

D. C. Track Circuit Equipment for Railway Signalling B TYPE CHOKE

Features:

- Application in DC Track Circuit
- Protective Device for DC track circuit on 25 KV AC 50 Hz electrified section of train operation (RE Section)
- Provide high impedance with DC superimposed on track.
- Air cooled
- Robust construction for handling in rail road condition.
- Approved by RDSO, Lucknow - Indian Railways



RDSO Specification No.
IRS:S:65/83

Specifications:

Resistance	3 Ω \pm 5% at 15°C
Impedance	>150 Ω with 50 mA AC (50 Hz)
	>120 Ω with 2.5 A DC superimposed on 50mA AC
Temperature Rise	< 55°C above ambient at 2.5ADC
Operating Temperature	-10°C to 50°C; RH<90% (Non-condensing)
Induced high voltage test	500 V AC at 200 Hz
Insulation Voltage	2 kV between Coil & Earth for one minute
Insulation Resistance	>100 M Ω .

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