

MOTST001: Identify the device numbered 6 in the drawing above?

MOTST001 (1 Point) Answer: _____

MOTST002: Name the three protective devices that are part of the circuit above?

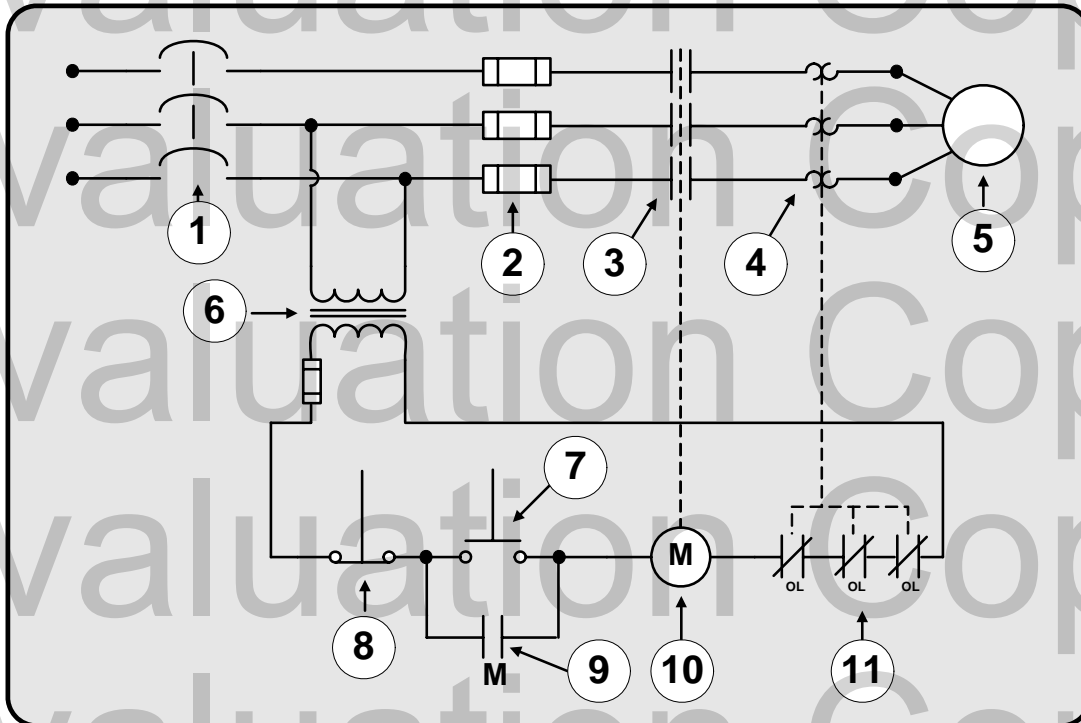
MOTST002 (2 Points) Answer: _____

MOTST003: What is the purpose or function of the device numbered 9 on the drawing?

MOTST003 (3 Points) Answer: _____

MOTST004: The motor controlled by the circuit above has stopped running and will not re-start. List, in detail, the steps you would take to troubleshoot this circuit.

MOTST004 (4 Points) Answer: _____



MOTST001: Identify the device numbered 6 in the drawing above?

MOTST001 (1 Point) Answer: Transformer or Control Transformer

MOTST002: Name the three protective devices that are part of the circuit above?

MOTST002 (2 Points) Answer: Circuit Breaker (1), Fuses (2), Overloads (4)

MOTST003: What is the purpose or function of the device numbered 9 on the drawing?

MOTST003 (3 Points) Answer: Seal-In contact or Holding Contact or Latch Contact. This contact allows the motor to continue to run after the start button(7) is released.

MOTST004: The motor controlled by the circuit above has stopped running and will not re-start. List, in detail, the steps you would take to troubleshoot this circuit.

MOTST004 (4 Points) Answer: There are more than 4 individual items in this answer. Award one point for each of the following items listed up to 4 points total: Check to see if circuit breaker tripped, check fuses to see if one has blown, check motor overloads to see if they have tripped, check control power fuse to see if it has blown, check for open wiring, check for grounded wiring, check for shorted wiring, check motor for open windings, check motor for shorted windings, check motor for grounds, check motor for mechanical binding.