

Chassis/Back Panel Mount Filters with/without IEC Connectors

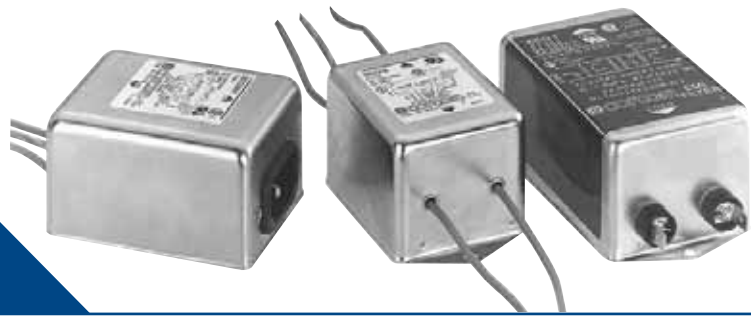
Q-Series

- Very high attenuation and low leakage currents also at high current transients (switching power supplies)
- Optimized filter with regard to attenuation and size (exceeding T-Series)
- Especially suited for RFI suppression in equipment above 10 kHz
- EHQ-types for medical applications


For F3426 VDE only

according IEC 950





Type	Max.leak-age current	Capac. C _y	Type	Max.leak-age current	Capac. C _y	Max.current UL/VDE	Inductance L ₁	L ₂	Capacity C _x	Tapped insert	Dimensions (mm)					
											A	B	C	D	E	
3EQ1*	Line to ground 250VAC	2x3nF	3VQ1	Line to ground	2x10nF	3A/2A	2x31,8mH	2x0,4mH	2x0,47µF			97,8	52,4	45,1	74,6	84,6
3EQ3*		2x3nF	3VQ3	to ground	2x10nF	3A/2A	2x31,8mH	2x0,4mH	2x0,47µF			65,0	52,4	45,1	74,6	84,6
3EQ7		2x3nF	3VQ7	250VAC	2x10nF	3A/2A	2x31,8mH	2x0,4mH	2x0,47µF	6-32x1/4		92,5	57,2	45,1	40,0	77,0
3EQ8	50Hz	2x3nF	3VQ7M	250VAC	2x10nF	3A/2A	2x31,8mH	2x0,4mH	2x0,47µF	M 4x0,5		92,5	57,2	45,1	40,0	77,0
3EQ8M		2x3nF	3VQ8	50Hz	2x10nF	3A/2A	2x31,8mH	2x0,4mH	2x0,47µF	6-32x1/4		77,8	57,2	45,1	40,0	16,0
6EQ1*	0,5mA	2x4nF	3VQ8M	1,25mA	2x10nF	3A/2A	2x31,8mH	2x0,4mH	2x0,47µF	M 3x0,5		77,8	57,2	45,1	40,0	16,0
6EQ3*		2x4nF				6A/5A	2x47,2mH	2x1,6mH	1,5+0,47µF			126,5	57,4	45,7	103,2	113,5
6EQ8		2x4nF				6A/5A	2x47,2mH	2x1,6mH	1,5+0,47µF			93,6	57,4	45,7	103,2	113,5
6EQ8M		2x4nF				6A/5A	2x47,2mH	2x1,6mH	1,5+0,47µF	6-32x1/4		135,2	50,7	44,1	40,0	68,6
20EQ1		2x4nF	20VQ1			2x10nF	20A/20A	2x3,26mH	2x3,26mH	2x2,2µF	M 3x0,5		135,2	50,7	44,1	40,0
												168,1	52,6	57,9	142,9	153,2

*Suitable for frequency converter applications

For Medical Applications

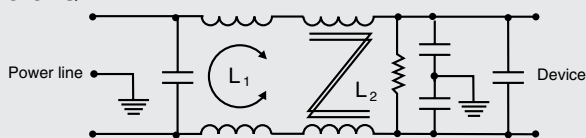
Type	Max.leak-age current	Max.current UL/VDE	Inductance		Capacity C _x	Tapped insert	Dimensions (mm)				
							A	B	C	D	E
3EHQ1	Line to ground 250VAC	3A/2A	2x31,8mH	2x0,4mH	0,27+0,27+0,47µF		97,8	52,4	45,1	74,6	84,6
3EHQ3		3A/2A	2x31,8mH	2x0,4mH	0,27+0,27+0,47µF		65,0	52,4	45,1	74,6	84,6
3EHQ8		3A/2A	2x31,8mH	2x0,4mH	0,27+0,27+0,47µF	6-32x1/4	77,8	57,2	45,1	40,0	16,0
3EHQ8M	50Hz	3A/2A	2x31,8mH	2x0,4mH	0,27+0,27+0,47µF	M 3x0,5	77,8	57,2	45,1	40,0	16,0
6EHQ1		6A/5A	2x47,2mH	2x1,6mH	1,5+0,47µF		126,5	57,4	45,7	103,2	113,5
6EHQ3		6A/5A	2x47,2mH	2x1,6mH	1,5+0,47µF		93,6	57,4	45,7	103,2	113,5
6EHQ8		6A/5A	2x47,2mH	2x1,6mH	1,5+0,47µF	6-32x1/4	135,2	50,7	44,1	40,0	68,6
6EHQ8M		6A/5A	2x47,2mH	2x1,6mH	1,5+0,47µF	M 3x0,5	135,2	50,7	44,1	40,0	68,6

Special Construction Style

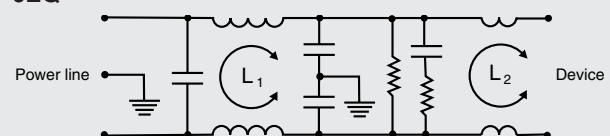
Type	Max. current VDE	Max. leakage current line to ground 250 VAC	Inductance		Capacity	
			L ₁	L ₂	C _x	C _y
F-3426B	1A	2,5mA	2x21,1mH	2x0,37mH	0,2µF	2x14nF

Electrical Schematic

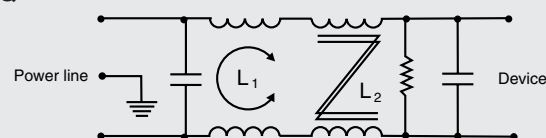
3EQ & 3VQ



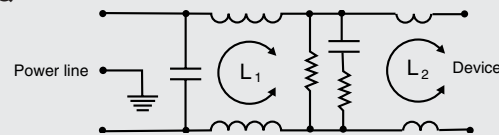
6EQ



3EHQ



6EHQ



F-3426

