


# PhaseCap Super Heavy Duty

- Semi-dry Biodegradable Resin
- Wavy Cut
- 3-Ph Over pressure disconnecter
- Low losses

Technical Data	PhaseCap Super Heavy Duty
	
Series Type	B25675L
Technology	MKK
Winding	Stacked
Power KVAr	1....33.1KVAr
Rated Voltage	415....690V
Frequency	50Hz
Transient peak current (Maximum permissible)	$\leq 500 I_R$ (A)
Temperature Category	-40°C to 60°C
Dielectric Losses	0.2 W / KVAr
Losses(Without discharge Resister)	$\leq 0.45$ W / KVAr
Tolerance	-5 / +5%
Maximum Permissible Voltage	$V_R + 10\%$ (up to 8 h daily)/ $V_R + 15\%$ (up to 30 min daily)** $V_R + 20\%$ (up to 5 min daily)/ $V_R + 30\%$ (up to 1 min daily)***
Maximum Permissible Current	Up to 1.6.... 2.0 $I_R$ ***
Safety	Self-healing, Three phase overpressure disconnecter
Impregnation	Non-PCB, semi-dry biodegradable resin
Life Expectancy	Up to 200,000 h for -40/D Up to 180,000 h for -40/60
Cooling	Natural or forced
Case/Shape	Extruded round aluminium can with stud
Terminal	Sigut terminals for metal top - 5 to 33.1 kvar Fast on terminals for plastic top - 1 to 5 kvar
Mounting and Grounding	Threaded stud at bottom of can (max. torque for M8=4Nm & M12=10Nm)
Enclosure	IP20, indoor mounting
Discharge Resister	Provided with discharge resistor
Connection	Delta
Dielectric	Polypropylene film (metallised)
No. of switching per annum	Max. 15 000 switching
Reference Standard	IEC60831-1/2 and IS13340
Application	Automatic PFC equipment, capacitor banks Individual fixed PFC (ex. motors, transformers, lighting) Group fixed PFC Detuned capacitor banks Filter applications Dynamic PFC

\*\*  $V_R$  rated voltage

\*\*\*  $I_R$  : RMS line current that occurs at rated sinusoidal voltage and rated frequency, excluding transients.

Note : for capacitors with different features/parameters than above, please check with our nearest sales office