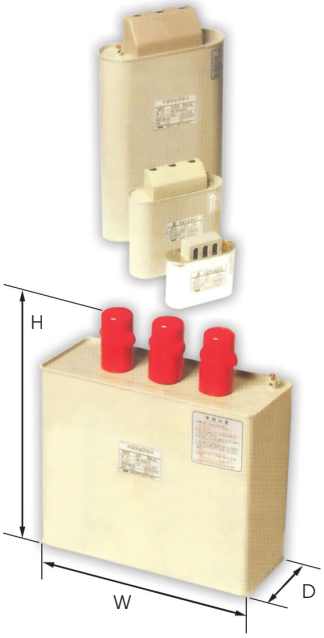
Power Factor Correction Capacitors



Specification:

Type ..... Metalised film solid dielectric with a very low loss factor
Installation ..... Indoors
Ambient Temperature ..... -20°C to +45°C. Below 35°C average per 24 hour period
Altitude ..... Not exceeding 2000 metres above sea level
Capacity Tolerance ..... -5°C to +15% of name plate rating
Maximum Voltage ..... 440VAC 50Hz continuous
484VAC for 8 hours per 24 hour period
570VAC for 1 minute
Maximum Line Current ..... 130% of rated current
Loss ..... Less than 0.5 watt per kVAr
Discharge ..... Resistors fitted internally
Residual voltage will be less than 75V 5 minutes after disconnection
Terminals ..... Shrouded. Capacitors can be reconnected as a single phase unit
Applicable Standard ..... IEC 60831
Safety ..... The solid dielectric is self-healing in the event of a small breakdown. If internal failure develops, a cutout device will disconnect the capacitor while relieving internal pressure.

PART NUMBER	kVAr RATING AT		DIMENSIONS (mm) ❶			TRADE PRICE
	440V AC	400V AC	HEIGHT	WIDTH	DEPTH	
CAP50	5	4.2	150	170	60	
CAP75	7.5	6.2	150	170	60	
CAP100	10	8.25	225	170	60	
CAP125	12.5	10.3	225	170	60	
CAP150	15	12.4	225	170	60	
CAP200	20	16.5	225	210	120	
CAP250	25	20.7	245	210	120	
CAP300	30	24.8	285	210	120	
CAP500	50	41	385	210	120	
CAP600	60	49.6	445	210	120	
CAP1000	100	82.5	395	343	153	

Notes:
❶ Dimensions do not include mounting feet
- Higher voltage capacitors available on request
- For capacitor switching contactors refer to page 32
- For solid state switching refer to EIC

Complimentary Product (Price on application)

Prophi Power Factor Controller

TYPE	400V 45~65 Hz	RELAY OUTPUTS	ALARM	INPUT FOR TARIFF C/O	PART NUMBER
Prophi 6R	✓	6	✓		**52.08.002**
Prophi 12R	✓	12	✓	✓	**52.08.003**

Dimensions: H144 x W144 x D50 mm