LT32C ARTIFICIAL MAINS NETWORK

DESCRIPTION

The LISN model AFJ LT32C three phase (32A permanent operating current) is ideal for measurements at EUT which are operated at 230/450V mains supplies.

It has been developed for measurement of line-bound interference's according to CISPR-16-1. The construction uses air coils in the current path in order to avoid saturation effects with high current strengths.

The continuous high current load-bearing capacity is ensured by the use of large wire cross-sections for the coils. For a short period (10 minutes) twice as high currents are admissible.

- Line Impedance Stabilization V-network for interference measurements;
- Designed and manufactured in compliance with CISPR 16-1;
- For Measurements according to EN, CISPR, FCC, ETS, VCCI and VDE standards;
- Manual and remote control;
- 9kHz to 30MHz frequency range. Matches the full frequency range for conducted emissions;
- Up to 32A capacity. Continuous rating;
- DC Measurements. Can be used on supplies from DC to 63Hz;
- For Switching Operations and EUT absorption current measurements, as per CISPR 14-1 requirements.

AFJ LT32C has been optioned with internal current meter to read and measure Switching Operations and
EUT absorption current,
when used in conjunction of AFJ CL55C Click Analyzer, as per CISPR 14-1 requirements.

TECHNICAL SPECIFICATIONS	
Frequency Range	9kHz-30MHz
Network Impedance Characteristics	(50µH+5 Ohm)//50 Ohm
Number of Phases	3+N
Rated Current	2x32A permanent
Max. Operating Current	2x64A short time (10 minutes)
Max. Operating AC Voltage	450V
DC Measurements	from DC to 63Hz
EUT	Schuko socket 16A Cekon socket 32A
Connector	BNC Connector 50 Ohm
Artificial Hand	220pF + 510 Ohm
Artificial PE	50µH//50 Ohm
Phase selection	manual control automatic remote control
Operating Temperature	0÷45°C
Calibration	standard
Storage Temperature	-20÷70°C
Dimension (W x L x H)	450x266x436mm
Weight	28Kg

 Technical data are subject to change

AFJ INTERNATIONAL - Via G. Watt, 12 - 20143 Milano (Italy)
Ph. +39 02 89159140 - Fax +39 02 89159226 - email: sales@afj.it - www.afjint.com