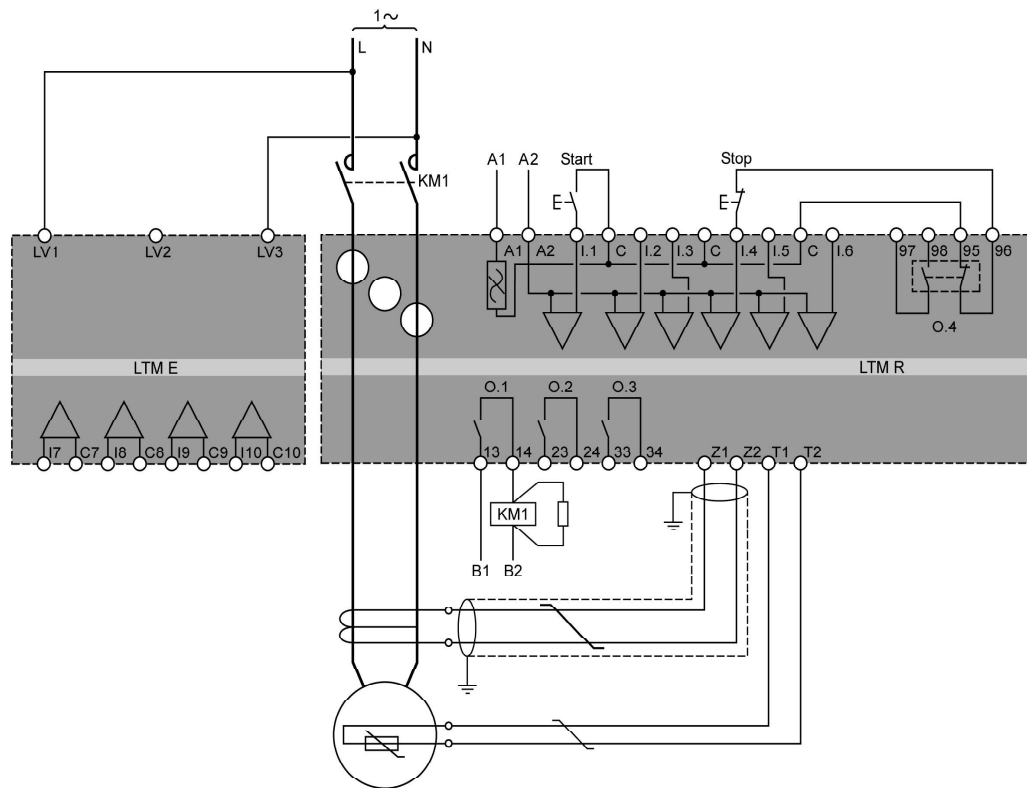


Wiring Diagram Example: LTMR Controls a Single-phase Motor

The following diagram shows the wiring of the LTMR controller and its LTME expansion module used to control a single-phase motor in three-wire (impulse) independent mode:



A1, A2 LTMR controller power supply

B1, B2 Power supply dedicated to logic outputs

LTMR Controller Plug-in Terminals and Pin Assignments

The LTMR controller has the following plug-in terminals and pin assignments:

Terminal Block	Pin	Description
Control voltage, logic input, and common source terminals	A1	Supply voltage input (+ / ~)
	A2	The negative of a power supply for DC models, or the grounded secondary of a control power transformer for AC models (– / ~)
	I.1	Logic input 1
	I.2	Logic input 2
	I.3	Logic input 3
	I.4	Logic input 4
	I.5	Logic input 5
	I.6	Logic input 6
O.4 Logic output terminals	C	Input common
	97–98	NO contact
	95–96	NC contact
O.1 to O.3 Logic output terminals	Note: The 97–98 contacts and the 95–96 contacts are on the same relay, so the open/closed status of one pair of contacts is always the opposite of the status of the other pair.	
	13–14	NO contact – logic output 1
	23–24	NO contact – logic output 2
	33–34	NO contact – logic output 3