



### Pole Assemblies

Contacts		Rod	Pole	Kit
N.O.	N.C.	Color	Description	Cat. No.
1	0	White	Convertible Pole	KPM-1A
0	1	White	Convertible Pole	KPM-2A
1	1	Red	Universal Pole	KPMA-1
2	0	Green	Duplex Pole	KPMF-1
1	0	White	Convertible Pole — Anti-Weld Contacts	KPM-31A
0	1	White	Convertible Pole — Anti-Weld Contacts	KPM-32A
1	1	Orange	Overlap Contact	KPMA-21
1	1	Red	Universal Pole — Anti-Weld Contacts	KPMA-2
2	0	Green	Duplex Pole — Anti-Weld Contacts	KPMF-2
1	1	Orange	Overlap. Anti- Weld Contacts	KPMA-22



KPMA - 1



KPMF - 1



KPM - 1A

### Relay Bases Only

Coil		Base
Voltage	Hertz	Catalog Number
24	60	5S-96
110-120	60	5S-76
110	50	5S-75
220-240	60	5S-26
220	50	5S-25
380	50	5S-46
440-480	60	5S-46
550-600	60	5S-56

### Ordering Information

### Coil Data

### Coil Table

• Use complete catalog number.	Inrush volt-amperes (at 60 hertz) <u>61</u>	60Hz Voltage	Suffix	60 Hz Voltage	Suffix
	Holding volt-amperes (at 60 hertz) <u>16</u>	24 Separate Control	-96	200-240	-26
		120 Separate Control	-76	440-480	-46
				550-600	-56

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### Modification Kits for Type PM Family - Discount Schedule JC55

Description	Catalog Number
<b>Kits for BUL. 7305 Type PM Convertible Pole Relays</b>	
Pole Kits (All are convertible)	
N.O. Non-Overlap Contacts, Closed Top	KPM-1A
N.C. Non-Overlap Contacts, Closed Top	KPM-2A
N.O. Non-Overlap Contacts, Open Top	KPM-3A
N.C. Non-Overlap Contacts, Open Top	KPM-4A
N.O. Non-Overlap Anti-Weld Contacts, Closed Top	KPM-31A
N.C. Non-Overlap Anti-Weld Contacts, Closed Top	KPM-32A
N.O. Non-Overlap Anti-Weld Contacts, Open Top	KPM-33A
N.C. Non-Overlap Anti-Weld Contacts, Open Top	KPM-34A
N.O. Non-Overlap Gold Bonded Contacts, Closed Top	KPM-41
N.C. Non-Overlap Gold Bonded Contacts, Closed Top	KPM-42
N.O. Non-Overlap Gold Bonded Contacts, Open Top	KPM-43
N.C. Non-Overlap Gold Bonded Contacts, Open Top	KPM-44
<b>Kits for BUL. 7305 Type PMA Universal Pole Relays</b>	
Pole Kit -	
N.O. & N.C. Non-Overlap Contacts, Closed Top	KPMA-1
N.O. & N.C. Non-Overlap Anti-Weld Contacts, Closed Top	KPMA-2
N.O. & N.C. Overlapping Contacts, Closed Top	KPMA-21
N.O. & N.C. Overlapping Anti-Weld Contacts, Closed Top	KPMA-22
<b>Kits for BUL. 7305 Type PMF Duplex-Pole Relays</b>	
Pole Kits -	
2 N.O. Non-Overlap Contacts, Closed Top	KPMF-1
2 N.O. Non-Overlap Anti-Weld Contacts, Closed Top	KPMF-2
<b>Kit for BUL. 7305 Type PML or PMAL Latch Relays</b>	
Latch Kit, with coil - Specify trip coil voltage suffix: - 76 (110-120v 60hz). —26 (220-240v 60hz), - 46 (440-480v 60hz). Specify other voltages	KPMH-12
<b>Kits for BUL. 7313 Type PMT Timing Relays</b>	
Contact Operating Link for R.H. Timed Pole	KPMT-1
Contact Operating Link for Instantaneous Pole	KPMT-2
Contact Mounting Bracket and Arm Assembly (R.H.)	KPMT-3
Contact Mounting Bracket and Arm Assembly (L.H.)	KPMT-4



KPM - 1A



KPMF - 1



KPMA - 1

### Renewal Parts Kits - Discount Schedule JC80

Renewal Parts Kits for BUL. 7305 Type PM Convertible Pole Relays	Cat. No.
Contact Arm, Short (4 Pole) with screws	KPM-7
Contact Arm, Long (6 Pole) with screws	KPM-8
Assembled Magnet and Rod (Straight-End Bracket) A-c Relays	KPM-9
Assembled Magnet and Rod (Hooked-End Bracket) A-c Relays	KPM-10
Assembled Magnet and Core. 2,3 & 4 Pole D-c Relays (Includes Rod, Bracket & Contact Arm)	KPM-16
Assembled Magnet and Core, 6 & 8 Pole D-c Relays (Includes Rod, Bracket & Contact Arm)	KPM-17
<b>Renewal Parts for BUL. 7313 Type PMT Timing Relays</b>	
Assembled Magnet and Rod (Folio 2 Relays)	KPMT-10
Timing Head (without dial) (Folio 2 Relays)	KPMT-12



Kit KPMH - 12

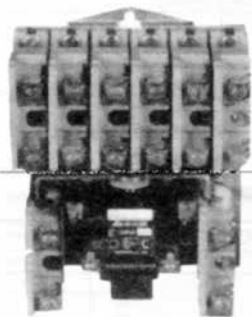


Kit KPMT - 12

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# LIGHTING CONTACTORS

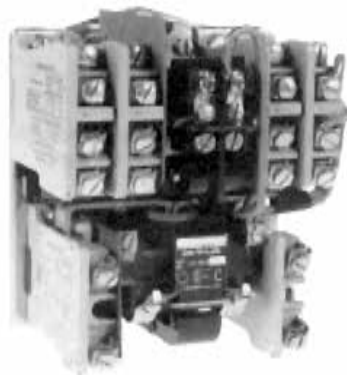
## Type PM - LC & LCL



Typical 20 Ampere  
Electrically Held Lighting  
Contactor, 8-Pole

**\* Notes:**

Only the KPM-33A (N.O.) and KPM-34A (N.C.) can be located on the bottom of the contactor beside the coil. All other contacts are above.



Typical 20 Ampere  
Mechanically Held  
Lighting Contactor, 8-Pole

### Lighting Contactors - LC & LCL 20 Ampere - Bulletin 7707LC

Poles	N.O.	N.C.	Electrically Held - 20 Ampere			Mechanically Held - 20 Ampere		
			NEMA Type 1 General Purpose	Dim.	Open Catalog No.	NEMA Type 1 General Purpose Catalog No.	Dim.	Open Catalog No.
2	2	0	LC20A0020 - *	A	LC20U0020 - *	LCL20A0020 - *	B	LCL20U0020 -
2	1	1	LC20A0011 - *	A	LC20U0011 - *	LCL20A0011 - *	B	LCL20U0011 -
3	3	0	LC20A0030 - *	A	LC20U0030 - *	LCL20A0030 - *	B	LCL20U0030 -
3	2	1	LC20A0021 - *	A	LC20U0021 - *	LCL20A0021 - *	B	LCL20U0021 -
3	1	2	LC20A0012 - *	A	LC20U0012 - *	LCL20A0012 - *	B	LCL20U0012 -
4	4	0	LC20A0040 - *	A	LC20U0040 - *	LCL20A0040 - *	B	LCL20U0040 -
4	3	1	LC20A0031 - *	A	LC20U0031 - *	LCL20A0031 - *	B	LCL20U0031 -
4	2	2	LC20A0022 - *	A	LC20U0022 - *	LCL20A0022 - *	B	LCL20U0022 -
6	6	0	LC20A0060 - *	A	LC20U0060 - *	LCL20A0060 - *	C	LCL20U0060 -
6	5	1	LC20A0051 - *	A	LC20U0051 - *	LCL20A0051 - *	C	LCL20U0051 -
6	4	2	LC20A0042 - *	A	LC20U0042 - *	LCL20A0042 - *	C	LCL20U0042 -
6	3	3	LC20A0033 - *	A	LC20U0033 - *	LCL20A0033 - *	C	LCL20U0033 -
8	8	0	LC20A0080 - *	B	LC20U0080 - *	LCL20A0080 - *	C	LCL20U0080 -
8	7	1	LC20A0071 - *	B	LC20U0071 - *	LCL20A0071 - *	C	LCL20U0071 -
8	6	2	LC20A0062 - *	B	LC20U0062 - *	LCL20A0062 - *	C	LCL20U0062 -
8	5	3	LC20A0053 - *	B	LC20U0053 - *	LCL20A0053 - *	C	LCL20U0053 -
8	4	4	LC20A0044 - *	B	LC20U0044 - *	LCL20A0044 - *	C	LCL20U0044 -
10	0-10		LC20A0100 - *	B	LC20U0100 - *	LCL20A0100 - *	C	Contact Factory
12	0-12		LC20A0120 - *	C	LC20U0120 - *	Not Available		Not Available
14	0-14		LC20A0140 - *	C	LC20U0140 - *	Not Available		Not Available

### Contact Kits - Discount Schedule JC 55

Type of Operation	Type of Contact	Operating Rod Color	N.O. or N.C. Contacts	Kit Catalog No.	Location
Non-Overlap	Anti-Weld	White	1-NO	KPM-31A	Top
Non-Overlap	Anti-Weld	White	1-NC	KPM-32A	Top
Non-Overlap	Anti-Weld	White	1-NO	KPM-33A	*Bottom
Non-Overlap	Anti-Weld	Red	1-NO/1-NC	KPMA-2	Top
Overlapping	Std. Silver	Orange	1-NO/1-NC	KPMA-21	Top
Non-Overlap	Anti-Weld	Green	2-NO	KPMF-2	Top
Non-Overlap	Anti-Weld	White	1-NC	KPM-34A	*Bottom

### Factory Modifications - NEMA Type 1

Form	Description
B	3 position selector switch
K	2 position selector switch
C	On/Off Pushbuttons - uses one pole space for holding circuit.

### Accessories

- Enclosures - NEMA 1 and NEMA 3R - see Page L6
- \* See note at top of page for location of contacts

### Ordering Information

- Use complete catalog number. Replace the (\*) with the suffix from Coil Table.
- For a NEMA 3R, (2 to 8 Poles Only) replace the "A" or "U" with an "R".  
Example: LCL20 R 0040
- For cover mounted operators, replace letter "O" with form letter.  
Example: 3 Pos. sel. sw., LC20A B 040 -\*.

### Coil Table

60 Hz Voltage	Suffix	DC Voltage	Suffix
24	-96	24	-024
120	-76	120	-120
208	-86	240	-240
240	-26	12	-012
277	-277	32	-032
480	-46	64	-064
600	-56		