FILE IN THE

ESX

prestolite SERVICE MANUAL

SMALL MOTORS SECTION

(Issued 3-16-78)

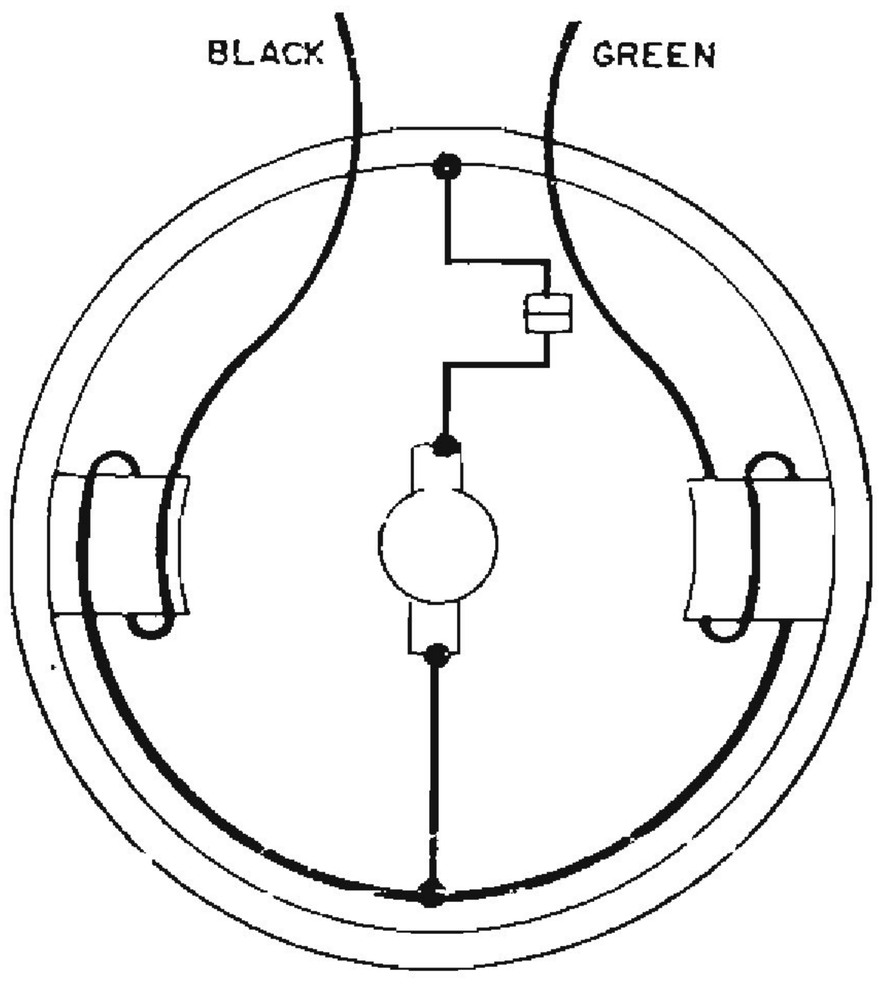
These type series motors are reversible, thermally protected and are designed for window lift use. They have two sets of field coils, one for each rotation.

VOLTS 12 ROTATION Reversible POLES 2 BRUSHES 2

BEARINGS	Absorbent bronze.
LUBRICATION	Bearings are lubricated at assembly and do not need periodic lubrication. At overhaul, lubricate bearings and felts with light engine oil. Drain off excess oil. Do not soak bearings in grease solvent as it will wash all lubrication from bearings and felts.
END PLAY	.010"-.031" on armature. Adjust by installing EWR-81, EWR-81A, EWR-81B thrust washers on armature shaft inside EWD-45 washers both ends.
LOAD TEST	8.5 volts, 29 maximum amperes, 8.75 oz. ft. 500 minimum to 1400 maximum RPM;
WIRING	For CWDE rotation, connect black wire to battery. For CCWDE rotation, connect green wire to battery.

UNIT

ESX-4001



VIEWED FROM COMMUTATOR END