



FOKY2.E64388 Electromagnetic Interference Filters - Component

Electromagnetic Interference Filters - Component

Guide Information

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EMC & SAFETY SERVICE
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E64388

The appliance filter models tabulated below comply with Leakage Current Requirements of UL 544 (medical & dental) for patient care equipment.

FN322B-3-01	7/10/78
FN323B-6-05	2/11/92
FN375B	11/15/84
FN379B-4-22	11/15/84
FN385B	11/15/84
FN389B-2-12	11/15/84
FN610B-3-06	12/30/82
FN32613-10-02	1/4/83
FN223B-1-06, -3-06, -6-06	2/11/92
FN9223B-1-06, -3-06, -6-06	2/11/92

The appliance filter models tabulated below comply with Leakage Current Requirements of UL 544 (medical & dental) for nonpatient care equipment.

FN322A-3-01	7/10/78
FN610A-3-06	12/30/82

Appliance filters, Series FN20, Models FN201 followed by 0 or 3; Model FN202 followed by 0; Model FN206 followed by 0, 1, 2 or 3; Model FN207 followed by 0, 1, 2 or 3; Model FN208 followed by 0, 1, 2 or 3 model numbers are followed by A, A1, A2, B, C, C1, C2, D, F, G, H, I, K, L, M, N or N2 (omitted for standard versions), followed by -1, -3, -6, -10, -12, -16, -20, -25, -36, -30 or -60, followed by -01, -03, -05, -06, -07, -08, -24; Series FS4148-16-06, FS5212-20-07, FS5212-20-07-1, FS5271-16-06.

Series FN406: Model FN406# followed by -0.5, -1, -3, -6 or -8-4, followed by -02 where # can be nothing or the letters A, A1 or B; Models FS3966-20-06, FS5230-10-06, FS5409-12-06.

Models FN22-0.8-2, -0.8-3.

Model FN42 followed by 0, 1, 2 or 3, followed by 0.6, 1, 1.6, 2.5, 4 or 6.5, followed by /07 or /13.

Models FN223W#-Y-X-ZZ, FN323W-Y, X, FN9223W #-Y-X-ZZ, FN9224W#-Y-X-ZZ, FS4606-3-X-ZZ, , FS5982-3-07, SN 223# -10-X-ZZ, SN9223#10-X-ZZ, SN9224#-10-X-ZZ, where # can be nothing or an S, where "W" can be nothing or the letters A, A1, B or R, where "Y" can be the number 1, 3, 6 or 10, where "ZZ" can be nothing or the number 05-40.

Models FN250-6-07, -12-07, -20-07, FN251-4-07, -8-07, -16-07, -24-07.

Models FN256X-8-46-*, -16-46-*, -25-47-*, -36-47-*, -64-52-*, -80-28-*, -80-34-*, -120-28-*, -120-35-*, -160-28-*, -160-40-*, where X = No letter or B, H1, H, I, K, L, M, N and where * = no letter or H.

Model Series FN258HV*-A-XX, where * may be blank or IT, where A may be 7, 16, 30, 42, 55, 75, 100 or 130, and XX may be 07, 33, 29, 34 or 35.

Model Series FN258*-A-XX where * may or may not be an Lor P, where A may be 7, 16, 30, 42, 55, 75, 100, 130 or 180 and XX may be 07, 29, 33 or 34.

Models FN261x-1-yy, -2-yy, -4-yy, -6-yy, -10-yy where x= A or B or R, yy =01 or 05 or 06; Models FN9260, 9260B, 261 followed by 1, 2, 4, 6, 10, followed by OB; Models FN9260x-1-yy, -2-yy, -4-yy, -6-yy, -10-yy, SN261-10-yy, SN9260-10-yy where x = A or B or R, yy = 01 or 05 or 06, where # can be S or S1.

Models FN9222X-16-y, FN9222x-20-Y, where x = no letter, A, A1, C, C2, Y = 01, 05, or 06.

Models FN280 to -286 incl. may be followed by E, R or Z, may be followed by 1, 2, 4, 6 or 10, may be followed by 05 or 06, may be followed by G, H, I, K, L, M, N, P or Q, may be followed by A to F incl., or O, may be followed by 1, 2 or 3; Model FS4951-4-06.

Model Nos. FN291, -292, -293, -294 may be followed by "E", may be followed by "R", may be followed by "Z", followed by 1, 2.5 or 6, followed by 05 or 06, followed by G, H, I, J, K, L, M, N, P or Q, followed by A, B, C, D, E, F or O, may be followed by one or two digits.

Model No. FN-321 may be followed by R, may be followed by Z, followed by 1, 3, 6 or 10, followed by 01, 05 or 06, may be followed by G, H, I, K or L, may be followed by G, H, I, K or L, may be followed by A, B, C, D, E or O, may be followed by one or more digits; Model No. FN327 may be followed by R, followed by 1, 3 or 6, followed by 01, 05, 06 or 16, may be followed by G, H, I, K, L, M or N, may be followed by G, H, I, K, L, M or N, may be followed by B, C, D, E or O, may be followed by one or more digits; Model No. FN329 may be followed by R, may be followed by 1, 3 or 6, followed by 01, 05 or 06, may be followed by G, J, I, K or L, may be followed by B, C, D, E or O, may be followed by one or more digits; Model No. FS2965-10-01.

Part Nos. FN322, FN322A, -B, -R followed by -1/01, -1/05, -3/01, -3/05, -6/01, -6/05, -10/01, -10/05; Part Nos. FS2207-6-01, FS2564-10-05, FU1447, -1497.

Series FN326, Models FN326, FN326A, -A1, -B or -R followed by -1, -3, -6 or -10, followed by -01, -02, -05, -06 or -07.

Series FN325, Models FN325-1-04, -3-04, -6-04.

Model FN346 followed by 1.6, 2.5, 4, 6 or 10, followed by 06 or 07, may be followed by L, M, N, P, Q, R or S, may be followed by L, N, P or Q, may be followed by A, C, D, E, F, H, I or O, may be followed by single digits 0-9 incl.

Models FN350-8-24, -8-29, -12-24, -12-29, -20-24, -20-29, -30-24, -30-33, -55-24, -55-33.

Models FN351-5-29, -8-29, -16-29, -25-33, -36-33, -50-33, -50-34, -64-33, -64-34, -80-34, -110-35, -16-46, -25-46, -36-47, -50-47, -50-52, -64-47, -64-52.

Models FN-360, -360B, -360E, -360EB, -361, -361E, -363 all followed by -1, 2, 4 or 6, all followed by /01, /05

or /06; Model FU1693-6-06-LL-D.

Part Nos. FN328-1/01, -1/05, -3/01, -3/05, -6/01, -6/05, FN343-1/01, -1/05, -3/01, -3/05, -6/01, -6/05, -10/01, -10/05.

Models FN332, -332A, -332B all followed by -1, -3, -6, -10, followed by /01, /05, /06.

Part Nos. FN352Z-6/06, -10/03, -20/03 followed by /29; Part No. FN353Z-30/03 followed by /03 or /33.

Part Nos. FN355-3, -6, -10, -20, all followed by /01, /02 or /03.

Model FN356 followed by 25, 36 or 50, followed by 17, 24, 26 or 33, followed by 2, 3, 4 or 5, followed by 0, 1, 2, 3 or 4, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8 or 9.

Model FN356-16-06 may be followed by 0 or 1, may be followed by 0, 1, 2, 3 or 4, may be followed by 0.

Part. Nos. FN356-100-XX, FN356B-100-XX where XX is either 28 or 30.

Part Nos. FN365-2/01, -2/05, -4/01, -4/05, FU1215, FU1826, -1835.

Part Nos. FN370, -372, -376, -378, -380, -382, -386, -388 may be followed by B, followed by 2, 4 or 6, followed by 11, 12, 21, 22, 31 or 32; Models FS2120-4-16, -2455-4-19, -2900-2-16.

Models FN375, -375B, -377, -377B, -379, -379B, -385, -385B, -387, -387B, -389, -389B, followed by 2, 4 or 6, followed by 11, 12, 21, 22, 31 or 32; Models FN377-2-16-L-D-2, FS4085-2.

Models FN391, -392, -393, -394 may be followed by "E", "R", and/or "Z", followed by -1, -2.5 or -6, followed by 02, 05, 06 or 07, followed by 0 or 1, may be followed by G, H, I, K, L, M, N, P or Q, may be followed by A, B, C, D, E or O, followed by 1 or 2; Models FN1391, -1392, -1393, -1394 may be followed by "R", followed by 1, 2.5, 6 or 10, followed by 02, 05, 06 or 07, followed by 0 or 1, followed by 0 or 1, followed by G, H, I, K, L, M, N, O, P or Q, followed by G, H, I, K, L, M or N, may be followed by A, B, C, D, E, F or O, may be followed by 1, 2 or 3.

Series FN402, Models FN402, -402B followed by -0.5, -1, -1.6, -4 or 6.5, followed by -02, -07, -16 or -38; Models FS4697-6.5, followed by -02, -07, -16 or -38.

Models FN405, -405B, -410 followed by -0.5, -1, -3, -6 or -10 all followed by 02; Models FS3739-10-02, FU1540.

Series FN406: Models FN406, FN406B followed by -0.5, -1, -3, -6 or -8.4, followed by -02; Model FS3975-8.4-02.

FN480 series consisting of filters, Models FN48X-6-03, -10-03 where X can be number 0, 1, 2, 3.

Series FN610X-YY-ZZ, FN612X-YY-ZZ, where "X" can be blank, A, B or R, "YY" can be the numbers from 1, 3, 6, 10, 20, 30, 40, 80 or 100, and where "ZZ" is 03, 06, 07, 08, 10 or 24.

Part Nos. FN660-1/06, -1/07, -3/06, -3/07, -6/06, -6/07, -10/06, -10/07, -10/10, -16/03, -16/06, -16/10, -20/03, -20/06, -20/10, FN670-1.8/06, -1.8/07, -3/06, -3/07, -6/06, -6/06C, -6/07, -6/07C, -10/06, -10/06C, -10/07, -10/07C, FS2255-16/06, FS2983-6-07, FS3597-10-07, FS4110.20.06, FS4266-10-07, FS4267-10-99 All Models may have "B" as the fifth digit.

Part Nos. FN675-3-06, -6-06, -12-03, -16-03, FN676-12-03, -16-03, FN9675-3-06, -6-06, -12-03, -16-03, FN9676-12-03, -16-03.

Series FN682, Models FN682, FN682A, FN682B followed by -4, -6.5, -10, followed by -01, -05, -06, -07, -10.

Models FN685-10-XX, -16-XX where XX is either 03 or 06; Part Nos. FN686-25-23, -36-23.

Series FN2100 Models FN21*-0X-10YY, -20YY, -30YY, -40YY where * = 1 or 2; X may or may not be A, A1, B, C, D, F, G, H, I, K, L or M; YY = 01, 05, 06, 07 or 08.

Series FN210, 2102, Models FN2101X-3-**, -6-**, -10-**, -16-**, FS5432-16-**, FN2102X-3-**, -6-**, -10-**, -16-**, FS4803-6**-1 where X = no letter or A, A1, B, C, D and ** = 01, 05 or 06.

Series Models FN3010X-6-08, -10-08, -20-46, -30-47, -50-24, -75-25, -100-25, -140-28 where X = no letter or A, A1, B, C, C1, C2, D or F.

Models FN3011-20-61, FN3011-30-61, FN3011-50-62, FN3011-75-62.

Models FN3021-50-55, FN3021-80-55, FN3021-100-56, FN3021-150-56.

Models FN3100-35-33, -3100-50-34, -3100-80-35, -3100-110-35, -3100-150-30.

Series FN93, Models FN93UVW-0.5-XX-YY-ZZ, -1-XX-YY-ZZ, -3-XX-YY-ZZ, -6-XX-YY-ZZ, -10-XX-YY-ZZ where U = 2, 3, 4, 5, 6; V = 0, 1, 2; W = No letter A, A1, B, C, C1, C2, F, G, R; XX = 070 48; YY = 05 to 40; ZZ = 00 or 01.

Models FN9222#X-1-YY, -3-YY, -6-YY, -10-YY, -12-YY, -12-YY-E, -15-YY, -15-YY-E where "X" can be letter A, B or R, or can be deleted, where "YY" can be the number 01, 05 or 06 where # may be an S; Model FS5488-10-06.

Series FN9246, Models FN9246X-1-y-z, -3-y-z, -6-y-z, -10-y-z, -12-y-z, -15-y-z, -16-y-z, -20-y-z.

Series FN9310X-*-48-ZZ where X may or may not be A, A1, B, C or R, where * = 0.5, 1, 3, 6, 10 or 15 where ZZ=10, 12, 15, 20, 25 or 30.

Series FN9226, Models FN9226, FN9226A, -A1, -B or -R followed by -1, -3, -6 or -10, followed by -01, -02, -05, -06, or -07.

Part No. FS2072-3-06, Model FS2072-3-07.

Model FS2198-3-06.

Model FS2259-3-06.

Part Nos. FS2456-12/06, -/07, -2821-2.5-06-S-X-1, FU1869A; Part No. FU1987-1 followed by /06 or /07, followed by -Q-D; Series FN680, Models FN680, -680A, -680B followed by -1, -2.5, followed by -01, -05, -06, -07, -10.

Models FS2466-12-07-PP-E-1.

Model FS2763-2-05-SQ-DG-1.

Models FS2939-10-05-1, -3288-12-05.

Models FS2956-7-07-1, -2984-8-06, -3127-2.5-06-1, -3127-2.5-06-2.

Model FS3107-15-07-1.

Models FS3193-3.5-99-1, -3.5-99-3, FS3846-1-06, FS3829-15-07.

Model FS3212-13-06-6.

Model FS3288-12-05-2.

Part Nos. FS3370-15-05, FU1745.

Models FS3385-25-10-1, FS3385-25-10-3.

Model FS3532-25-24.

Model FS3560-16-06-1*.

Models FS3587-10-29, FS3588-20-29.

Model FS3727-6 followed by -01, -05, -06, -07 or -10.

Models FS3840-5-07, FS3840-10-07.

Models FS3970-8-29, FS3987-8-29.

Model FS3967-8-29.

Model FS4013-4-05.

Model FS4086-15-99-2.

Models FS4136-06-1, -06-2, -10-06, -12-06, -12-07.

Models FS4142-10-07, -15-07, -20-07.

Model FS4149-12-07.

Model FS4154-20-29.

Models FS4155-45-07, -45-07-1, -45-07-2, FS4193-45-07, FS-4193-45-07-2, FS4193-45-07-3, FS4193-45-07-4, FS5206-45-07, FS5241-45-07.

Model FS4167-8-06.

Models FS 4237-10-06-3, FS 4237-20-06-1, FS 4237-20-06-2.

Model FS4392-0.5-07-01.

Model FS4606-3-X where "X" can be the number 01, 05, 06 or 07.

Model FS4609-75-05.

Model FS4617-2-15.

Model FS4618-2-15.

Model FS4703-4-02.

Model FS4726-20-X-1 where "X" can be the number 03, 05, 06 or 08.

Models FS4744-20-07, -20-07-1, -20-07-2.

Series FS4803, Models FS4803-20-07-3, FS4803-40-07-3, FS4803-60-09-3.

Models FS4838-22-07, FS4928-20-06.

Model FS4909-1-02.

Model FS5079-64-07.

Models FS5101-10-07, FS5111-10-29, FS5106-16-07, FS5112-16-07, FS5599-16.5-07, FS5113-50-53, FS5113-63-34, FS5113-100-35, FS5113-150-40, FS5113-180-40.

Models FS5131-4-99, -10-99, -18-99, -32-99, FS5132-6-99, -12-99, -25-99, FS5134-6-99, FS5138-12-46, FS5139-18-46, FS5156-36-47, FS5157-80-35, FS5313-3-07, FS5354-20-99, FS5354-60-99, FS5357-20-06.

Models FS5569-16-07, -16-07LL, -17-07, -26-07, -26-07LL, -30-07, -33-07, FS5581-12-07, -12-07LL, -26-07, -26-07LL.

Model FS5294-10-02.

Model FS5536-5-07, -12-07, -35-07, -50-07, -72-07.

Models FS5339-20-07, FS5339-20-07-3.

Models FS5559-35-33, -60-34, -80-34, -100-34, -150-35, -200-40.

Model FS5572-140-07-302.

Model FS5572-70-07-302.

Models FS5715-180-07, -250-07, -330-07.

Models FS5594-12-07, -26-07, FS5603-60-24, FS5901-30-07, -33-07.

Models FS5609-8-29-2, FS5609-8-29-100, FS5609-16-29-2, FS5609-16-29-100, FS5609-30-44-2, FS5609-30-44-100, FS5609-50-33-2, FS5609-50-33-100, FS5609-75-34-2, FS5609-75-34-100, FS5609-95-34-2, FS5609-95-34-100, FS5609-120-35-2, FS5609-180-40-2, FS5609-180-40-100, FS5708-14-07, FS5708-34-07, FS5710-4.5-07, FS5710-15-07, FS5710-27-07.

Models FS5757-13.5-07, FS5757-16-07.

Model FS5855-10-66.

Models FS5859-18-99, -45-99, -45-99-1, -80-99, -80-99-1 , FSF859-18-99-1.

Models FS5919-6-07, -18-07, -29-07, FS5956-6-46, -26-47, -53-52, FS5944-5-07, -10-07, -15-07, -30-07.

Model FS5967-6-07.

Models FS5968-20-07, FS5968-20-07-1.

Model FS5910-16-29.

Model FS6017-40-07, -150-25.

Model FS6052IT-205-28.

Model FS6384-30-33.

Model FS6703-3-07.

Model FS7201-33-99.

Part No. FU1585.

Models SN 9260 261, followed by 10, followed by OB.

Model FS6024-3-07.

Model FS8031-6-07.

Appliance filters Choke Series:Series RNX02-Y-02 where "X" can be the number 1 or 2, the letter "Y" can be one of the following: 0.3, 0.6, 1, 1.5, 2; Series RNX12-Y-02 where "X" can be the number 1 or 2, the letter "Y" can be one of the following: 0.4, 0.5, 0.6, 0.8, 1.2, 1.5, 2, 4; Series RNX14-Y-02 where "X" can be the number 1 or 2, the letter "Y" can be one of the following: 0.3, 0.5, 0.8, 1, 1.2, 1.5, 2, 2.5, 3, 4; Model RNX14-2-02-1; Series RNX22-Y-02 where "X" can be the number 1 or 2, the letter "Y" can be one of the following: 0.6, 0.8, 1, 1.5, 2, 2.5, 3, 4; Model RNX22-1-02-1, RNX22-2-02-1, RNX22-4-02-1;

Model RNX22-0.5-02-56 where X can be 1 or 2; Series RNX42-y-02 where x can be 1 or 2 and y can be 0.5, 1, 1.4, 2, 4, 6; Series RN143-y-02 where y can be 0.5, 1, 2, 4, 6; Series RN152-y-02 where y can be 1, 2, 4, 6, 8, 10; Series RSX12-Y-02 where "X" can be the number 5 or 6, the letter "Y" can be one of the following: 0.5, 1, 2, 4; Series RSX14-Y-02 where "X" can be the number 5 or 6, the letter "Y" can be one of the following: 0.5, 1, 2, 4; Series RSX22-Y-02 where "X" can be the number 5 or 6, the letter "Y" can be one of the following: 0.5, 1, 2, 4.

Electromagnetic interference filters. Part Nos. RN232-0.6/02, -1/02, -1.6/02, -2.5/02, -4/02, RU153. Part No. RX232-2/05.

Series FN7035-260-M12.

Models FN7660-10-M3(-X), FN7661-10-M3(-X), FN7660-16-M4(-X), FN7661-16-M4(-X), FN7660-32-M4(-X), FS7805-32-M4(-X), FN7661-32-M4(-X), FN7660-63-M6(-X), FN7661-63-M6(-X), FN7660-75-M6(-X), FS7804-75-M6(-X), FN7660-100-M8(-X), FN7661-100-M8(-X), FN7660-200-M10(-X), FN7661-200-M10(-X), FN7610-10-M3(-X), FN7611-10-M3(-X), FN7612-10-M3(-X), FN7610-16-M4(-X), FN7611-16-M4(-X), FN7612-16-M4(-X), FN7610-32-M4(-X), FN7611-32-M4(-X), FN7612-32-M4(-X), FN7610-63-M6(-X), FN7611-63-M6(-X), FN7612-63-M6(-X), FN7610-100-M8(-X), FN7611-100-M8(-X), FN7612-100-M8(-X), FS7800-100-3/8"(-X), FN7610-200-M10(-X), FN7611-200-M10(-X), FN7612-200-M8(-X), FN7612-200-M10(-X), FN7610-250-M12(-X), FN7611-250-M12(-X), FN7612-250-M12(-X), where "X" may be blank or the letters A to Z.

Feed-through capacitors , Models FN7560-10-M3(-X), FN7560-16-M4(-X), FN7561-16-M4(-X), FN7562-16-M4(-X), FN7563-16-M4(-X), FN7560-32-M4(-X), FN7561-32-M4(-X), FN7562-32-M4(-X), FN7563-32-M4(-X), FN7560-63-M6(-X), FN7561-63-M6(-X), FN7562-63-M6(-X), FN7563-63-M6(-X), FN7560-100-M8(-X), FN7561-100-M8(-X), FN7562-100-M8(-X), FN7563-100-M8(-X), FN7560-200-M10(-X), FN7561-200-M10(-X), FN7562-200-M10(-X), FS7801-200-M10(-X), FN7563-200-M10(-X), FN7560-250-M12(-X), FN7561-250-M12(-X), FN7560-300-M16(-X), FN7561-300-M16(-X), FN7562-300-M16(-X), FN7510-10-M3(-X), FN7511-10-M3(-X), FN7510-16-M4(-X), FN7511-16-M4(-X), FN7512-16-M4(-X), FN7513-16-M4(-X), FN7510-20-M4(-X), FN7510-32-M4(-X), FN7511-32-M4(-X), FN7512-32-M4(-X), FN7513-32-M4(-X), FN7514-32-M4(-X), FN7510-63-M6(-X), FN7511-63-M6(-X), FN7512-63-M6(-X), FN7510-100-M8(-X), FN7511-100-M8(-X), FN7512-100-M8(-X), FN7513-100-M8(-X), FN7510-200-M10(-X), FN7511-200-M10(-X), FN7512-200-M10(-X), FN7513-200-M10(-X), FN7510-250-M12(-X), FN7511-250-M12(-X), FN7512-250-M12(-X), FN7513-250-M12(-X), FN7510-300-M16(-X), FN7511-300-M16(-X), FN7512-300-M16(-X), FN7513-300-M16(-X), where "X" may be blank or the letters A to Z.

Filtering choke, Part No. RF211-10-14.

Filtering inductor, Model RF211-4-14-2.

Line filter, Model FS2638-32-07-01.

Power line filters, Model NC102-16/60.

Model NC-103-10.

Model NC-104-16.

Model NC-105-100.

Models LP-401-4.5, LP-401-4.5B.

Model NC-364-140R2.

Model NC-366-140.

Models NC-390-180R3, NC-390-180R4.

Models AB-440-15, -15W, AB-441-25, -25W, AB-442-35, AB-443-70, AB-109-11, AB-113-24, AB-111-6, AB-112-9.

Sinusoidal filters , Models FS5733-22-99, FS5733-30-99.

* Evaluated to UL 1950, Information Technology Equipment, clauses 2.5.11, 5.2 and 5.3.1.

#Only for use with Power Conversion Equipment, UL508C.

Marking: Company name or "Schaffner" and part or model designation.

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FOKY2.GuideInfo Electromagnetic Interference Filters - Component

Electromagnetic Interference Filters - Component

The devices covered under this category are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. THE FINAL ACCEPTANCE OF THE COMPONENT IS DEPENDENT UPON ITS INSTALLATION AND USE IN COMPLETE EQUIPMENT SUBMITTED TO UNDERWRITERS LABORATORIES INC.

Recognition within this category covers electromagnetic interference (EMI) filters installed on, or connected to, 600 V or lower potential circuits. These filters are used to attenuate unwanted radio-frequency signals (such as noise or interference) generated from electromagnetic sources. These filters consist of capacitors and inductors used alone or in combination with each other and may be provided with resistors.

This category does not cover transient-voltage surge suppressors (that is, devices for repeated limiting of voltage surges on power circuits such as thyrectors, metal oxide varistors, and spark-gaps). This category does not cover filters having a current rating of more than 400 A.

Filters Recognized within this category are identified as Appliance Filters.

An appliance filter - Is a filter intended to be factory-installed as a component part of end-use appliances or equipment connected to (supplied by) the branch circuits of a building wiring system. Included in this category are filters installed in medical and dental equipment, office appliances and business equipment, data processing equipment, and household appliances such as mixers, vacuum cleaners, hand tools, and the like.

Consideration should be given to the conditions under which the components are actually employed as compared with the simulated test conditions used for the investigation of the component.

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