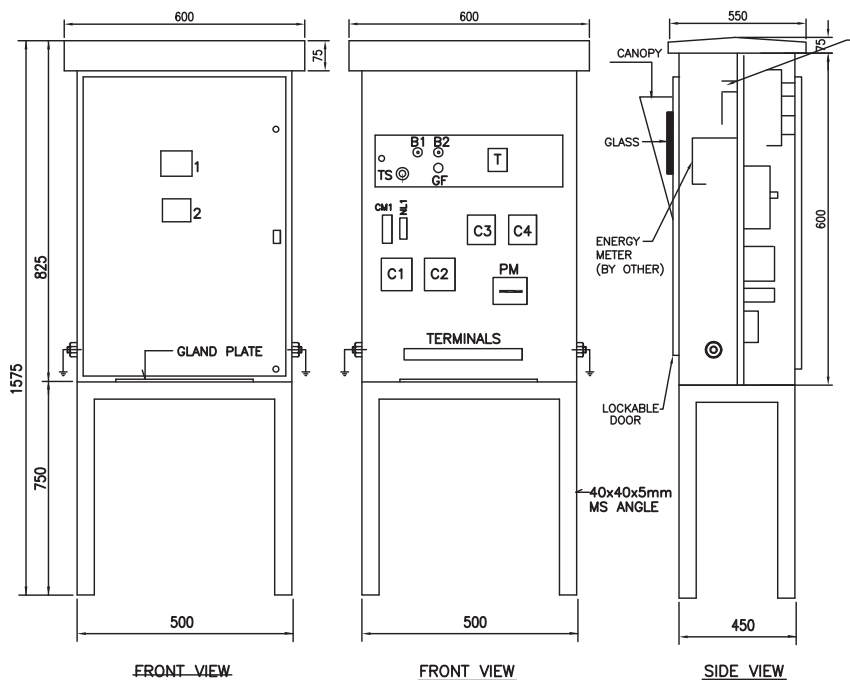




FRONT VIEW

FRONT VIEW
WITHOUT DOOR

SIDE VIEW

- NAME PLATE
[FEEDER PILLAR FOR HIGH MAST]
- DANGER BOARD

GENERAL NOTES

SYSTEM : 415V, 32 AMPS TPN, 50HZ SUPPLY

TYPE : OUTDOOR TYPE, STAND MOUNTING
DUST & VERMIN PROOF, IP-55

CONSTRUCTION : FABRICATED OUT OF 14 SWG CRCA
SHEET STEEL.

PAINT : PANEL WILL HAVE POWDER COAT FINISH TO
SHADE 631 OF IS 5 AFTER PRETREATMENT
AND STAND BLACK ENAMEL PAINT

CABLE ENTRY : BOTTOM [DETACHABLE GLAND PLATE]

CABLE SIZE : FOR POWER - 16.0 SQ.MM [BLACK/GREY]
FOR BRANCHES - 6 SQ.MM [BLACK/GREY]
FOR STARTER - 2.5 SQ.MM [BLACK/GREY]
FOR CONTROL - 1.5 SQ.MM [BLACK/GREY]

LABELS : ALUMINIUM ANODISED

STAND : 40 x 40 x 5 M.S ANGLE

LAMINATED CIRCUIT DIAGRAM SHALL BE PASTED
INSIDE THE DOOR.

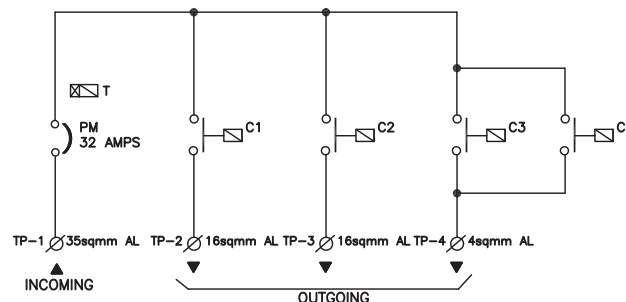
POWER CIRCUIT SHALL HAVE COLOUR SLEEVE & FERRULE
ON CU LUGS AND CONTROL CIRCUIT SHALL HAVE FERRULE
AND INSULATED CU LUGS

ARRANGEMENT OF COMPONENTS SHOWN ARE INDICATIVE.

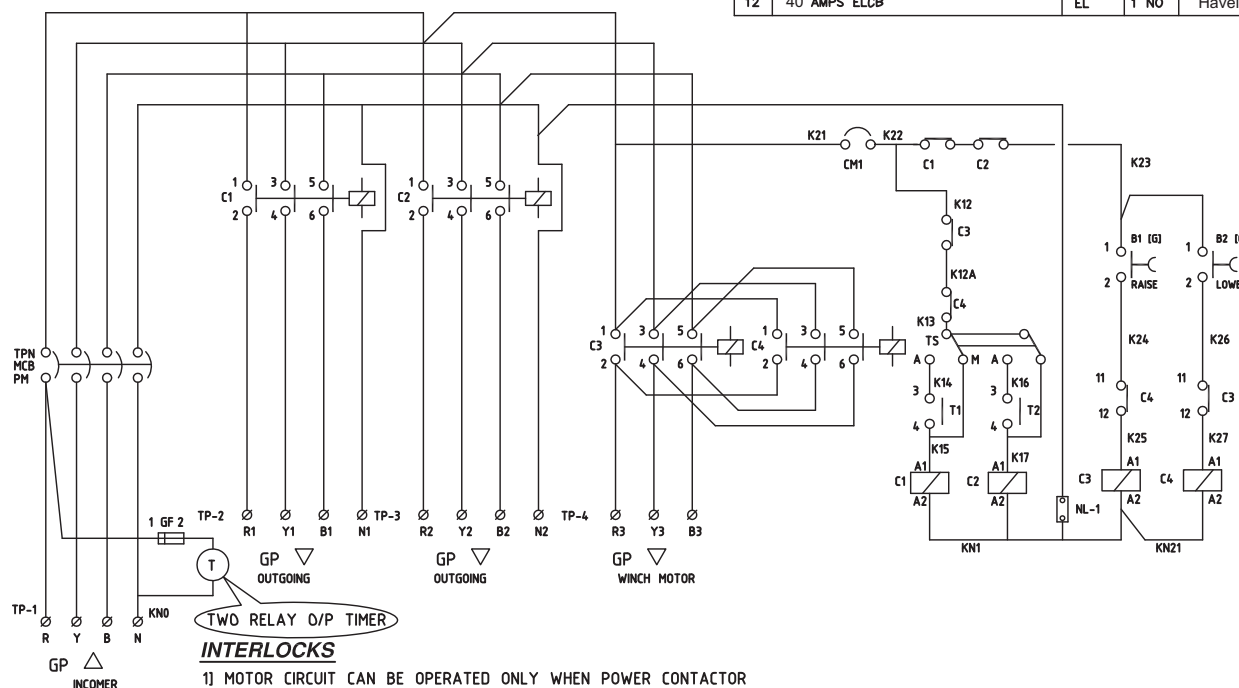
NAME PLATE DETAIL SHALL BE GIVEN IN THE P.O / INDENT
TOLERANCE ON DIMENSION IS +/-5 MM.

FEEDER PILLAR SHALL HAVE PAD-LOCKING ARRANGEMENT.
2 NO. EARTH TERMINALS BY 12MM DIA BOLT SHALL
BE PROVIDED.

Make : Asian Controls & Equipments.



SINGLE LINE DIAGRAM



INTERLOCKS

1) MOTOR CIRCUIT CAN BE OPERATED ONLY WHEN POWER CONTACTOR
IS OFF AND VICE VERSA.

GLAND PLATE KNOCK OUT QUANTITY

A) 3.5C x 50 SQ.MM AYFY 01 NO.

B) 3.5C x 35 SQ.MM AYFY 01 NO.

C) 4C x 16 SQ.MM AYFY 01 NO.

D) 4C x 10 SQ.MM AYFY 01 NO.

E) 3C x 4 SQ.MM YWY 01 NO.

BILL OF MATERIALS				
S.No.	DESCRIPTION	SYMBOLS	QTY.	MAKE
1	32 AMPS TPN MCB	PM	1 NO	Havell / L&T
2	32 AMPS CONTACTOR	C1,C2	2 NOS	Havell / L&T
3	9A CONTACTOR MN9 OR EQUIVALENT	C3,C4	2 NOS	Havell / L&T
4	TWO RELAY TIMER	T	1 NO	Asian
5	CONTROL MCB 6A	CM1	1 NO	Havell
7	GLASS FUSE	GF	1 NO	
8	TOGGLE SWITCH	TS	1 NO	
9	PUSH BUTTON	B1,B2	2 NOS	
10	NEUTRAL LINK	NL1	1 NO	
11	TERMINALS	TER		
	INCOMING 35sqmm	TP-1	4 NOS	
	OUTGOING 16sqmm (CLOSE)	TP-2,TP-3	8 NOS	
	OUTGOING 4sqmm (CLOSE)	TP-4	4 NOS	
12	40 AMPS ELCB	EL	1 NO	Havell

CLIENT		NAGPUR MUNICIPAL CORPORATION		
PROJECT		HIGH MAST LIGHTING SYSTEM		
ELECTRICAL		Asian Controls & Equipments.		
DATE	11.12.08	TITLE	GENERAL ARRANGEMENT DWG. OF FEEDER PILLAR	
03		DRWN BY	PP	JOB NO.
02		DSGD BY	DAS	DRG. NO.
01		CHKD BY	CSM	SHT 1 OF 1
REV	DATE	REVISION	APPRD	APPRD BY
				REV. NO. 00