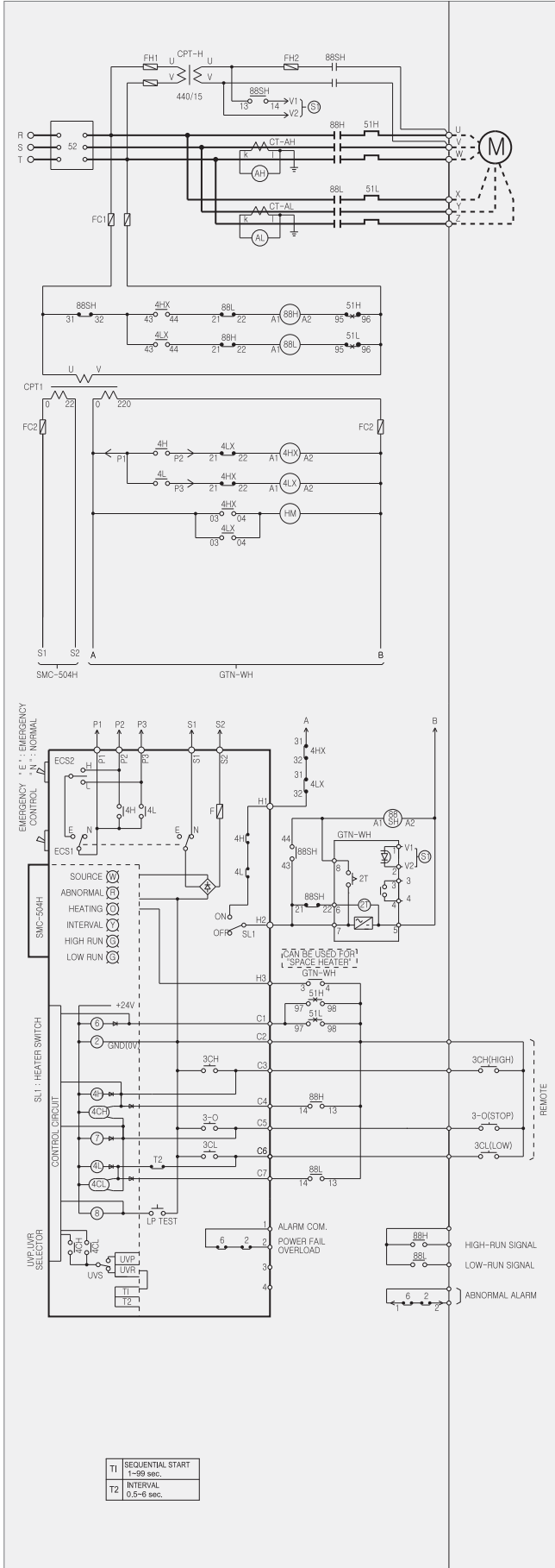
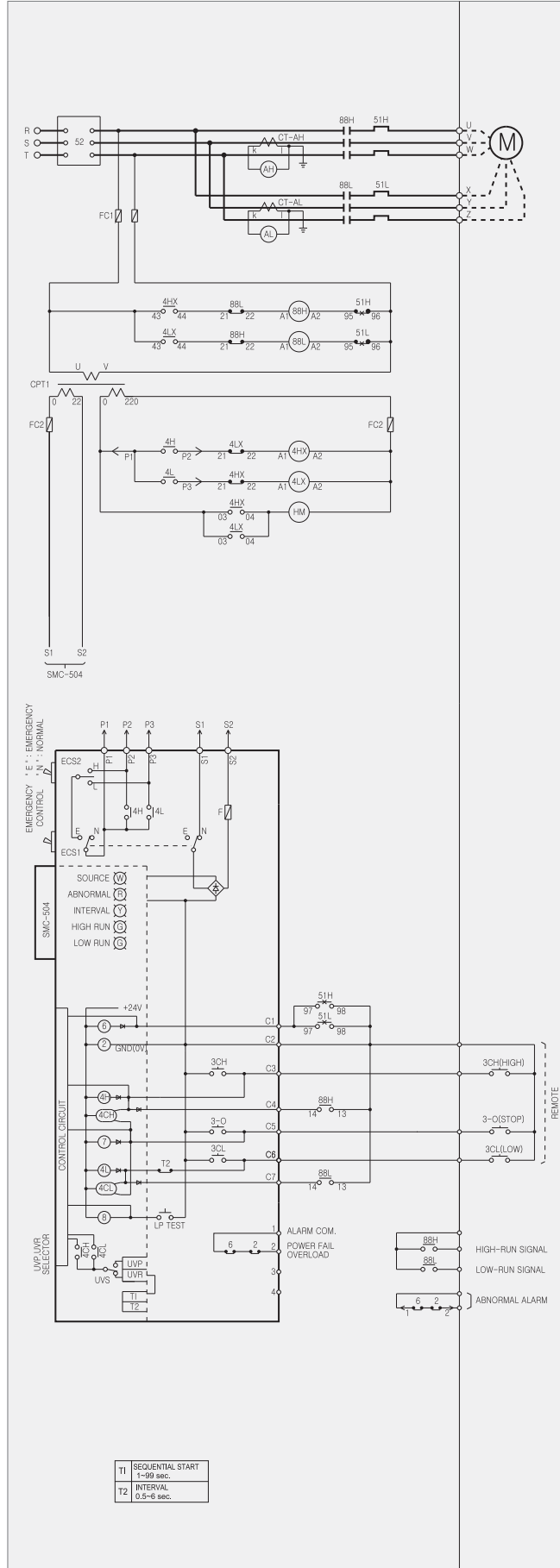


SMC-504H CONNECTION DIAGRAM



SMC-504 CONNECTION DIAGRAM



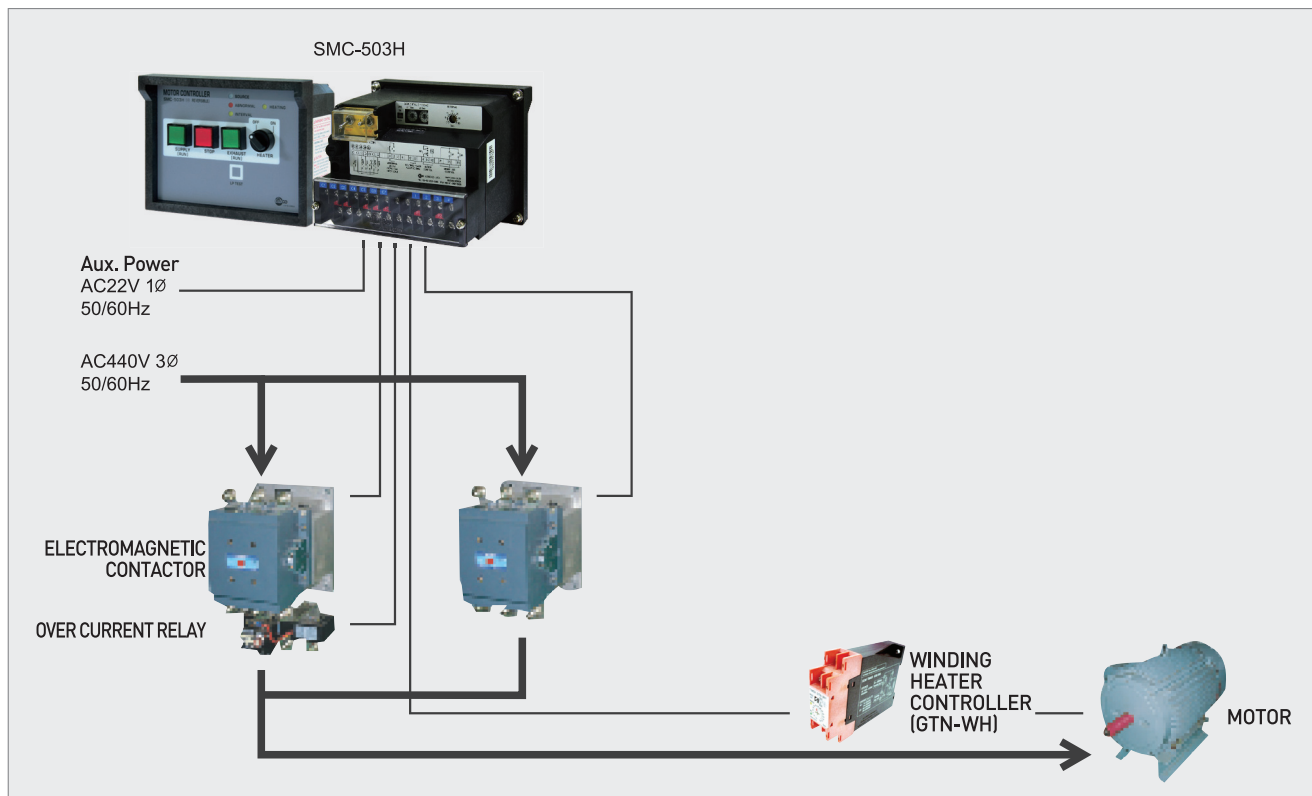
MOTOR CONTROLLER

GENERAL INFORMATION

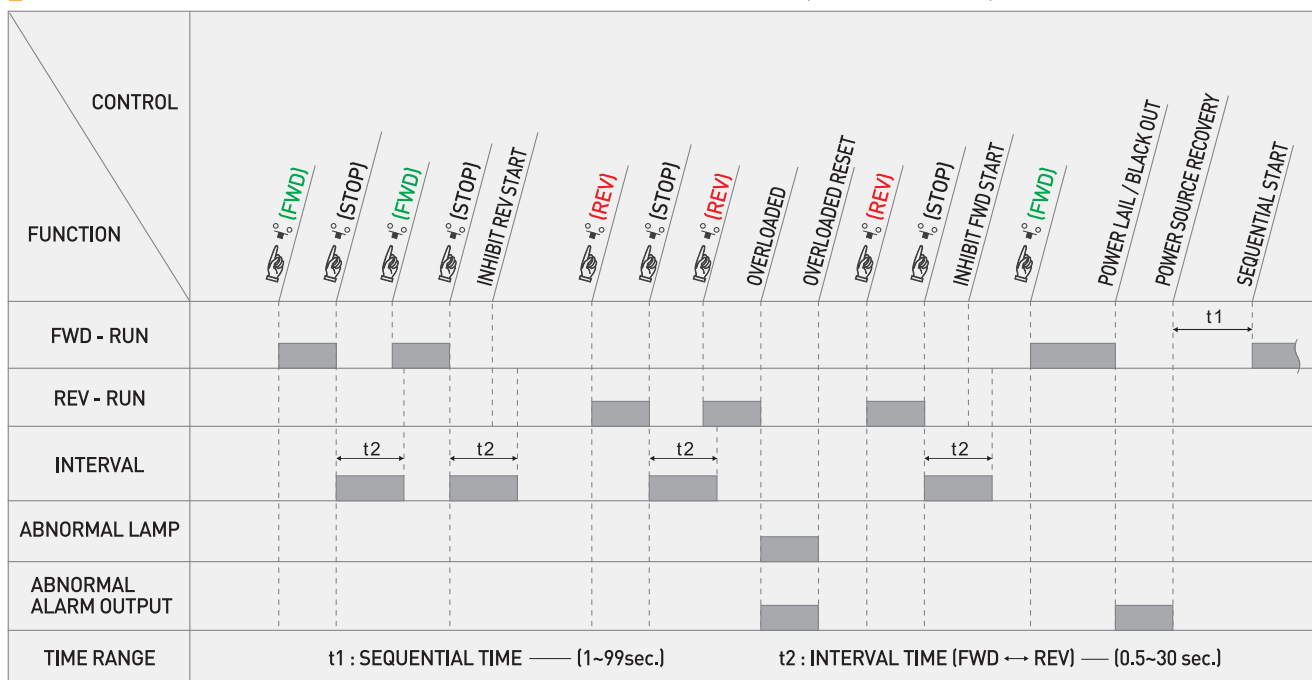
The SMC 503 series motor controllers, differently from the direct on-line start, are formed as 2 direction (forward /reverse) operation. As the major point, they have interval time (starting delay time) for prevention against inrush current while changing direction. And also, they have sequential start (UVR/ UVP), alarm signal out and remote control.

Note.) Refer to the technical manual to see the detail description of function.

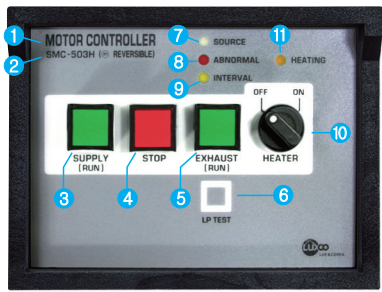
SYSTEM LAYOUT



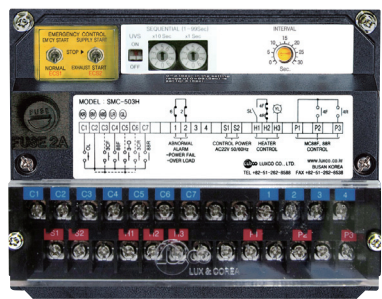
FUNCTION TIMING FLOW CHART FOR REVERSIBLE (FORWARD / REVERSE)



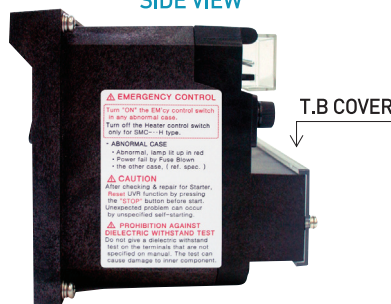
SMC-503H



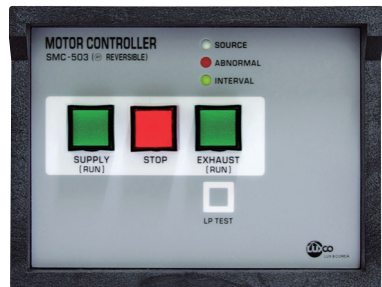
REAR VIEW



SIDE VIEW



SMC-503



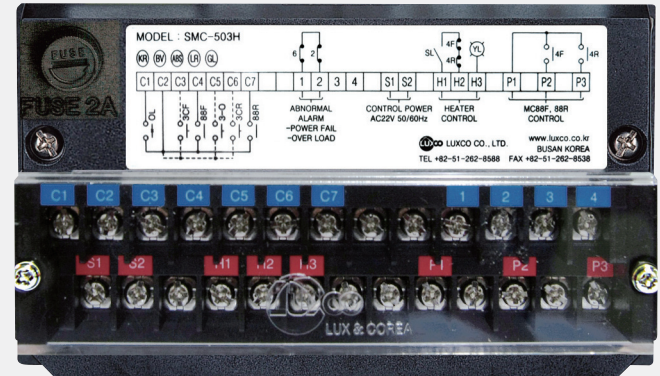
REAR VIEW



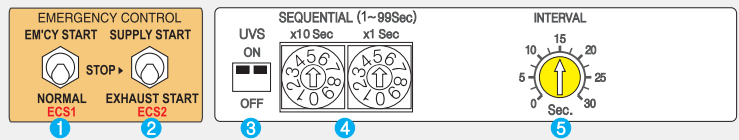
FRONT VIEW LAYOUT

- 1 NAME OF PRODUCT..... MOTOR CONTROLLER
- 2 MODEL NAME SMC-503 OR 503H
- 3 START BUTTON WITH LAMP 18 x 18 GREEN
- 4 STOP BUTTON 18 x 18 RED
- 5 START BUTTON WITH LAMP 18 x 18 GREEN
- 6 LAMP TEST BUTTON TACT SWITCH
- 7 SOURCE INDICATOR..... LIGHT UP IN WHITE
- 8 ABNORMAL INDICATOR LIGHT UP IN RED
- 9 INTERVAL INDICATOR LIGHT UP IN YELLOW
- 10 HEATER SWITCH Ø 18 SELECTOR SWITCH
- 11 HEATING INDICATOR LIGHT UP IN ORANGE

T.B LAYOUT (SMC-503H)



PRE. SET (SWITCH & TIMER) (SMC-503 & 503H)



- 1 ECS 1 SWITCH EM'CY START BY TOGGLE SWITCH
- 2 ECS 2 SWITCH SUPPLY / EXHAUST START BY TOGGLE SWITCH
- 3 UVS SWITCH SEQUENTIAL START BY DIP SWITCH
 UVR - UNDER VOLTAGE RELEASE : (SEQUENTIAL START ACTION)
 UVS SET "ON" POSITION
 UVP - UNDER VOLTAGE PROTECTION : (NO SEQUENTIAL START ACTION)
 UVS SET "OFF" POSITION
- 4 SEQUENTIAL TIMER 1~99 SEC. ADJUSTABLE BY DIGITAL SWITCH
 0~1 (SEC.) IN THE SETTING RANGE OF 0~99 (SEC.) IS SET FOR 1 (SEC.)
- 5 INTERVAL TIMER 0.5~30 SEC. ADJUSTABLE BY V/R

T.B LAYOUT (SMC-503)

