

THREE PHASE HARMONIC FILTER REACTORS

FEATURES

Harmonic Reactors reduces harmonic current and losses through the capacitor banks thus improves its operating life span. They are connected in series with the power factor correction capacitors. Filter reactors and capacitors are tuned to frequency close to harmonic frequency. Most common resonance frequency is 189 Hz and the impedance factor of 7%.

Example : Three phase Harmonics Filter 50kVAR, 440V, 189Hz

TPH-050-134-2

TECHNICAL DATA

TPH- POWER - RESONANCE FREQUENCY
- LINE VOLTAGE
TPH- XXX - XXX - X

REACTIVE POWER CODE		RESONANCE FREQUENCY		LINE VOLTAGE	
CODE	VALUE	CODE	VALUE	CODE	VALUE
001	1kVAR	134	134Hz	S	208V
002	2kVAR	189	189Hz	T	220V
003	3kVAR	210	210Hz	U	230V
004	4kVAR			V	240V
005	5kVAR			W	250V
006	6kVAR			X	277V
007	7kVAR			Y	380V
008	8kVAR			Z	400V
010	10kVAR			1	415V
012	12.5kVAR			2	440V
015	15kVAR			3	480V
020	20kVAR			4	600V
025	25kVAR			5	720V
030	30kVAR				
040	40kVAR				
050	50kVAR				
100	100kVAR				

Design: EN 60289,

Frequency: 61558 - 2 - 20
50 HZ

Ambient Temperature: t 40 C/B

