

LED Signal Unit for Subsidiary Aspects With Built in Current Regulator Calling On, 'A' Marker, 'AG' Marker

Features:

- Light Emitting Diode (LED) technology offers the ultimate in reliability, resulting in lower operating and maintenance cost.
- Compatible with SSI and Relay Interlocking.
- Phantom Free Design, Multi array arrangement, Low Power Consumption, Fail Safe Design.
- Comply with the general and technical requirements of LED signal units for railway signaling application in RE, NON-RE installations
- Minimum visibility distance of 200 Meter (In clear daylight with peak sunrays at rated voltage).
- LED Signal Lighting Units is visible to a driver stopping at the foot of the signal.
- Lamp proving possible through Relay (ECR) or Electronic Means (EI)
- YELLOW and WHITE
- UV Stabilized lense to meet outdoor applications
- Current regulator is Built In
- Approved by RDSO Lucknow- Indian Railways



AG Marker

A Marker

Calling On

RDSO Specification No.
RDSO/SPN/153/2011

Technical Specifications:

Aspect Name	Calling ON	'A' Marker, 'AG' Marker
Color of the Unit-	YELLOW	WHITE
Power Supply	Built-in current regulator unit operated on 110 V	
Input Variation	± 20 % (88 to 132 V)	
Input current	150 mA (RMS) + 10% -20%	
Load Regulation	± 2% (From 88V to 132V)	
Display Area	125 mm ± 1 mm	
Operating Temperature	-10°C to +70°C (RH UPTO 95%)	
Illumination	45-70 Lux	Min 50 Lux (No stencil in front of LED)
Dispersion angle	4° to 10°	-
Color Co-Ordinates	Class 'B' of BS 1376/1974	Class 'C' of BS 1376/1974
No. of LEDs	Min 30	
Isolation level	1.5 KV AC (RMS) for 1 minute	
Insulation level	> 100 MΩ	
Guaranteed Off Voltage	Below 60 V AC	
LED Failure Detection	Before Light output lower than 50% of nominal.	
Weight	1.5 Kg	

Note: A/AG and other marker signals are not covered under RDSO specification

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