DWG. NO HQ – 91200 A

CUSTOMER SUPPLY
FIELD WIRING

CONTROLLER & ACTUATOR ASS'Y

TRANSFORMER

0V 12V 0V 24V

1 2 4 3 2 1

R
T

NFB

2
3

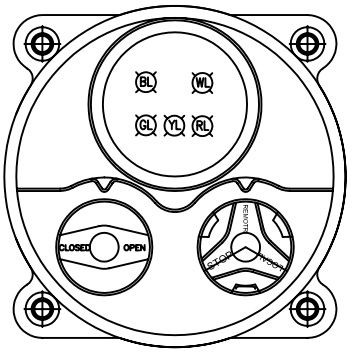
FUSE 1A

O
C

1
2
3

CONDENSER

1ø MOTOR
IM



SELECTOR SWITCH (SPRING RETURN TYPE)

(SELECTOR SWITCH)

** TERMINAL BLOCK **

⏚	1	12
R	2	13
T	3	14
	4	15
	5	16
	6	17
	7	18
	8	19
	9	20
	10	21
	11	22

USER REMOTE CONTROL

OPEN 7
CLOSE 8
STOP 6
COM. 9(+)

CONTROL POWER(DC24V,0.2A)

COMMON 10
LOCAL/REMOTE 11 K4
OPENING 12 K7
FAULT(OVER TORQUE) 13 K5
CLOSING 14 K8

FULL OPEN 15 16 17
FULL CLOSE 18 19 20

OLS
CLS
IN SWITCH UNIT

OTS
OLS
CTS
CLS
SPACE HEATER (10W)

TERMINAL UNIT

SWITCH UNIT

** NOTE **

AUTO : REMOTE mA CONTROL
OLS : OPEN LIMIT SWITCH
CLS : CLOSE LIMIT SWITCH
OTS : OPEN TORQUE LIMIT SWICH
CTS : CLOSE TORQUE LIMIT SWICH
O/C : OPEN/CLOSE POWER RELAY(DC 24V)
RL : RED LAMP FOR OPEN
GL : GREEN LAMP FOR CLOSE
YL : YELLOW LAMP FOR FAULT
RY1 : REMOTE MONITOR RELAY
RY3 : FAULT RELAY
RY2/RY4 : RUNNING RELAY
◎ : MARKS FOR TERMINAL
WL : WHITE LAMP FOR POWER
BL : BLUE LAMP FOR REMOTE

** LIMIT SWITCH CONTACT POSITIONS **

ROTOR	CON-TACT	VALVE OPENING (%) 0	100
OPEN (OLS)	1-2		
	1-3		
CLOSE (CLS)	1-2		
	1-3		

—— : CONTACT ON --- : CONTACT OFF

NO	PART NAME	MATERIAL	Q'TY	REMARK
1				

PROJ.	DRAW S.I. CHOI	DESIGN S.I. CHOI	
	CHECK		
	APPR.		

EIM CONTROLS

SYM	ECN NO	CHANGES	DATE	SIGN	APPR.
1					

SCALE 1/1
DIM. mm
ISSU. DEPT. HADR
DATE 2004.

PART NAME SCHEMATIC WIRING DIAGRAM
LCU – B1

DWG. NO HQ – 91200 A

DWG. SIZE A4
1 OF 1 SHEET