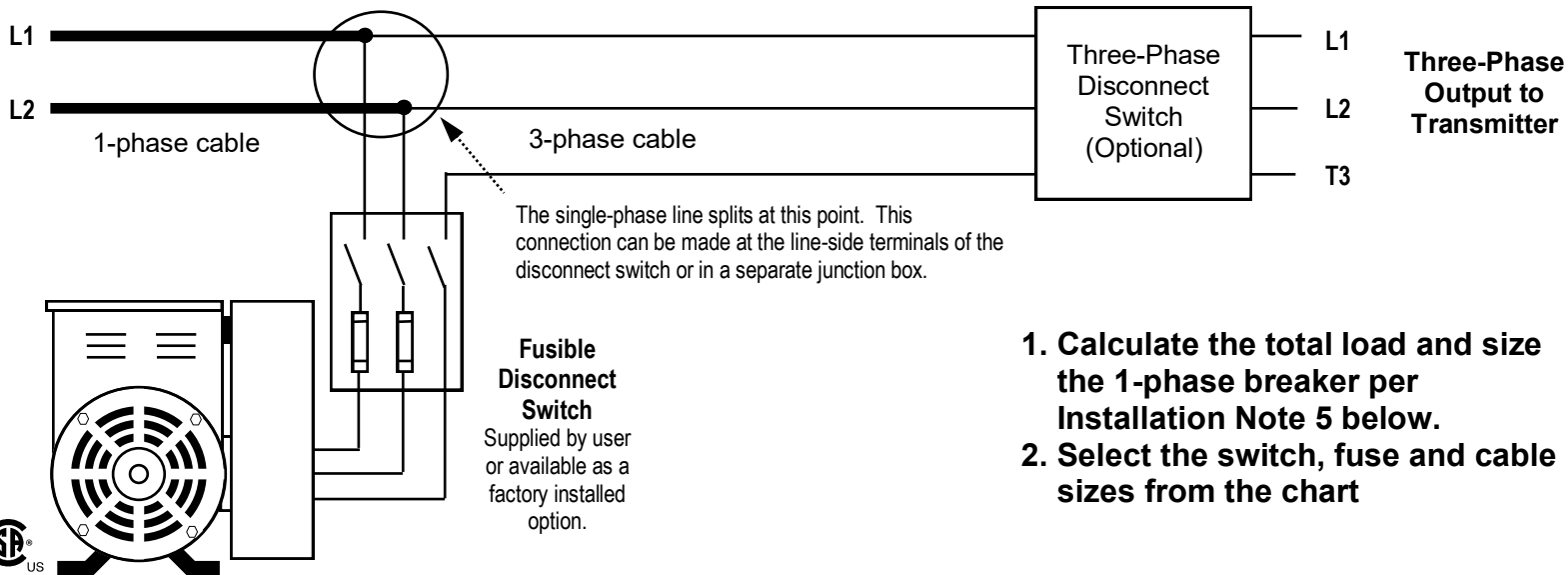


**Single-Phase Input from Main Utility Supply Panel**

208, 230 or 460 Volts

See Note 5 For Branch Circuit Sizing

**Phasemaster® Type T Rotary Phase converter**



1. Calculate the total load and size the 1-phase breaker per Installation Note 5 below.
2. Select the switch, fuse and cable sizes from the chart

DISCONNECT SWITCH AND WIRE SIZE SELECTION CHART								
Model No.	230 Volts				460 Volts			
	Switch	Fuse	1-Ph Cable	3-Ph Cable	Switch	Fuse	1-Ph Cable	3-Ph Cable
T-1300	30	30	8	10	30	15	10	12
T-2000	60	35	6	8	30	15	8	12
T-2500	60	40	4	8	30	20	8	10
T-4000	60	60	1	6	30	30	6	10
T-5000	100	80	1/0	4	60	40	4	8
T-7500	100	100	3/0	4	60	50	2	6
T-8000	200	125	4/0	2	60	60	1/0	6
T-10000	200	150	2-1/0	1/0	100	75	2/0	4
T-12000	200	175	2-2/0	2/0	100	80	2/0	4
T-14000	200	200	2-3/0	3/0	100	100	3/0	2

**Wiring Notes:**

- Conductor sizes are based on type THHN, 90° C, copper conductors in 30° C max. ambient.
- These are minimum recommended sizes for the load motor HP rating indicated.
- For larger loads refer to installation note 5 and increase conductor size accordingly.
- Increase wire size for Aluminum conductors or runs in excess of 50 feet.
- Consult National Electric Code for runs in excess of 50 feet or for aluminum conductors.
- Do not use circuit breakers. See Installation Note 2.

**INSTALLATION NOTES**

1. This diagram does not replace or supersede any requirements of local, state or national electric codes.
2. Use only dual element time delay fuses to protect the phase converter.
3. Do not bolt converter to floor. Use vibration pads supplied with unit.
4. Do not connect control circuits to manufactured phase, T3.
5. National Electric Code (NEC) requires single-phase cable and branch circuit to be rated for 250% of three-phase load current.
6. The 3-pole converter switch is used to provide electrical isolation when the converter is off. But it is only necessary to fuse converter input lines L1 & L2. T3 is not fused. A 2-pole fusible switch may be substituted if the optional 3-pole load disconnect is used.
7. No-load output voltage L2-T3 will exceed L1-L2 by 12-15%. Voltages will balance when load is connected.

**Connection Diagram for Phasemaster Type T Rotary Phase Converter with Field Mounted Manual Controls**

**0302-T**