

NSL-10 Capacitors



Description

Because of their modular construction, NSL10 capacitors are particularly suitable in the production of automatic power factor correction systems. They are also used in power factor correction of motors and transformers. The NSL10 three-phase capacitor is made with three 416.30 single-phase capacitors. The three switch-on reactors are made of copper windings.

The external case, made with insulating material, (Class V2 according to UL 94 standard flammability classification) eliminates the need to provide a protective earthing connection. The easy assembly using "small feet" make the capacitor a universal one.

- 1 Capacitive elements provided with a sensitive "FLOPPY CAP" over pressure protection device – low loss metallized polypropylene film as dielectric, impregnated with polyurethane resins.
 - 2 Dissipation of the internally – generated heat. The triple round – vertical structure improves the heat dissipation and for a better cooling of the internally-fit modules are used. A lower dielectric means an extended life expectancy of the capacitor.
 - 3 The Modular design permits a most simple mechanical assembly – No extra accessory metal-parts are required. Electrical connections are made by copper-links available on request.
- Total Modularity
 - New Assembling System
 - Dry Type Low Losses Non Polluting
 - Double Protection Safety Device

Technical Specifications

#	Parameters
Standard Voltage (Un)	415/440/480/525/690V
Other Voltage on request (Un)	415V – 550V
Rated Frequency	50 Hz
Capacitance Tolerance	-5 + 10%
A.C. test voltage bet. terminals	2, 15 Un per 10"
A.C. test volt. bet. terminals & case	3 kV per 10"
Installation	Internal
Ambient air temperature category	-40 + 550C
Altitude	< 2000 m
Service	Continuous
Protection degree	IP 40
Discharge resistor	Internal (50V after 1 min)
Maximum permissible current	1.3 In Maximum
Terminals	3 x M 8
Dielectric losses	< 0.3 W/kvar
Reference standard	EN 60831-1/2



Neptune India Ltd.

Neptune House, A 11 – Sector 59
Noida – 201301, INDIA
Tel: 0120 420 5900, 429 7900
Email: enquiry@neptuneindia.com
www.neptuneindia.com