1,050

① Require a rear section for mounting.

**table j: surge capacitors—3 phase<sup>①</sup>**

Includes mounting, connections and enclosure.

max rating, volts	list price addition
4,160	\$ 575
6,900	810
13,800	1100

① Require a rear section for mounting.

**table k: termination modifications**

voltage class, kv	list price addition	
	roof entrance bushing 3-phase installation	potheads—one 3-phase conductor or three 1-phase conductor <sup>①</sup>
5	\$250	\$240
7.5	270	270
15.0	290	295

① If double potheads are required, add for extra depth per note 1, table a.

**table l: spare fuses and fuse refills**

For prices of spare fuses and/or fuse refills refer to price list 36-620.

**table m: transformer throat connection**

voltage class, kv	list price addition
5.0	\$450
15.0	600

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