

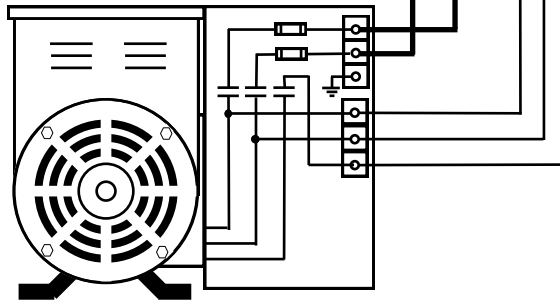
Single-Phase Input from Main Utility Supply Panel

L1
L2

Three-Phase Output to load

T1
T2
T3

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

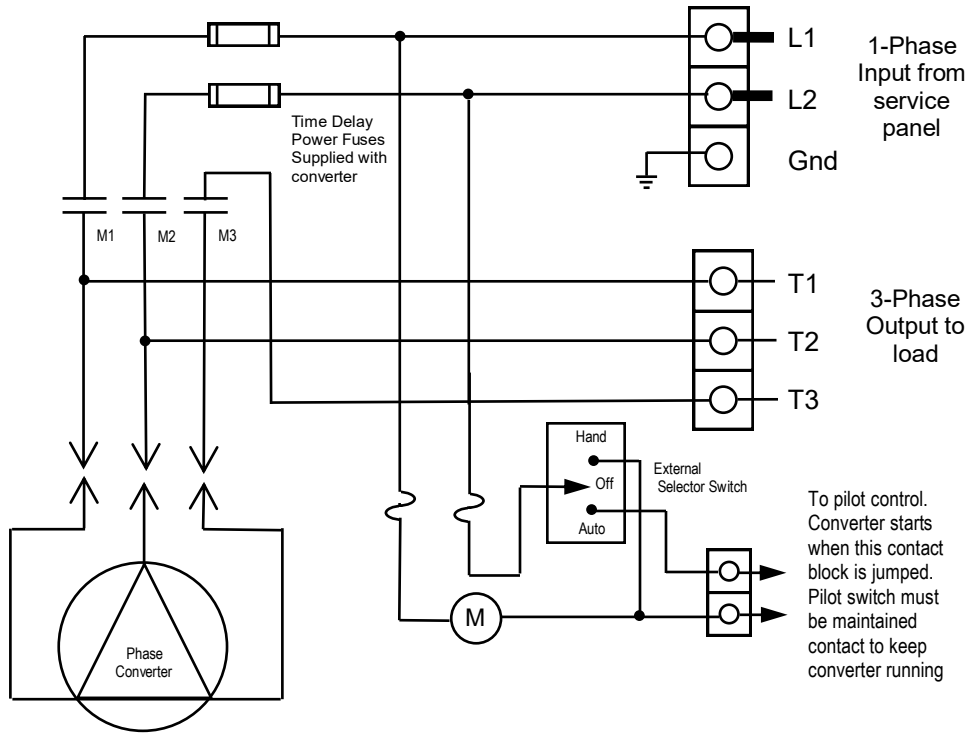


All converter output lines are de-energized until converter is started.

Single-Phase Service Sizing

To insure adequate utility supply to the converter and load, it is necessary to size the 240V, 2-pole branch circuit to provide a **minimum** of 5-6 amps of 1-phase service for every simultaneously operating horsepower of connected 3-phase load. For example, a 10HP and 20HP load operating simultaneously will require at least 150-180 amps of 1-phase service

Control Panel Connection Detail



To pilot control. Converter starts when this contact block is jumped. Pilot switch must be maintained contact to keep converter running

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

* Fuses supplied with converter

** Total HP operating capacity is two times the start rating

Connection Diagram for Type MA-AW Phasemaster Rotary Phase Converter with automatic controls for remote actuation

0302-AW