



Detuned Reactors for PF Capacitors

RECT - 03/xxx/*



For Harmonic current
Suppression
in PF Capacitors and
Avoid harmonic
Enhancement.

Copper wound,
F class insulation
reactors with
150% continuous
RMS current rating with 100%
current THD.

*For every
Type of
Harmonics
Suppression*

TAS PowerTek - Leading through Technology!

Ratings / Models:

For 220V/380V/415V/440V/480V

RECT - 03/001/*	-	1kVAr.
RECT - 03/002/*	-	2kVAr.
RECT - 03/003/*	-	3kVAr.
RECT - 03/005/*	-	5kVAr.
RECT - 03/007/*	-	7.5kVAr.
RECT - 03/010/*	-	10kVAr.
RECT - 03/015/*	-	15kVAr.
RECT - 03/020/*	-	20kVAr.
RECT - 03/025/*	-	25kVAr.
RECT - 03/030/*	-	30kVAr.
RECT - 03/050/*	-	50kVAr.
RECT - 03/060/*	-	60kVAr.
RECT - 03/075/*	-	75kVAr.
RECT - 03/100/*	-	100kVAr.
RECT - 03/120/*	-	120kVAr.
RECT - 03/150/*	-	150kVAr.

* Ratings available for

1% voltage drop

5.6 % voltage drop

7% voltage drop

14% voltage drop.

at rated capacitor current.

- For transient suppression.

- Partially tuned reactor. (Rating 210% Current)

- For moderate harmonics.

- For high level harmonics.

Specifications:

- Line Voltage for series combination of Reactor & capacitors:
220V, 380 V, 415V, 440V, 480 Volts AC.
50Hz / 60Hz, 3ph supply line-line value.
- Current : Continuous RMS value: 150% of the rated current.
- Winding: Electrolytic grade copper winding.
- Linearity: Within 10% upto the rated current value.
- Operating ambient temperature -10 to +50o C.
- Storage temperature -10 to +75o C.
- Supply frequency: 47Hz to 53Hz OR 57 to 63Hz.
- Protections:
Over temperature in windings
Through series NC contacts in all three windings.



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