Installation Instructions

General Purpose Switching Relays

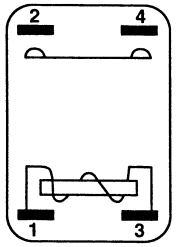
Replacement Procedure

1. CAUTION: Disconnect power supply before servicing equipment.
2. Identify and remove wires from defective relay.
3. Remove defective relay and install MARS replacement.
4. Refer to switch diagrams below and connect wires accordingly - the new terminal arrangement is simplified for easy field wiring.
5. Restore power and check operation.

MARS NO.	NORMALLY OPEN COIL VOLTAGE	CONTACT RATING 125/250 VAC INDUCTIVE	RESISTIVE	REPLACES ESSEX/RBM NO.
SPST				
90290	24	8 amps	16 amps	90-290, 90-290Q
90291	110-120	continuous	16 amps	90-291, 90-291Q
90292	208/240	25 amps inrush	16 amps	90-292, 90-292Q
SPDT				
90293	24	8 amps	16 amps	90-293, 90-293Q
90294	110-120	continuous	16 amps	90-294, 90-294Q
90295	208/240	25 amps inrush	16 amps	90-295, 90-295Q

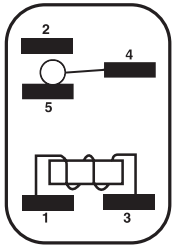
switch diagrams:

90290
90291
90292



SPST-NO

90293
90294
90295



SPDT

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