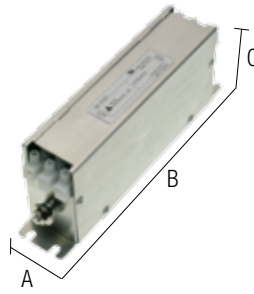


TDV series three-phase filter without neutral

- Models from 7 to 130 A
- Elevated attenuation from 150 kHz to 30 MHz
- Elevated attenuation even on long cables
- Minimum surface occupied on the panel



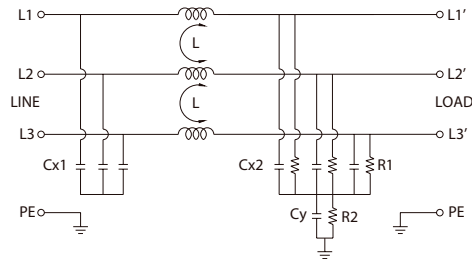
NOTES

The dimensions and diagrams are purely indicative, for more detailed information see the product's technical data.

(1) The presence of condensators between phase and neutral, dictates that the isolation tests are carried out in DC in accordance with EN60950.

(2) Version made to order (not kept in stock); contact our sales office for availability.

BLOCK DIAGRAM



VERSIONS		
Nominal current	ID number	Code
7 A	F 07 TDV ST2	XF07TDVST2 (2)
16 A	F 16 TDV ST2	XF16TDVST2 (2)
30 A	F 30 TDV ST2	XF30TDVST2 (2)
42 A	F 42 TDV ST2	XF42TDVST2 (2)
55 A	F 55 TDV ST2	XF55TDVST2 (2)
75 A	F 75 TDV ST2	XF75TDVST2 (2)
100 A	F 100 TDV ST2	XF100TDVST2 (2)

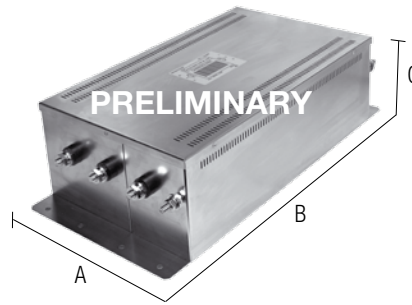
Dimensions			Weight (kg)
A	B	C	
42	192	72	
47	252	72	
52	272	87	
52	312	87	
87	252	92	
92	272	137	
90	270	150	

GENERAL TECHNICAL DATA	
Nominal voltage	480 Vac \pm 10%
Nominal current	See table for versions
Frequency	50...60 Hz
Leakage current at 480 Vac 60 Hz	30 mA
Room temperature	-25...+85°C
L/L insulation	1.45 KVdc / 60 s (1)
L/PE insulation	2.25 KVdc / 60 s (1)
Surge category / degree of pollution	—
Degree of protection	IP 20 IEC 529, EN60529
Connection type	fixed screw terminal blocks
Container material	metallic
Approximate weight	See table for versions
Assembly	on panels by means of anchorage screws

Attenuation in dB of common mode (L / PE)		Attenuation in dB of differential mode (L / L)				
ID number	0.15 MHz	0.5 MHz	1 MHz	5 MHz	10 MHz	30 MHz
F 07 TDV ST2	20	60	60	60	50	35
F 16 TDV ST2	15	50	55	60	50	35
F 30 TDV ST2	15	50	55	60	50	35
F 42 TDV ST2	55	70	70	45	35	20
F 55 TDV ST2	15	55	55	55	50	35
F 75 TDV ST2	15	55	55	55	50	30
F 100 TDV ST2	35	50	45	25	15	7

TDS series three-phase filter without neutral

- Models from 150 to 180 A
- Elevated attenuation from 150 kHz to 30 MHz
- Elevated attenuation even on long cables



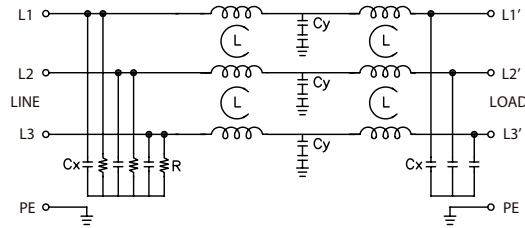
NOTES

The dimensions and diagrams are purely indicative, for more detailed information see the product's technical data.

(1) Version made to order (not kept in stock); contact our sales office for availability.

(2) The presence of condensators between phase and neutral, dictates that the isolation tests are carried out in DC in accordance with EN60950.

BLOCK DIAGRAM



VERSIONS

Nominal current	ID number	Code
150 A	F 150 TDS 84C	XF150TDS84C (1)
180 A	F 180 TDS 84C	XF180TDS84C (1)

Dimensions

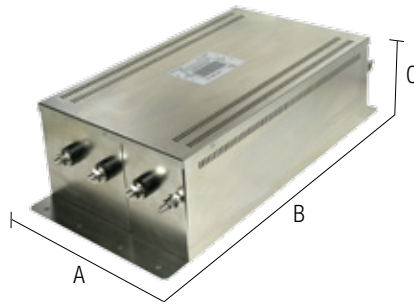
A	B	C	Weight (kg)
202	390	122	
202	390	122	

GENERAL TECHNICAL DATA

Nominal voltage	480 Vac \pm 10%
Nominal current	See table for versions
Frequency	50...60 Hz
Leakage current at 480 Vac 60 Hz	500 mA
Room temperature	-25...+85°C
Line/line insulation	1 KVdc / 60 s (2)
Line/PE insulation	1 KVdc / 60 s (150A) – 2.25 KVdc / 60 s (180A) (2)
Surge category / degree of pollution	—
Degree of protection	IP 20 IEC 529, EN60529
Connection type	self-blocking nut
Container material	metallic
Approximate weight	See table for versions
Assembly	on panels by means of anchorage screws

TDDS series three-phase filter without neutral

- Elevated attenuation from 150 kHz to 30 MHz
- Elevated attenuation even on long cables



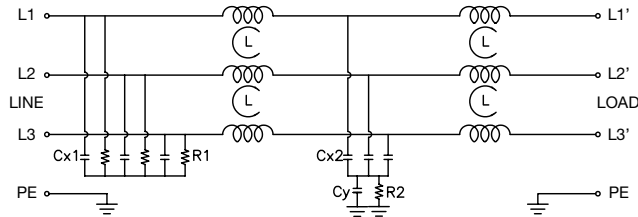
NOTES

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(1) Version made to order (not kept in stock); contact our sales office for availability.

(2) The presence of condensators between phase and neutral, dictates that the isolation tests are carried out in DC in accordance with EN60950.

BLOCK DIAGRAM



VERSIONS

Nominal current	ID number	Code
200 A	F 200 TDDS 84C	XF200TDDS84C (1)

Dimensions

A	B	C
240	477	140

Weight (kg)

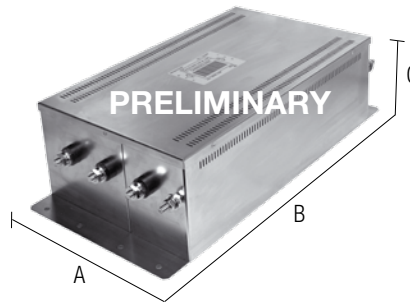
GENERAL TECHNICAL DATA

Nominal voltage	480 Vac \pm 10%
Nominal current	200 A
Frequency	50...60 Hz
Leakage current at 480 Vac 60 Hz	500 mA
Room temperature	-25...+85°C
Line/line insulation	1 KVdc / 60 s (2)
Line/PE insulation	1.8 KVdc / 60 s (2)
Surge category / degree of pollution	—
Degree of protection	IP 20 IEC 529, EN60529
Connection type	self-blocking nut
Container material	metallic
Approximate weight	See table for versions
Assembly	on panels by means of anchorage screws

ID number	Attenuation in dB of common mode (L / PE)						Attenuation in dB of differential mode (L / L)					
	0.15 MHz	0.5 MHz	1 MHz	5 MHz	10 MHz	30 MHz	0.15 MHz	0.5 MHz	1 MHz	5 MHz	10 MHz	30 MHz
F 200 TDDS 84C	55	60	55	30	20	/	45	30	25	10	10	5

TDSS series three-phase filter without neutral

- Models from 300 to 600 A
- Elevated attenuation from 150 kHz to 30 MHz
- Elevated attenuation even on long cables



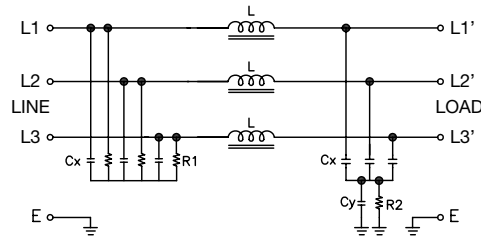
NOTES

The dimensions and diagrams are purely indicative, for more detailed information see the product's technical data.

(1) Version made to order (not kept in stock); contact our sales office for availability.

(2) The presence of condensators between phase and neutral, dictates that the isolation tests are carried out in DC in accordance with EN60950.

BLOCK DIAGRAM



VERSIONS			
Nominal current	ID number	Code	
300 A	F 300 TDSS 84C	XF300TDSS84C	(1)
400 A	F 400 TDSS 84C	XF400TDSS84C	(1)

Dimensions			Weight (kg)
A	B	C	
242	525	142	
242	525	142	

GENERAL TECHNICAL DATA	
Nominal voltage	480 Vac \pm 10%
Nominal current	See table for versions
Frequency	50...60 Hz
Leakage current at 480 Vac 60 Hz	1000 mA
Room temperature	-25...+85°C
Line/line insulation	0.6 KVdc / 60 s (2)
Line/PE insulation	1 KVdc / 60 s (2)
Surge category / degree of pollution	—
Degree of protection	IP 20 IEC 529, EN60529
Connection type	flat plug
Container material	metallic
Approximate weight	See table for versions
Assembly	on panels by means of anchorage screws
