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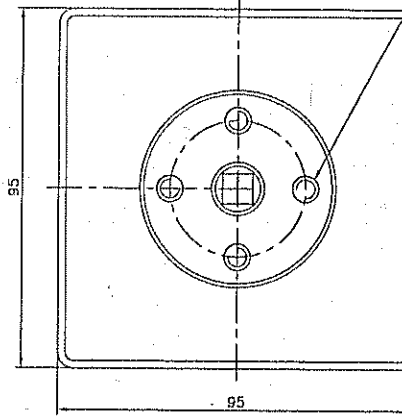
KN08

COLOUR : BLACK (B)

4- HOLES  $\varnothing 7$   
AT 36 P.C.D.

HOLE Ø12

4-HOLES 1/4" B.S.W.  
TAPPED AT 36 P.C.D.



## PANEL DRILLING

NOTES:-

1. THESE SWITCHES ARE HAND OPERATED & DESIGNED FOR ON LOAD SWITCHING AND WOULD BE USED TO CUT-OUT THE TRACTION MOTORS FROM CIRCUIT IN CASE OF FAULT.
2. 6 POLE ROTARY SWITCH SUITABLE FOR 125V, 16 Amp. DC. MOUNTING TO BE FLUSH AT THE BACK OF PANEL. THE SWITCHING SEQUENCE SHALL BE AS FOLLOWS.

IT.001:

POSITION 1- ALL IN (12 'O' CLOCK)

POSITION 2- MOTOR 1 OUT (3 'O' CLOCK)

POSITION 3- MOTOR 1 & 3 OUT (6 'O' CLOCK)

POSITION 4- MOTOR 3 OUT (9 'O' CLOCK)

IL002;

POSITION 1- ALL IN (12 'O' CLOCK)

POSITION 2- MOTOR 2 OUT (3 'O' CLOCK)

POSITION 3-- MOTOR 2 & 4 OUT (6 'O' CLOCK)

POSITION 4- MOTOR 4 OUT (9 'O' CLOCK)

3. THE SWITCH SHALL BE OF HEAVY DUTY SUITABLE FOR TRACTION DUTY VIBRATIONS & AMBIENT OF 55 DEG. C. WITH RELATIVE HUMIDITY OF 95%. THE SWITCH SHALL BE PROVIDED WITH A KNOB TYPE OPERATING HANDLE.
4. INDICATING PLATE OF SIZE 95x95 mm. WITH FOLLOWING MARKING SHALL ALSO BE SUPPLIED ALONGWITH SWITCHES.

5. ROTARY SWITCHES SHALL COMPLY TO :  
BSEN 60947-3/1992  
IS 13947 (PART I AND PART III) 1993
6. SWITCHES SHOULD WITHSTAND HIGH VOLTAGE TEST OF 2.5kv FOR ONE MINUTE.
7. THIS SWITCH SHOULD BE KAYCEE TYPE RP169YR13/LM OR EQUIVALENT AS PER THIS DRG./SPEC.
8. THESE SWITCHES SHOULD HAVE APPROVAL OF ICF/RDSO & SUITABLE FOR TRACTION DUTY  
AS PER IEC 60077.
9. SUPPLIER NOT HAVING ICF APPROVAL SHOULD NOT QUOTE.

CONTACT	12'0" CLOCK POSITION	3'0" CLOCK POSITION	6'0" CLOCK POSITION	9'0" CLOCK POSITION
1 & A	○			
2 & B	○			
3 & C		○	○	○
4 & D	○			○
5 & E	○	○		
6 & F	○			

ALL  
IN

MOTOR 3 OUT

MOTOR 1 OUT

MOTOR 1 & 3 OUT

IT.001  
(SCALE-1:2)

ALL  
IN

MOTOR 4 OUT	MOTOR 2 OUT
MOTOR 2 & 4 OUT	

II.002  
(SCALE-1:2)

[illegible]

28 --- CARD TYPE-3		29 --- CARD TYPE-1		28 --- CARD TYPE-2	
ADDITIONAL INFORMATION		भारत का प्रज्ञा च मान्य/निर्देशक का नाम TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT HMP DEMU M/S ICF CHENNAI			
STATUS OF DRAWING		श्री. एच. ए. रत्न भारत हेवी इलेक्ट्रिकल्स लिमिटेड बhopal BHARAT HEAVY ELECTRICALS LTD. BHOPAL			
DISTRIBUTION OF PRINTS		प्रमाण/NAME KANSARA संस्था/ORG. OPS प्रमाण/DATE AG			
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REV.	DATE	ALTERED BY	CHECKED BY	APPROVED BY	REMARKS
01	10.02.10	APPROVED BKT	APPROVED BKT	APPROVED BKT	APPROVED BKT
ZONE		SEQUENCE TABLE FOR ITEMS 001 & 002 ADDED.			
0051		MOTOR CUTOUT SWITCH			
6		7			
0051		2 589 00 3 0125			
6		7			
0051		2 589 00 3 0125			