

**Government of India Ministry of Railways
Research Designs & standards Organisation
Manak Nagar, Lucknow 226011.**

No. EL/2.2.24/1/EC2

Dated : May, 1990

MODIFICATION SHEET NO. RDSO/WAM4/101
LOCO HEAD LIGHT VOLTAGE STABILIZER MODIFICATION

1. Object :

Sheds have reported failures of Loco Headlight stabilizer of M/s Light Equipments manufacturing Company provided on 25KV as locomotives.

Investigations have shown that failures are mainly due to no-load operation during day time as under this unstable oscillation condition at sub-harmonic frequencies are generated in the ferro resonant circuit.

2. Work to be carried out :

2.1 Connect 32 ohms, 50W resistor across 32V winding and mount it above the top cover of the stablizer.

2.2 Provide a 15A HRC fuse in 32V output as shown in the drawing No. SK. EL.- 3296

3. Applicable to class of locomotives :

Locomotives provided with M/s Light Equipment make head light stabilizers.

4. Material required :

- i) Vitreous enamelled wire wound resistor 32 ohms, 50W, as per IS - 3373 Part - II - one
- ii) 15A, 100V, HRC fuse as per IS : 2208 with holder - one

5. Modification Drawing :

RDSO SK. EL. 3295, 3296


6. Agency for modification :

Electric loco sheds.

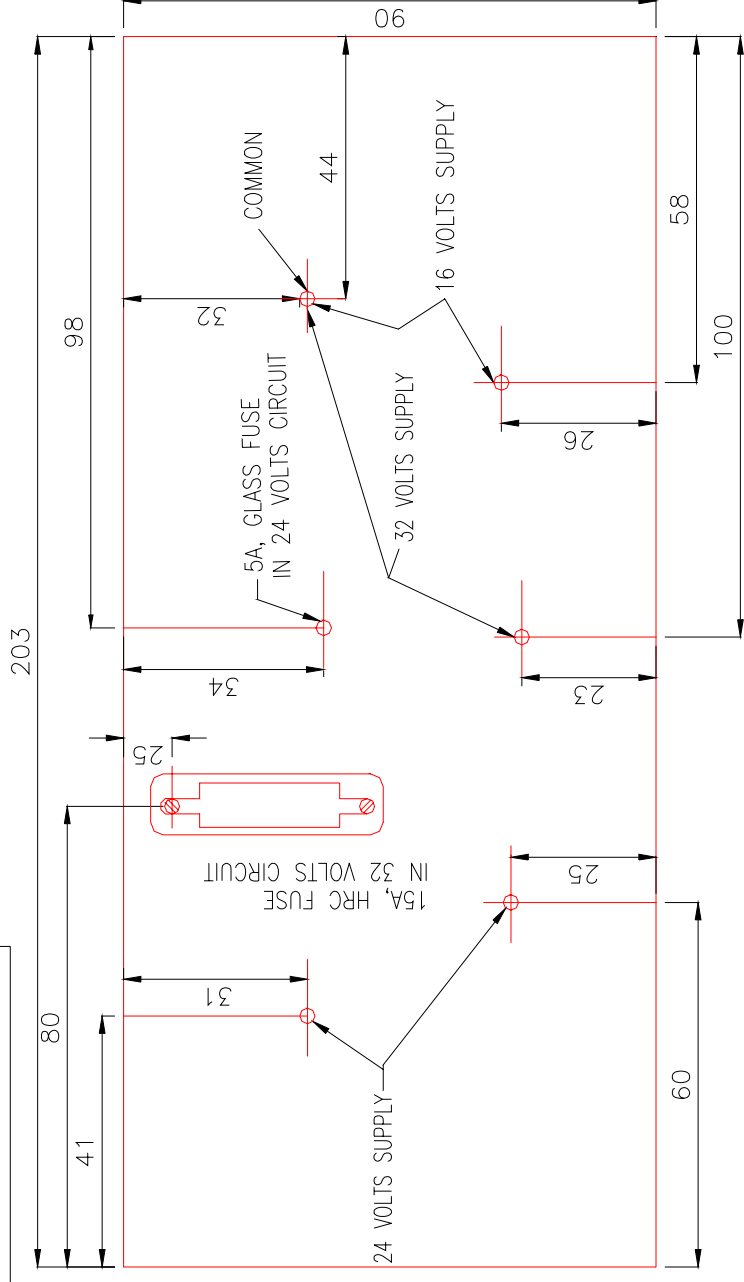
7. Distribution :

As per enclosed list

Encls. Mailing list


S. Kumar
for Director General (Electrical)

SKEL-3295



REF :- MOD.NO.RDSO/WAM₄/101 SCALE:- N.T.S. APPROVED:- FOR D.G.

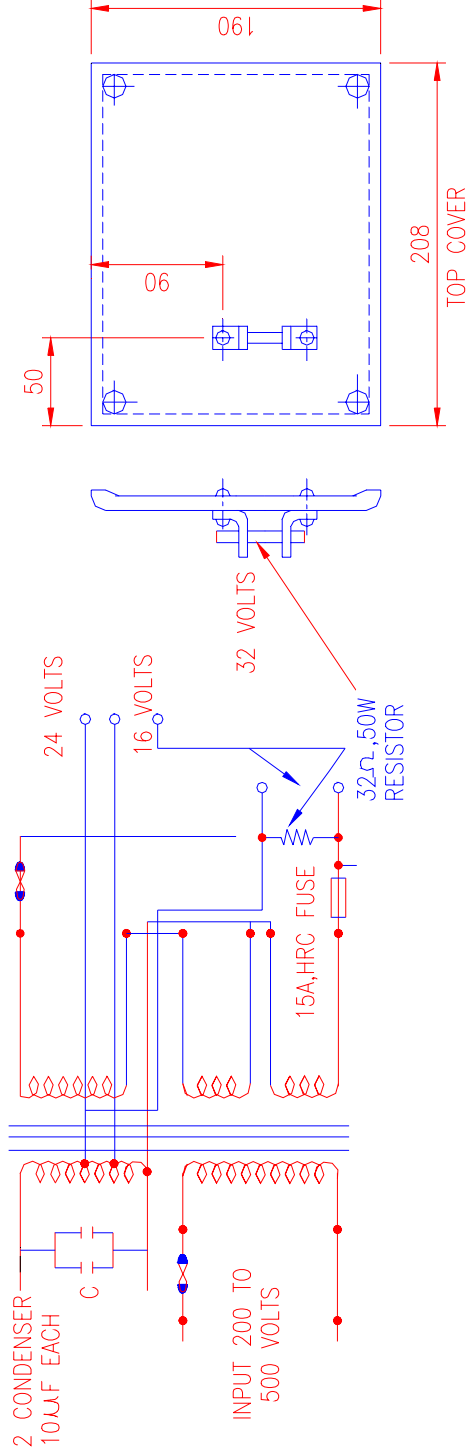
PROVISION OF HRC FUSE ON TERMINAL BOARD
(RTPR OF M/S LIGHT EQUIPMENT)

RDSO.ELEC. DTE.

SKEL-3295

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SK.EL. 3296



REF:	MODIFICATION NO. RDSO/WAM4/101	SCALE: NTS	APPROVED	FOR DG
PROVISION OF HRC FUSE & 32 OHMS RESISTOR (RTPR OF M/S LIGHT EQUIPMENT)				
R.D.S.O. ELEC. DTE.			SK.EL - 3296	

Dt. 13.05.8.			
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