

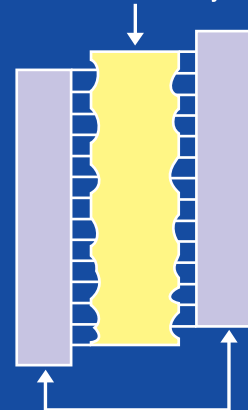
APP Capacitors



Description

Neptune APP Capacitors are manufactured using Double Hazy Double Thick Polypropylene films as dielectric between two electrodes of thick soft annealed, 99.35% purity of Aluminium foil and have extended foil construction. Power leads are soldered to the extended portion to make a strong and positive electrical contact which can withstand Heavy inrush and discharge current. Capacitors are impregnated with NPCB, bio-degradable impregnant and are hermetically sealed. Impregnating oil adds to dielectric strength and provides cooling effect.

Double Thick Double Hazy PP Film

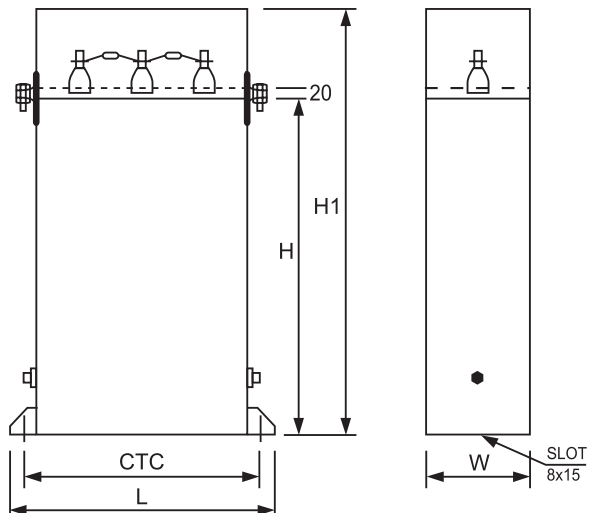


Aluminium Foils

Technical Specifications

#	Functional
Standard Voltage Range	415/440/480/525/600V AC
Other Voltage Range	Upto 1000V AC
Frequency	50 Hz / 60 Hz
Impregnant	NPCB
Insulation Level	3 KV
Dielectric Loss	< 0.2 watt/ KVA _r
Capacitor Loss	< 0.5 watt/ KVA _r
Connection	3 Ph., Delta
Life Expectancy	1,50,000 Hrs
Max. permissible Over Volt	115% of V _n
Max. permissible Over Cur	130% of I _n

Dimension :-



3 Phase, 50Hz, 440V

KVAR	L	W	H	H1	CTC	Terminal
5 kvar	170	70	270	350	140	M6
7.5 kvar	290	108	135	235	260	M8
10 kvar	290	108	160	260	260	M8
12.5 kvar	290	108	180	280	260	M8
15 kvar	290	108	220	320	260	M8
20 kvar	210	108	370	470	180	M8
25 kvar	240	108	370	470	210	M8
50 kvar	240	215	370	490	210	M10

For 480V and 525V, refer our Dimensional Drawing