



DATASHEET

Power Factor Correction – Varpac

Power Factor Correction Capacitor

SYSTEM : 50KVAR 415 Volts 3 phase 50Hz

New generation “high integrity” dry film capacitor, environmentally safe, metallised polypropylene film, double internal protection for every element, terminal cover and discharge resistors. Each element has a separate fuse.

Designed, manufactured and tested to IEC70/70A, BS 1650 and the capacitor more than exceeds the safety requirements of the IEC specifications 831/1.

The capacitor is complete with an integral triple pole circuit breaker.

This unit comes complete with an indicating lamp to show the device is switched on.

SAVINGS ON CO₂ EMISSIONS

EXAMPLE : Based on typical operational hours of 300 per month (savings will obviously increase if your monthly usage is higher than average), your CO₂ savings will be as follows :

Amount of hours in use x months per year x kw losses x CO₂ for each kWh generated*
300 x 12 x 0.05962W* x 0.537kg* = 115.26kg/CO₂ per kvar per annum

Multiply this amount by the amount of KVAR on the unit supplied
50KVAR x 115.26

TOTAL CO₂ SAVINGS PER ANNUM = 5,763kg



Remote Alarm/ Alert Function	<p>The Varpac has the option to include a TX-SMS remote alarm/ alert function. This device, which is included within the unit itself, will send automatic alerts to your mobile phone (by SMS), instantaneously indicating and alerting the user of any faults or issues which have occurred. Up to 4 separate faults/warnings can be sent.</p> <p>Features include :</p> <ul style="list-style-type: none">- 4 inputs report user definable SMS messages (2 x standard DC and 2 x optically isolated)- Full Contact ID reporting to your mobile phone- 2 relay outputs – SPDT relays- 16 independent daily timers for relay operations- Missed call function for relay operation (500 numbers)- Programmable unit with PC software or by SMS- Low voltage AC monitoring- Power monitoring with warnings and restorals- Battery backed time and date- Dual SIM support- Vibration-tamper monitoring. <p>Alternatively, remote monitoring can be set up here at SDC Industries, whereby any fault or issue code alerts will appear directly on your specified Project Engineer's PC or mobile phone.</p>
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