



AC Pneumatic Time Delay Relays - Type PMT Bulletin 7313 Timing Range Adjustable From 0.2 Second To 3 Minutes - Accuracy + 10%

Oper'ng Mode	No. of Univ. Poles	Contacts				Universal Pole ⁶ Arrangement	Open Type Relays		
		Time Delay		Instan. Aux.			Catalog No	Price	
		N.O.	N.C.	N.O.	N.C.				
On Delay Off Delay	1	1	1	None	None		713UP *	\$600.	
		1	1	None	None		713UPD *		
On Delay Off Delay	2	1	1	1	1		713UPA *	660.	
		1	1	1	1		713UPDA *		
On Delay Off Delay	2	2	2	None	None		713UPE *	780.	
		2	2	None	None		713UPDE *		
On Delay Off Delay	3	1	1	2	2		713UPB *	720.	
		1	1	2	2		713UPDB *		
On Delay Off Delay	3	2	2	1	1		713UPF *	840.	
		2	2	1	1		713UPDF *		
On Delay Off Delay	4	1	1	3	3		713UPC *	780.	
		1	1	3	3		713UPDC *		
On Delay Off Delay	4	2	2	2	2		713UPG *	900.	
		2	2	2	2		713UPDG *		

Notes

- Price includes open type relay complete with timing head and operating coil. To complete Cat. No., add coil suffix.
- On Delay** - Timed interval occurs between **energization** of the coil and actuation of timed contact.
- Off Delay** - Timed interval occurs between **de-energization** of the coil and actuation of timed contact.
- Each universal pole consists of two independent isolated contacts suitable for 600 volts at opposite polarity.
- Relays may be converted in the field from **On Delay to Off Delay** and vice versa, using only a screwdriver. When this conversion is made, normally open contacts become normally closed contacts and vice versa.
- On sketches showing universal pole arrangements:
Letters T indicate locations of time delay poles.
Letters I indicate locations of instantaneous poles.
Dotted lines indicated locations where universal poles may be added. Class A relays may have two timed poles maximum.

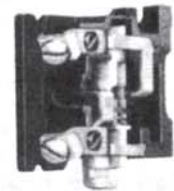
Enclose P6E-01 \$80.00

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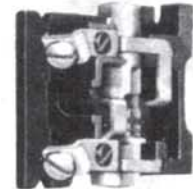
Ordering Information		Coil Table																	
<ul style="list-style-type: none"> Use complete catalog number. Replace the (*) with the suffix from Coil Table. Example: Cat. No. 713UPA (110-120 Volt, 60 Hertz). Overlapping contacts are available in the same contact block at \$120. per pair. 	<ul style="list-style-type: none"> Engineering Data Modification page K11 	<table border="1"> <thead> <tr> <th>60Hz Voltage</th> <th>Suffix</th> <th>60 Hz Voltage</th> <th>Suffix</th> </tr> </thead> <tbody> <tr> <td>24 Separate Control</td> <td>-96</td> <td>200-240</td> <td>-26</td> </tr> <tr> <td>120 Separate Control</td> <td>-76</td> <td>440-480</td> <td>-46</td> </tr> <tr> <td></td> <td></td> <td>550-600</td> <td>-56</td> </tr> </tbody> </table>	60Hz Voltage	Suffix	60 Hz Voltage	Suffix	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

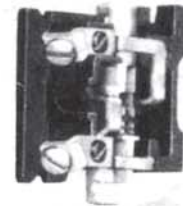
Description	Catalog Number	Price
Kits for BUL. 7305 Type PM Convertible Pole Relays		
Pole Kits (All are convertible)		
N.O. Non-Overlap Contacts, Closed Top	KPM-1A	\$ 36.
N.C. Non-Overlap Contacts, Closed Top	KPM-2A	36.
N.O. Non-Overlap Contacts, Open Top	KPM-3A	36.
N.C. Non-Overlap Contacts, Open Top	KPM-4A	36.
N.O. Non-Overlap Contacts, Open Top, Double Ended Carrier	KPM-5A	36.
N.C. Non-Overlap Contacts, Open Top, Double Ended Carrier	KPM-6A	36.
N.O. Overlapping Contacts, Closed Top	KPM-21A	60.
N.C. Overlapping Contacts, Closed Top	KPM-22A	60.
N.O. Overlapping Contacts, Open Top	KPM-23A	60.
N.C. Overlapping Contacts, Open Top	KPM-24A	60.
N.O. Overlapping Contacts, Open Top, Double Ended Carrier	KPM-25A	60.
N.C. Overlapping Contacts, Open Top, Double Ended Carrier	KPM-26A	60.
N.O. Non-Overlap Anti-Weld Contacts, Closed Top	KPM-31A	48.
N.C. Non-Overlap Anti-Weld Contacts, Closed Top	KPM-32A	48.
N.O. Non-Overlap Anti-Weld Contacts, Open Top	KPM-33A	48.
N.C. Non-Overlap Anti-Weld Contacts, Open Top	KPM-34A	48.
N.O. Non-Overlap Anti-Weld Contacts, Open Top, Double Ended Carrier	KPM-35	48.
N.C. Non-Overlap Anti-Weld Contacts, Open Top, Double Ended Carrier	KPM-36	48.
N.O. Non-Overlap Gold Bonded Contacts, Closed Top	KPM-41	90.
N.C. Non-Overlap Gold Bonded Contacts, Closed Top	KPM-42	90.
N.O. Non-Overlap Gold Bonded Contacts, Open Top	KPM-43	90.
N.C. Non-Overlap Gold Bonded Contacts, Open Top	KPM-44	90.
N.O. Non-Overlap Gold Bonded Contacts, Double Ended Carrier	KPM-45	90.
N.C. Non-Overlap Gold Bonded Contacts, Double Ended Carrier	KPM-46	90.
Adapter Plate (to add 13th or 14th pole)	KPM-15	18.
Kits for BUL. 7305 Type PMA Universal Pole Relays		
Pole Kit - N.O. & N.C. Non-Overlap Contacts, Closed Top	KPMA-1	54.
N.O. & N.C. Non-Overlap Anti-Weld Contacts, Closed Top	KPMA-2	78.
N.O. & N.C. Overlapping Contacts, Closed Top	KPMA-21	108.
N.O. & N.C. Overlapping Anti-Weld Contacts, Closed Top	KPMA-22	132.
Kits for BUL. 7305 Type PMF Duplex-Pole Relays		
Pole Kits - 2 N.O. Non-Overlap Contacts, Closed Top	KPMF-1	54.
2 N.O. Non-Overlap Anti-Weld Contacts, Closed Top	KPMF-2	78.
Kit for BUL. 7305 Type PML or PMAL Latch Relays		
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	168.
Kits for BUL. 7313 Type PMT Timing Relays		
Contact Operating Link for R.H. Timed Pole	KPMT-1	18.
Contact Operating Link for Instantaneous Pole	KPMT-2	18.
Contact Mounting Bracket and Arm Assembly (R.H.)	KPMT-3	36.
Contact Mounting Bracket and Arm Assembly (L.H.)	KPMT-4	36.



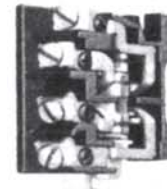
Kit KPM-2A



Kit KPM-4A



Kit KPM-6A



Kit KPMA-1



Kit KPMH-12



Kit KPMT-12

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Renewal Parts Kits -

Discount Schedule JC80

Renewal Parts Kits for BUL. 7305 Type PM Convertible Pole Relays	Cat. No.	Price
Contact Arm, Short (4 Pole) with screws	KPM-7	23.
Contact Arm, Long (6 Pole) with screws	KPM-8	32.
Assembled Magnet and Rod (Straight-End Bracket) A-c Relays	KPM-9	152.
Assembled Magnet and Rod (Hooked-End Bracket) A-c Relays	KPM-10	152.
Assembled Magnet and Core. 2,3 & 4 Pole D-c Relays (Includes Rod, Bracket & Contact Arm)	KPM-16	173.
Assembled Magnet and Core, 6 & 8 Pole D-c Relays (Includes Rod, Bracket & Contact Arm)	KPM-17	179.
Renewal Parts for BUL. 7313 Type PMT Timing Relays		
Assembled Magnet and Rod (Folio 2 Relays)	KPMT-10	301.
Timing Head (without dial) (Folio 2 Relays)	KPMT-12	524.

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