NSL-10 Heavy Duty Capacitors

Description

NEPTUNE-DUCATI NSL-10 HD range for use in the power factor correction of industrial & office electrical networks. It is a series of quality products which has been designed to cater to the most demanding users where operating conditions are particularly critical and where reliability is of prime importance. The NSL-10HD range also satisfies the demand for a product with durability and longer life.The capacitors used are characterized by the dielectric impregnated with a biodegradable synthetic oil. Impregnation with oil as well as the total lack of air between the capacitors plates ensures that the dielectric – and hence the capacitor too-lasts a long time. The dielectric consist of heavy films of polypropylene.

The capacitors are designed with a very low loss dielectric & high quality film is used. They combine these high-tech advantages with the safety and reliability of the traditional technology of impregnation used for Medium Voltage capacitors. The capacitive elements are housed in a cylindrical container made of aluminum.

All of the materials employed are non-toxic and biodegradable. Thanks to the above characteristics, the capacitor has an expected life which greatly exceeds 1,00,000 hours. It is characterized by the capability of bearing high harmonic components up to R.M.S. Currents level in excess of 1.6 In.

- Total Modularity
- New Assembling System
- Oil Impregnated
- Low Losses
- Operation life>1,00,000 hrs
- Double Protection Safety Device

Technical Specifications

#	**Parameters**
Standard Voltage (Un)	415/440/480/550V/690
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 30
Discharge resistor	Internal (50V after 1 min)
Maximum permissible current	1.6 In Maximum
Terminals	3 x M 8
Dielectric losses	< 0.3 W/kvar
Reference standard	EN 60831-1/2