


# Phicap Normal Duty

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

Technical Data		Phicap Normal Duty	
			
Series Type	B32343L /B32344L		
Technology	MKP		
Winding	Stacked		
Power KVAR	0.5....33.1KVAR		
Rated Voltage	220....525V		
Frequency	50Hz		
Transient peak current (Maximum permissible)	200 I <sub>R</sub> (A)		
Temperature Category	-25°C to 55°C		
Dielectric Losses	0.2 W / KVAR		
Losses(Without discharge Resister)	≤ 0.5 W / KVAR		
Tolerance	-5 / +10%		
Maximum Permissible Voltage	V <sub>R</sub> +10%(up to 8 h daily)/ V <sub>R</sub> +15% (up to 30 min daily)** V <sub>R</sub> +20%(up to 5 min daily)/ V <sub>R</sub> +30% (up to 1 min daily)***		
Maximum Permissible Current	1.3....1.5 I <sub>R</sub> ***		
Safety	Self-healing, Three phase overpressure disconnecter		
Impregnation	Non-PCB, semi-dry biodegradable resin		
Life Expectancy	Up to 100,000 h		
Cooling	Natural or forced		
Case/Shape	Extruded round aluminium can with stud		
Terminal	Fast on terminal for plastic cap - 1 to 5KVAR Screw terminal for metal top - 7.5KVAR & above		
Mounting and Grounding	Threaded stud at bottom of can (Max Torque 4Nm for M8 & 10 Nm for M12)		
Enclosure	IP20, indoor mounting		
Discharge Resister	Provided with discharge resistor		
Connection	Delta		
Dielectric	Polypropylene film (metallised)		
No. of switching per annum	Max. 5000 switching		
Reference Standard	IEC60831-1/2 and IS13340		
Application	Automatic PFC equipment, capacitor banks Individual fixed PFC (ex. motors, transformers, lighting) Group fixed PFC		

\*\* V<sub>R</sub> rated voltage

\*\*\* I<sub>R</sub> : RMS line current that occurs at rated sinusoidal voltage and rated frequency, excluding transients.

\*\*\*\* 1ph and 3 ph star on request

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