



Westinghouse Electric Corporation
General Control Division
Buffalo, New York 14240

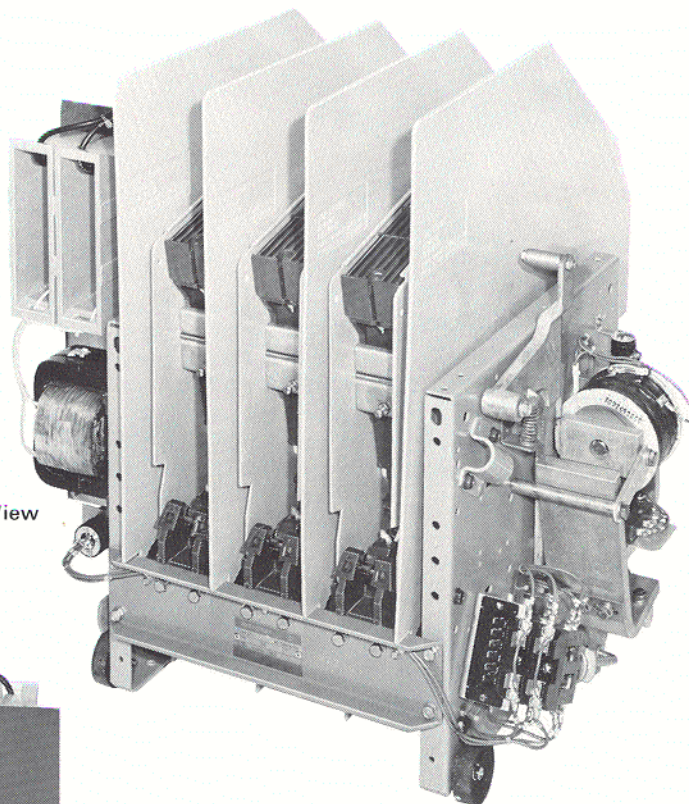
Renewal Parts Data 16-200A13 Page 1

Newest Style

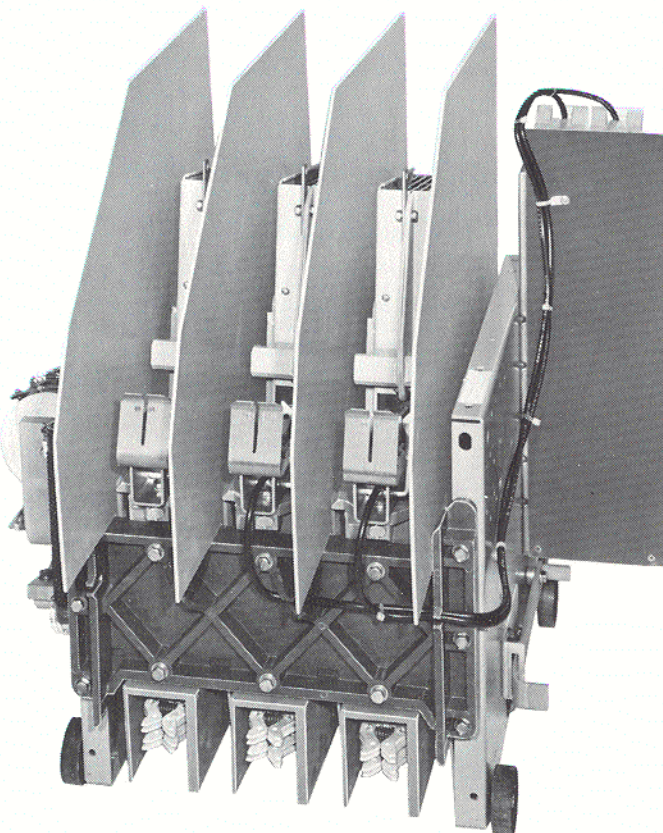
High Voltage Contactors Air Break Type LF

DC Magnet — 2 and 3 pole
2500/5000 Volt — 400 Ampere

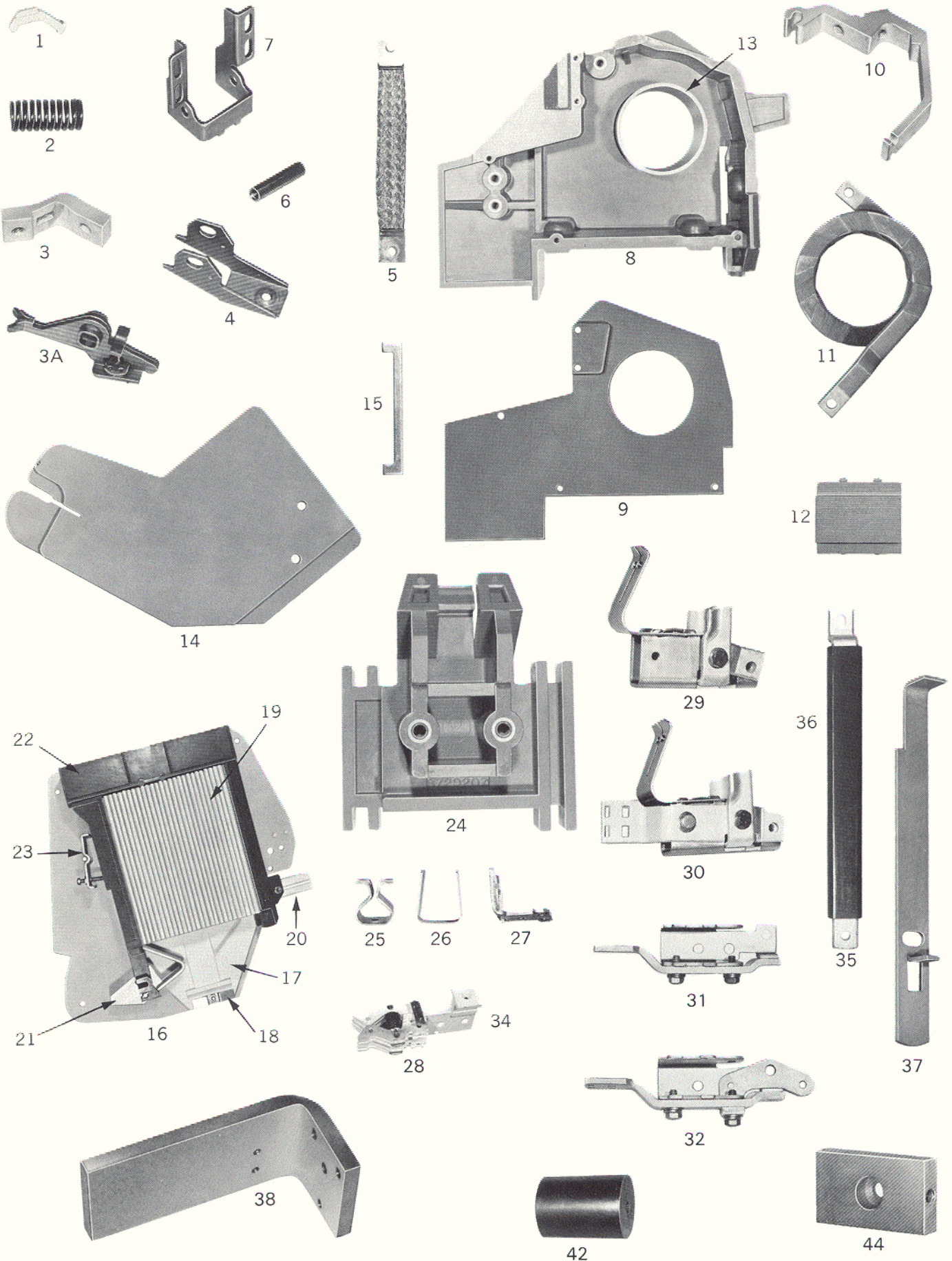
Front View



Rear View



July 1977
New Information
E. D. C/2750-2754



High Voltage Contactors Air Break Type LF

Type LF Contactor

Type	No. Poles	Style Number			
		Complete with Coil		Without Coil	Operating Coil
		2500 Volt	5000 Volt		
LF50H430	3	476A743G01*	476A743G10*	2121A13G01	658C651G01
LF50H430	3	476A743G02*	476A743G11*	2121A13G02	658C651G01
LF50H430	3	476A743G03	476A743G12	2121A13G03	658C651G01
LF50H420	2	476A743G04	476A743G13	2121A13G04	658C651G01
LF50H430	3	.....	.....	2121A13G11	.....
LF50H420	2	.....	.....	2121A13G12	.....
LF50H403	3	.....	.....	2121A14G11	.....
LF50H430L	3	.....	.....	2121A14G03	.....

* Style number includes parts listed below for appropriate voltage.

Description of Part	Style Number	No. Used
Contactors without coil — see pages 4 & 5	See above	1
Operating coil	See rating table	1
Resistor	See rating table	1
Type L-64 electrical interlock	843D943G04	2
Secondary control fuse — 10 amp., 250 volt	120A823H04	2
Fuse block	455A865H02	1
2500 volt parts*		
Control transformer — 2300/115 volt	6406D14G01	1
Primary control fuse — 2 amp., 2.5 KV	677C592G04	2
Fuse clip	316B911H01	4
Fuse box	827D925G01	2
5000 volt parts*		
Control transformer — 4160/115 volt	6406D14G02	1
Primary control fuse — 3 amp., 5 KV	317B487H04	2
Fuse clip with spring	2103A80H04	4
Fuse box	827D935G01	2

Rating Table

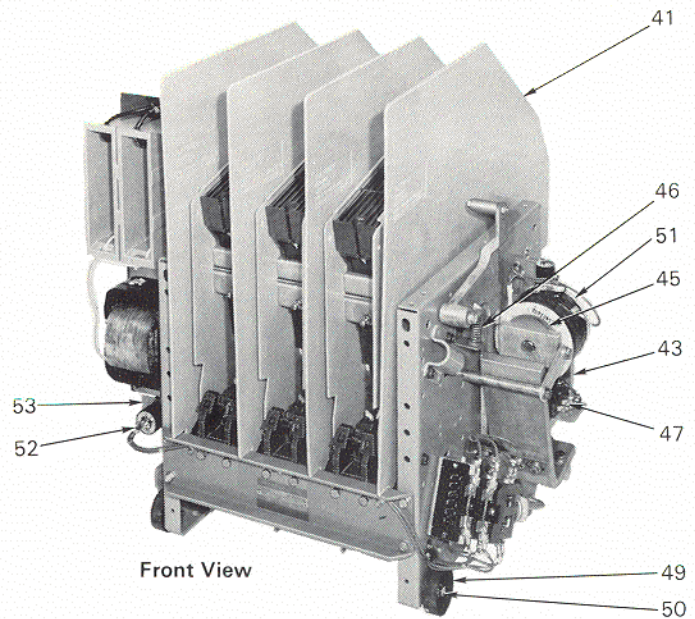
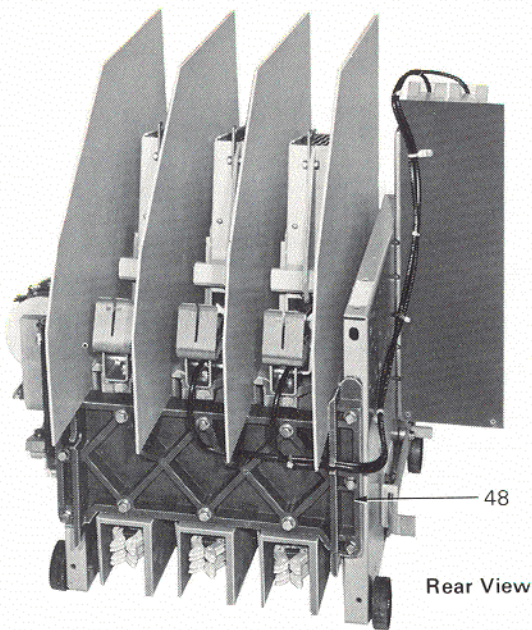
Ac Control Voltage	Nominal Coil Voltage (DC)	Rectifier Unit Style Number	Coil Style Number	Protective Resistor Style Number
115	100	2018A40G01	658C651G01	443A328H30 (36 Ohms)
230	200	2018A40G02	658C651G02	6340D02G01 (150 Ohms)

Ordering Information

- Give style number and name the part.
- Give the complete nameplate reading of the contactor.
- State method of shipment desired.
- Send all orders or correspondence to the nearest Westinghouse Sales Office.

Further Information

For instructions and maintenance information, refer to I.L. 16-200-25.



Contactor without Coil

- 3 pole without line fingers — with latched magnet
- 3 pole without arc box and blowout, spring closed
- 2 pole with line fingers — without transformer mounting
- 3 pole with line fingers — without transformer mounting
- 2 pole with line fingers and small phase barriers
- 3 pole with line fingers and small phase barriers
- 3 pole with line fingers and large phase barriers
- 3 pole without line fingers — with large phase barriers

Style Number

2121A14G03
2121A14G11
2121A13G12
2121A13G11
2121A13G04
2121A13G03
2121A13G02
2121A13G01

Reference Numbers	Description of Part	Style Number	Number PER UNIT									
1	Moving and stationary contact 1" wide	316B948G01	—	—	—	—	—	—	—	6	6	—
1	Moving and stationary contact 3/4" wide	316B948G02	—	6	6	4	—	6	4	—	—	3
2	Moving contact spring	488A898H01	—	—	—	—	—	—	—	—	—	—
2	Moving contact spring	488A898H04	—	—	—	—	—	—	—	3	—	—
2	Moving contact spring	2086A39H03	3	3	3	2	3	2	—	—	—	—
3A	Moving contact pivot arm	6474D04G02	3	3	3	2	3	2	—	—	—	—
*	Moving contact support	484B505G01	—	—	—	—	—	—	—	3	3	—
3	Moving contact support	3534C32H01	3	3	3	2	3	2	—	—	—	—
*	Moving contact spring support	657C759H01	—	—	—	—	—	—	—	3	3	—
4	Moving contact spring support	3534C31H02	3	3	3	2	3	2	—	—	—	—
5	Moving contact shunt	657C766G01	3	3	3	2	3	2	3	3	—	—
*	Moving contact pivot shaft	484B510H01	—	—	—	—	—	—	—	3	3	—
6	Moving contact pivot shaft	2086A37H02	3	3	3	2	3	2	—	—	—	—
*	Moving contact stop	484B544H01	—	—	—	—	—	—	—	3	3	—
7	Moving contact stop	3534C30H02	3	3	3	2	3	2	—	—	—	—
8	Stationary contact insulator	648J248H01	3	3	3	2	3	2	3	3	—	—
9	Side cover for above	872D210H01	3	3	3	2	3	2	3	3	—	—
10	Stationary contact support	657C760G02	3	3	3	2	3	2	—	—	—	—
10	Stationary contact support	657C760G01	—	—	—	—	—	—	—	—	3	—
10	Stationary contact support	657C719G01	—	—	—	—	—	—	—	3	—	—
11	Blowout coil	657C761G01	3	3	3	2	3	2	—	—	3	—
12	Blowout coil core	657C753G01	3	3	3	2	3	2	—	—	3	—
13	Blowout coil core tube	484B450H01	3	3	3	2	3	2	—	—	3	—
14	Blowout coil pole piece — L.H.	872D211G01	3	3	3	2	3	2	—	—	3	—
14	Blowout coil pole piece — R.H.	872D211G02	3	3	3	2	3	2	—	—	3	—
15	Locking bar for above	484B514H01	3	3	3	2	3	2	—	—	3	—
16	Arc box assembly (R.H. side removed)	2121A13G10	3	3	3	2	3	2	—	—	3	—
17	Arc shield	872D200H01	6	6	6	4	6	4	—	—	6	—
18	Arc shield clip	484B511H01	6	6	6	4	6	4	—	—	6	—
19	Grid stack	3534C27G02	3	3	3	2	3	2	—	—	3	—
20	Line arc horn	872D216G05	3	3	3	2	3	2	—	—	3	—
*	Insulator for above	872D203H02	3	3	3	2	3	2	—	—	3	—
21	Load arc horn	872D216G06	3	3	3	2	3	2	—	—	3	—
*	Insulator for above	872D203H01	3	3	3	2	3	2	—	—	3	—
22	Muffler	872D202G01	3	3	3	2	3	2	—	—	3	—
23	Grid stack clamp	484B524H01	3	3	3	2	3	2	—	—	3	—

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- 2 pole with line fingers and small phase barriers
- 3 pole with line fingers and small phase barriers
- 3 pole with line fingers and large phase barriers
- 3 pole without line fingers — with large phase barriers

Style Number

2121A14G03
2121A14G11
2121A13G12
2121A13G11
2121A13G04
2121A13G03
2121A13G02
2121A13G01

Reference Numbers	Description of Part	Style Number	Number PER UNIT									
*	Arc box positioner	657C763H01	6	6	6	4	6	4	—	6		
24	Arc box support insulator	872D207H01	3	3	3	2	3	2	—	3		
25	Arc switch jaw	316B932H01	6	6	6	4	6	4	—	6		
26	Arc switch spring	316B934H01	6	6	6	4	6	4	—	6		
27	Arc switch support	316B943H01	6	6	6	4	6	4	—	6		
28	Drawout contact finger	2121A13G07	3	6	6	4	6	4	6	3		
29	Line fuse support without line connector	2121A13G50	3	—	—	—	—	—	—	3		
30	Line fuse support with line connector	2121A13G51	—	3	—	—	—	—	—	—		
31	Line finger support	2121A13G52	—	—	3	2	—	—	—	—		
32	Line finger support	2121A13G53	—	—	—	—	—	—	—	3		
34	Load finger support	657C773G01	3	3	3	2	—	—	—	3	3	
*	Load finger support	666C930G01	—	—	—	—	3	2	—	—		
35	Load connector	657C774H01	3	3	3	2	—	—	—	3	3	
*	Load connector	657C774H05	—	—	—	—	3	2	—	—		
36	Insulation tube for above	2078A10H04	3	3	3	2	3	2	3	3		
37	Drawout detent latch	3534C35H01	1	1	1	1	1	1	1	1		
38	Armature	3534C28H01	1	1	1	1	1	1	—	—		
*	Armature	657C754H02	—	—	—	—	—	—	—	1		
*	Armature	657C754H03	—	—	—	—	—	—	—	—	1	
*	Armature clamp	657C752H01	—	—	—	—	—	—	—	1	1	
*	Armature adjusting lever	657C751H01	—	—	—	—	—	—	—	—	1	
*	Armature adjusting lever	657C751H02	—	—	—	—	—	—	—	1	—	
*	Contact shaft with insulation	6474D02G01	1	1	1	1	1	1	—	—		
*	Contact shaft with insulation	490A813G08	—	—	—	—	—	—	—	1	1	
*	Contact shaft key	316B929H03	—	—	—	—	—	—	—	1	1	
*	Contact shaft bearing	430A762H01	—	—	—	—	—	—	—	2	2	
*	Contact shaft bearing	430A762H02	1	1	1	1	1	1	—	—		
*	Contact shaft needle bearing	309B245H03	1	1	1	1	1	1	—	—		
*	Flangette	484B517H01	2	2	2	2	2	2	4	4		
41	Phase barrier — 28" height	657C767H01	4	4	—	—	—	—	—	4		
41	Phase barrier — 24" height	657C767H02	—	—	4	2	—	—	4	—		
41	Phase barrier — 25 3/4" height	657C767H03	—	—	—	—	4	2	—	—		
42	Magnet core (top)	484B500H01	1	1	1	1	1	1	—	1		
42	Magnet core (top)	484B500H02	—	—	—	—	—	—	—	1	1	
*	Magnet core (bottom)	657C764H01	—	—	—	—	—	—	—	1	1	
43	Magnet yoke	3534C33G01	1	1	1	1	1	1	—	—		
43	Magnet yoke	657C755H02	—	—	—	—	—	—	—	1		
43	Magnet yoke	657C755H03	—	—	—	—	—	—	—	1	—	
44	Magnet pole face	2086A48H01	1	1	1	1	1	1	—	—		
*	Magnet pole face	640C443H06	—	—	—	—	—	—	—	1	1	
*	Magnet residual shim	484B501H01	1	1	1	1	1	1	1	1		
45	Coil retaining washer	484B512G01	1	1	1	1	1	1	—	1		
45	Coil retaining washer	484B512G02	—	—	—	—	—	—	—	1	—	
46	Isolating switch interlock lever spring	197A754H04	1	1	—	—	—	—	—	—	1	
47	Type L-64 electrical interlock	843D943G24	1	1	1	1	1	1	—	1		
47	Type L-64 electrical interlock	843D943G23	—	—	—	—	—	—	—	1	—	
*	Insulator for above	484B534H03	1	1	1	1	1	1	—	—		
*	Insulator for above	484B534H01	—	—	—	—	—	—	—	1	1	
48	Finger support insulator	872D213H01	1	1	1	1	1	1	1	1		
*	Closing spring	462A430H01	—	—	—	—	—	—	—	2	—	
*	Spring seat	484B475H01	—	—	—	—	—	—	—	2	—	
*	Spring guide	484B084G01	—	—	—	—	—	—	—	2	—	
49	Wheel	484B506H01	4	4	4	4	4	4	4	4		
*	Spacer for above	2115A03H01	4	4	4	4	4	4	4	4		
50	Screw .312 - 18 x 1.25 HEX TC	STD HARDWARE	4	4	4	4	4	4	4	4		
51	Operating coil	SEE PAGE	1	1	1	1	1	1	1	1		
*	Contact kit (1)	2126A44G01	1	1	1	1	1	1	—	—		
52	Test plug and wire	2115A07G01	1	1	1	1	1	1	1	1		
53	Receptacle	2115A04H02	1	1	1	1	1	1	1	1		

(1) Style number covers one set of contacts and springs with mounting hardware for one pole.

* not illustrated

High Voltage Contactors
Air Break Type LF