

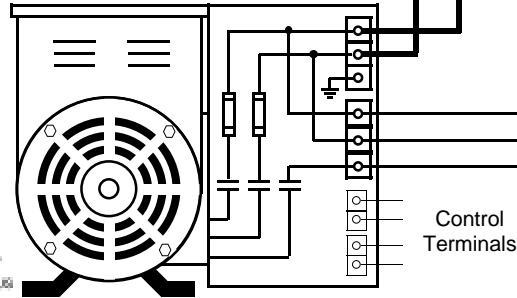
Single-Phase Input from Main Utility Supply Panel

L1
L2

Three-Phase Output to load

T1
T2
T3

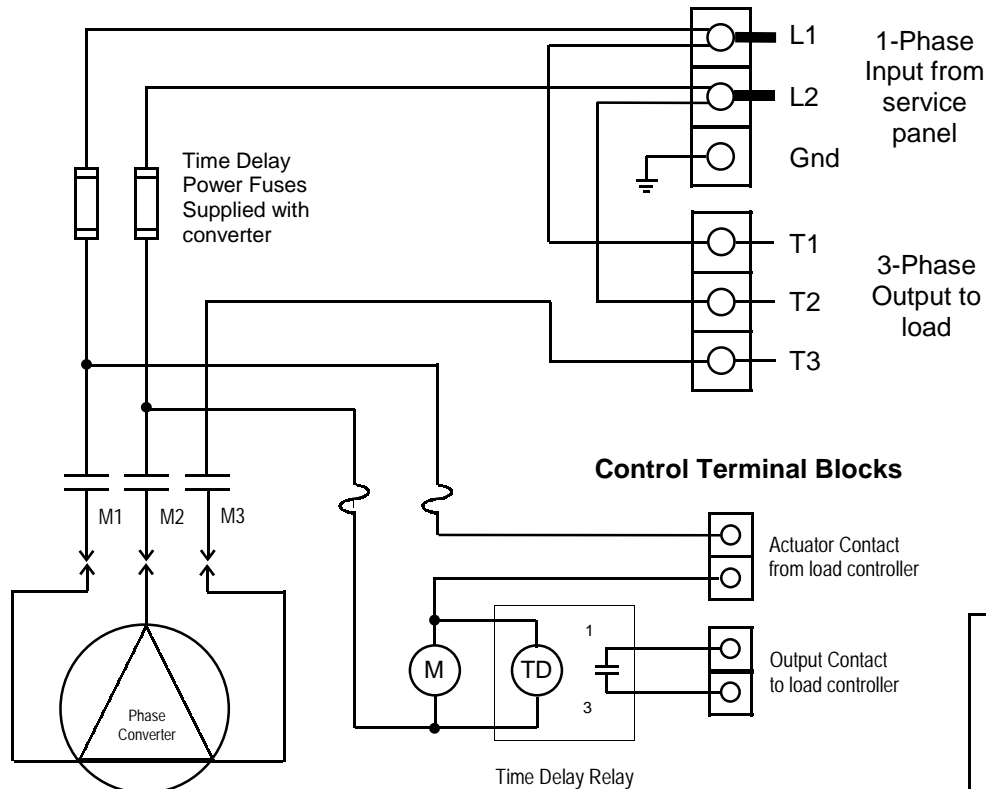
Phasemaster® Type MA-A or DP-A Rotary Phase Converter with built-in fuses and automatic magnetic controls for remote actuation.



Sequence of Operation

1. Input actuator contact from load controller closes magnetic starter M and energizes timing relay TD.
2. Converter starts and the adjustable timing relay waits 1-5 seconds until converter reaches full speed.
3. Output contacts 1-3 then close allowing the load to start.

Control Panel Connection Detail



WIRE SIZE SELECTION CHART							
Model No.	Start HP**	230 Volts			460 Volts		
		Fuse*	1-Ph Cable	3-Ph Cable	Fuse*	1-Ph Cable	3-Ph Cable
SD-60-A	1.5	10	#12	#12	5	#12	#12
MA-00-A	2	15	10	12	7.5	12	12
MA/DP-0-A	3/2	20	8	10	10	10	12
MA/DP-1-A	5/3	30	8	10	15	10	12
MA/DP-1B-A	7.5/5	35	6	8	15	8	12
MA/DP-2-A	10/7.5	40	4	8	20	8	10
MA/DP-3-A	15/10	60	1	6	30	6	10
MA/DP-4-A	20/15	80	1/0	4	40	4	8
MA/DP-5-A	25/20	100	3/0	4	50	2	6
MA/DP-6-A	30/25	125	4/0	2	60	1/0	6
MA/DP-7-A	40/30	150	2-1/0	1/0	75	2/0	4
MA/DP-8-A	50/40	175	2-2/0	2/0	80	2/0	4
MA/DP-9-A	60/50	200	2-2/0	3/0	100	3/0	2
MA/DP-10-A	75/60	N/A	N/A	N/A	150	4/0	1/0

* Supplied with converter
** MA-A Start HP/DP-A Start HP

Connection Diagram for Type MA-A and DP-A Phasemaster Rotary Phase Converter with automatic controls

0302-AUTO