

FB3T

Third harmonic blocking filter



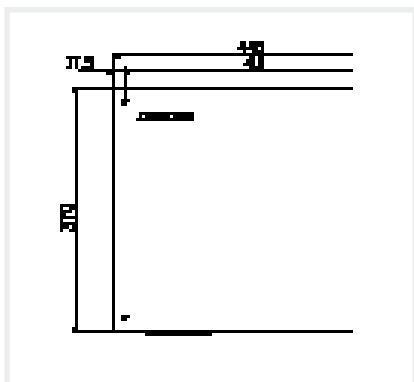
Description

FB3T filters block harmonics in multiples of 3 and have been designed to reduce third order harmonic currents.

Application

Installations with lights, dimmers, computers or any other type of single-phase loads connected between the phase and the neutral.

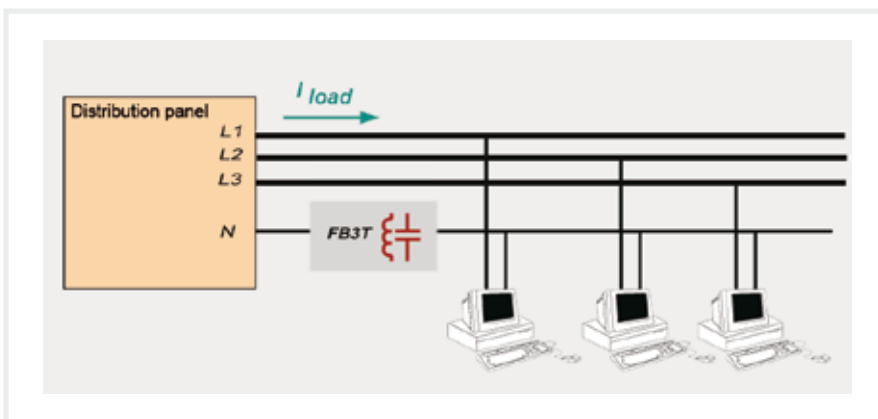
Dimensions



Features

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Voltage: Phase - Neutral	Up to 750 V
Frequency	*FB3T-5-xx , 50Hz *FB3T-6-xx , 60Hz
Standard nominal currents I_R	6, 10, 16, 25, 32, 50, 63, 100 A
Maximum transient current	$1.5 I_R$ (1 minute every 10 minutes)
Terminals (insert in series with neutral conductor)	N1 – N2
Environmental conditions	
Operating temperature	-10° ... +50 °C
Maximum relative humidity (non-condensing)	95 %
IP Degree of protection	IP 00 IP 21 (acc. EN 60.529)

Connections



References

FB3T - for three-phase network (50 Hz)

Without box (IP 00)

Dimensions A x B x C (mm)	Type	Code
300 x 200 x 200	FB3T-5-06-00	R78131
300 x 200 x 200	FB3T-5-10-00	R78132
300 x 200 x 200	FB3T-5-16-00	R78133
370 x 280 x 300	FB3T-5-25-00	R78134
370 x 280 x 300	FB3T-5-32-00	R78135
370 x 280 x 300	FB3T-5-50-00	R78136
370 x 420 x 370	FB3T-5-63-00	R78137
370 x 420 x 370	FB3T-5-100-00	R78138

With box (IP 21)

Dimensions A x B x C (mm)	Type	Code
300 x 200 x 200	FB3T-5-06-21	R78121
300 x 200 x 200	FB3T-5-10-21	R78122
300 x 200 x 200	FB3T-5-16-21	R78123
370 x 280 x 300	FB3T-5-25-21	R78124
370 x 280 x 300	FB3T-5-32-21	R78125
370 x 280 x 300	FB3T-5-50-21	R78126
370 x 420 x 370	FB3T-5-63-21	R78127
370 x 420 x 370	FB3T-5-100-21	R78128