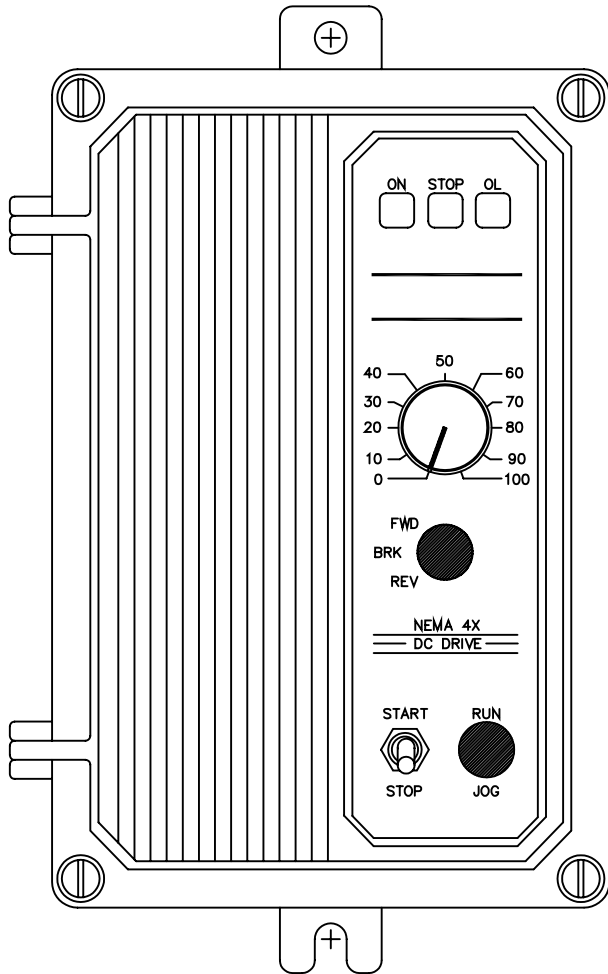


Vibra Screw Incorporated
SCR UNIT
MODEL #VS-154



PERFORMANCE SPECIFICATIONS:

AC LINE INPUT VOLTAGE(+/- 10%, 50/60Hz) 115 OR 230
AC LINE FREQUENCY (Hz), # OF PHASES 50/60, 1
ARM VOLTAGE RANGE AT 115VAC LINE (VDC) 0-90
ARM VOLTAGE RANGE AT 230VAC LINE (VDC) 0-180
FIELD VOLTAGE RANGE AT 115VAC LINE (VDC) 100/50
FIELD VOLTAGE RANGE AT 230VAC LINE (VDC) 200/100
HORSEPOWER RANGE AT 115 VAC HP, (KW) 1/50-1,(.015-.75)
HORSEPOWER RANGE AT 230 VAC HP, (KW) 1/25-2,(.03-1.5)
AMBIENT TEMPERATURE RANGE (DEG. C) 0-50
SPEED RANGE (RATIO) 50:1
ARM FEEDBACK LOAD REGULATION(% BASE SPEED) +/- 1
TACH FEEDBACK LOAD REGULATION(% BASE SPEED) +/- 1
LINE REGULATION (% BASE SPEED) +/- 0.5
CURRENT RANGES (ADC) 2.5,5.0,7.5,10
ACCEL AND DECEL RANGES (SEC) 0.1-15
MIN SPEED RANGE (% BASE SPEED) 0-30
MAX SPEED RANGE (% BASE SPEED) 60-140
IR COMP RANGE AT 115VAC LINE (VDC) 0-15
IR COMP RANGE AT 230VAC LINE (VDC) 0-30
CL RANGE (% RANGE SETTING) 0-200
TIMED CL RANGE (SEC) 0.5-15
VOLTAGE FOLLOWING LINEARITY (% BASE SPEED) +/- 0.5

OPTIONS:

FOLLOWER MODE CAPABILITY:
CURRENT (1-5,4-20,20-50Ma)
VOLTAGE (0-25,0-120, VDC)

APPROVALS:

UL & CUL LISTING, CE

WALL MOUNT ENCLOSURE

DIM.: 8.228" x 5.886" x 5"
MTG.: 8.875" CL TO CL.
V.S.I. P/N: VS-154

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