


# PhaseCap Energy Heavy Duty

- Dry-Inert Gas
- Wavy Cut
- 3-Ph Over pressure disconnecter
- Low losses

Technical Data	PhaseCap Energy Heavy Duty
	
Series Type	B25674L
Technology	MKK
Winding	Stacked
Power KVA	5...33.1KVA
Rated Voltage	415...690V
Frequency	50Hz
Transient peak current (Maximum permissible)	$\leq 400 I_R$ (A)
Temperature Category	-40° C to + 55°C
Dielectric Losses	0.2 W / KVA
Losses(Without discharge Resister)	$\leq 0.45$ W / KVA
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... 1.8 $I_R$ ***
Safety	Self-healing, Three phase overpressure disconnecter
Impregnation	Non PCB, Dry, Inert Gas
Life Expectancy	Up to 150,000 h for -40/D
Cooling	Natural or forced
Case/Shape	Extruded round aluminium can with stud
Terminal	Optimized capacitor safety terminals
Mounting and Grounding	Threaded stud at bottom of can (max. torque for M12=10Nm)
Enclosure	IP20, indoor mounting
Discharge Resister	Provided with discharge resistor
Connection	Delta
Dielectric	Polypropylene film (metallised)
No. of switching per annum	Max. 12 500 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