

CN 200N1

AUDIO TRANSFORMER ASSEMBLY FOR LF CONDUCTED IMMUNITY TESTING



FOR TESTS ACCORDING TO ...

- > AIRBUS
- > Chrysler CS-11809 (2009)
- > DaimlerChrysler DC-10615
- > DO 160 Section 16
- > DO 160 Section 18
- > Ford EMC-CS-2009.1
- > GLloyd VI-7-2
- > ISO 11452-10
- > EMC-CS-2010JLR V1.1 (2011-01)
- > MIL STD 461 D CS 101
- > MIL STD 461 D CS 109
- > MIL STD 461 E CS 101
- > MIL STD 461 E CS 109
- > MIL STD 461 F CS 101
- > MIL STD 461 F CS 109
- > MIL-STD-704
- > Mitsubishi ES-X82115
- > SAE J1113-2
- > Tata TST/TS/WI/257


CN 200N1 - SINGLE-BOX TRANSFORMER ASSEMBLY FOR LF CONDUCTED IMMUNITY TESTING

The CN 200N1 is a standalone coupling network unifying two audio transformers being individually configurable for various test requirements (e.g. Ford EMC-CS-2009.1, German Lloyd GL VI-7-2 and SAE J1113-2). The CN 200N1 is used to apply the test signals to the lines under test via an audio transformer to perform ripple voltage tests and continuous or transient conducted immunity tests.

HIGHLIGHTS

- > **One-box transformer and 0.5ohm load assembly**
- > **Frequency response 10Hz to 250kHz**
- > **Secondary saturation 50A per transformer**
- > **Audio power 2 x 200W**
- > **Freely configurable on primary/secondary; serial, parallel, single**
- > **Turns ratio 2:1 step down**
- > **Built-in non-inductive load resistor 0.5ohm, 250W**

APPLICATION AREAS

-  AUTOMOTIVE
-  MILITARY
-  AVIONICS

TECHNICAL DETAILS

CHARACTERISTICS AUDIO ISOLATION TRANSFORMERS

Frequency response	10Hz - 250kHz
Audio power	200W
Secondary saturation	Max. 50A AC or DC
Turns ratio	2:1 step down

TRANSFORMER CONFIGURATION

Primary configuration	Single, series or parallel connection
Secondary configuration	Single or parallel (with 0.5ohm, 250W load)

CONNECTORS

Primary connectors	4mm safety lab connectors
Secondary connectors	High current safety connectors

GENERAL DATA

Dimensions	19", 3HU (395mm x 449mm x 133mm)
Weight	Approx. 20kg
Cooling	passive cooling
Temperature	10°C - 40°C
Rel. humidity	Max. 85%, non-condensing

COMPETENCE WHEREVER YOU ARE



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Information about scope of delivery, visual design and technical data correspond with the state of development at time of release. Technical data subject to change without further notice.