

## e- S650 ELECTRIC MOTOR

### FUNCTION

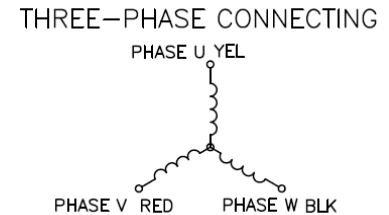
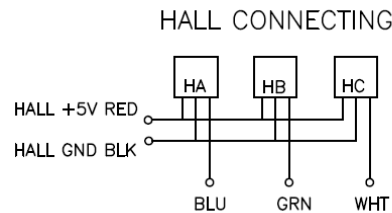
Electric motor to mobilize the mechanism for the automatic sliding of e-S650 sashes.

### TECHNICAL FEATURES

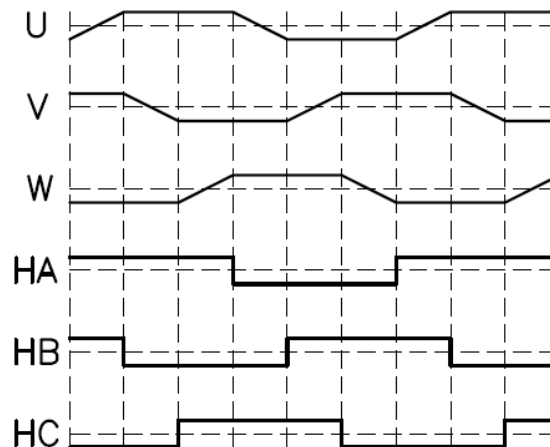
NUMBER OF POLES	10
LINE TO LINE RESISTANCE	0.48±10%ohms @20°C
LINE TO LINE INDUCTANCE	0.44±20%mH
NOMINAL VOLTAGE	24V
NOLOAD SPEED	4000±10%RPM
NOLOAD CURRENT	0.67A REF.@25°C
RATED TORQUE	0.36N.m
RATED SPEED	3000±10%RPM
PEAK TORQUE	1.44N.m
TORQUE CONSTANT	0.054N.m/A
BACK EMF	4.2±10%Vrms/Krpm
ROTOR INERTIA	207 g.cm <sup>2</sup>
WEIGHT	0.85Kg

PLANETARY GEAR DATA 42JXF100K	
REDUCTION RATIO:	26.83
NO. OF GEAR TRAINS:	2
RATED SPPED RPM:	111
RATED TORQUE N.M:	7.82

WIRE DIAGRAM							
UL1430 AWG20#				UL1430 AWG26#			
PIN1	PIN2	PIN3	PIN4	PIN5	PIN6	PIN7	PIN8
PHASE U	PHASE V	PHASE W	HALL +5V	HALL A	HALL B	HALL C	HALL GND
YEL	RED	BLK	RED	BLU	GRN	WHT	BLK



CCW: FROM DRIVE END



### CODES & DESC.

The motor is part of the relevant codes for Electric Motion Kit of e-S650 and is not available independently.