

FVDB

Three Phase Double Stage Filter for Inverters and Power Drives

General Specifications

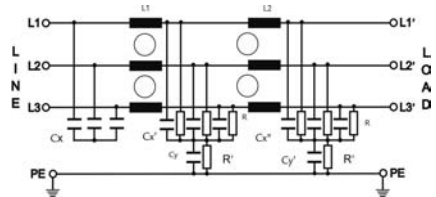
- Maximum operating voltage: 520 / 720 Vac
- Operating frequency: DC - 60Hz
- Hipot test voltage:
L/N->PE: 3000 Vdc 2s
L->N: 2250 Vdc 2s
- Application class: HPF Acc. TO DIN 40040
(-25°C/+85°C/95% RH, 30d)
- Flammability class: UL 94 V2



Three Phase Double stage

For three phase inverters and power drive system
Book style with compact size and easy to install.
High Voltage version is available

Electrical schematic



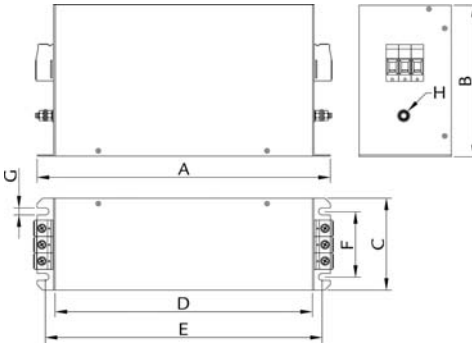
Product List

Type	Rated Current (A) @ 50 °c	Typical drive Power rating Nor./HV(KW)	Leakage Current 440VAC / 50Hz (mA)	Power Losses (W)	Connection	Weight (Kg)
FVDB-007B FVDB-007BHV	7	4 / 5.5	16.5	9	Terminal block 4 mm ² / AWG 10	1
FVDB-016B FVDB-016BHV	16	7.5 / 11	18.3	20	Terminal block 4 mm ² / AWG 10	1.5
FVDB-030B FVDB-030BHV	30	15 / 22	24.2	21	Terminal block 10 mm ² / AWG 6	2
FVDB-042B FVDB-042BHV	42	22 / 30	25.8	30	Terminal block 16 mm ² / AWG 4	2.5
FVDB-055B FVDB-055BHV	55	30 / 45	25.8	30	Terminal block 25 mm ² / AWG 2	3
FVDB-075B FVDB-075BHV	75	37 / 55	25.8	24	Terminal block 25mm ² / AWG 2	4
FVDB-100B FVDB-100BHV	100	55 / 90	25.8	51	Terminal block 50 mm ² / AWG 0	5.5
FVDB-130B FVDB-130BHV	130	75 / 110	30	50	Terminal block 95 mm ² / AWG 000	7
FVDB-180B	180	90	30	73	Terminal block 95 mm ² / AWG 000	11
FVDB-250B	250	132	30	79	Terminal block	17

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Mechanical dimensions (mm)

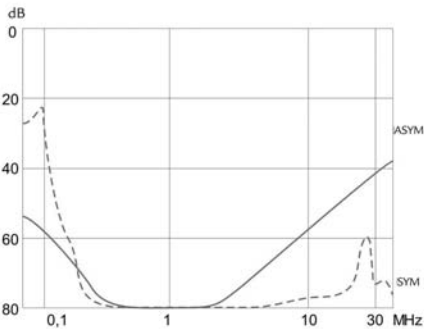


Mechanical Dimensions (mm)

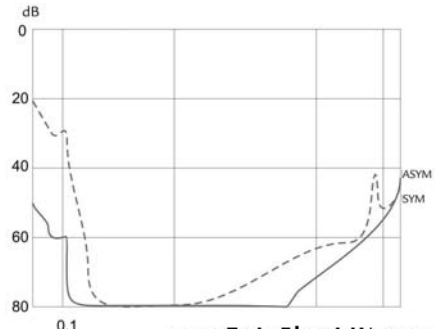
	7 A	16 A	30 A	42 A	55 A	75 A	100 A	130 A	180 A	250 A
A	255	305	335	329	329	329	379	439	438	478
B	126	142	150	185	185	220	220	240	240	240
C	50	55	60	70	80	80	90	110	110	110
D	225	275	305	300	300	300	350	400	400	440
E	240	290	320	314	314	314	364	414	413	453
F	25	30	35	45	55	55	65	80	80	80
G	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
H	M5	M5	M6	M6	M6	M6	M10	M10	M10	M10

Insertion Loss ——— ASYM
 - - - - SYM

7~30A



42~100A



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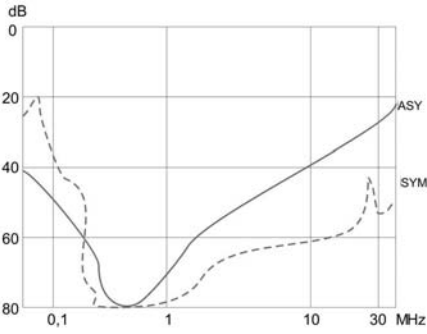
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RFI Power Line Filters

130A



180 & 250A

