



## NMMS.E176972 Power Conversion Equipment

[Page Bottom](#)

### Power Conversion Equipment

[See General Information for Power Conversion Equipment](#)

**DELTA ELECTRONICS INC**  
31-1 SHIEN PAN RD  
KUEI SAN INDUSTRIAL ZONE  
TAOYUAN HSIEN, 333 TAIWAN

E176972

#### Investigated to ANSI/UL 508C

**AC Drive, "VFD Series"** Model(s) Model VFD, followed 011, 015 or 022, followed by TM, followed by 12 or 21 and followed by alphanumeric suffixes or blank.

**AC Drive, "VFD-C Series"** Model(s) AC Motor Drives, VFD-C Series, Model VFD, followed by 007, 015, 022, 037, 040, 055, 075, 110, 150, 185, 220, 300, 370, 450, 550, 750 followed by C, followed by 23 or 43, followed by Q, followed by numbers, alphabets or blank.

VFD-C Series, Model VFD, followed by 007, 015, 022, 037, 040, 055, 075, 110, 150, 185, 220, 300, 370, 450, 550, 750 followed by C, followed by 23 or 43, followed by Q, followed by numbers, alphabets or blank.

VFD900C230Q

**AC Filter** Model(s) Model AF-LC075A2, AF-LC150A2, AF-LC220A2, AF-LC370A2, AF-LC075A4, AF-LC150A4, AF-LC220A4, AF-LC370A4, AF-LC450A4 and AF-LC750A4.

**AC line filters, "22-RF Series"** Model(s) 22-RF018CS, 22-RF025CL, 22-RF025CS, 22-RF026CL, 22-RF026CS, 22-RF034CL, 22-RF034CS, RF010-AL, RF012-BL, RF012-BS, RF018-BL, RF021-BL, RF021-BS, RF5P7-AL, RF5P7-AS, RF9P5-AL, RF9P5-AS

**AC line filters, "RF Series"** Model(s) RF, followed by 007, 015, 022, 037 or 110, followed by B or S, followed by 2 or 4, followed by 1 or 3, followed by A, B or C, may be followed by a revision code.

**AC line filters, "VFD-C Series"** Model(s) 22-RF018CL

**AC line filters** Model(s) NG2 or NG1 Filters, Models 25-RF series, followed by 7P5, 8P0, 011, 014, 018, 021, 023, 027, 029, 033, 035, 039 or 056, followed by -, followed by A, B, C, D or E, followed by L, may be followed by additional suffixes.

**AC line PF4M filters, "22F-RF Series"** Model(s) 22F-RF, followed by 6P0, 9P5, 010, 012, 021, 025, 026 or 039, followed by -A, -B or -C, followed by S or L.

**AC Motor Drive, "NG1 Series"** Model(s) 25x, followed by V, A, B, D or E followed by 0P9, 1P4, 1P6, 1P7, 2P3, 2P5, 3P0, 4P0, 4P2, 4P8, 5P0, 6P0, 6P6, 8P0, 9P9, 010, 011, 012, 013, 017, 019, 022, 024, 027, 030, 032, 037, 043, 048 or 062, followed by N, followed by 1, followed by 0 or 1, followed by 4, followed by additional suffix.

**AC Motor Drive, "NG2 Series"** Model(s) 25x, followed by V, A, B, D or E followed by 0P9, 1P4, 1P7, 2P3, 2P5, 3P0, 4P0, 4P2, 4P8, 5P0, 6P0, 6P6, 8P0, 9P9, 010, 011, 012, 013, 017, 019, 022, 024, 027, 030, 032, 037, 043, 048 or 062, followed by N, followed by 1, followed by 0 or 1, followed by 4, followed by additional suffix.

**AC Motor Drive, "VFD-C Series"** Model(s) VFD (e)

**AC Motor Drive** Model(s) Model CP-S120, maybe followed by additional suffixes which does not affect the construction.

**AC motor drive accessories** Model(s) AK-U9-RLB1

**AC Motor Drive, open type or enclosed type** Model(s) VFD-C Series, Model VFD, followed by 185, 220, 300, 370, 450, 550, 750, 900, 1100, 1320, 1600, 2000, 2500 or 3150, followed by C, followed by 6, followed by 3, followed by B, and/or followed by additional suffix.

**AC motor drives, "22A Series"** Model(s) 22A, followed by A, followed by 1P4, 2P1, 3P6, 6P8 or 9P6, followed by H, N or F, followed by 1 or 2, followed by 0 or 1#.

**AC motor drives, "22B Series"** Model(s) 22B, followed by E, followed by 1P7, 3P0, 4P2, 6P6, 9P9, 012 or 019, followed by H, N, F or C, followed by 1 or 2, followed by 0, followed by 4#.

**AC motor drives, "22C Series"** Model(s) 22C, followed by D, followed by 260, 310, 370, 460, followed by A, N, H or F, followed by 1 or 2, followed by 03#.

22C, followed by D, followed by 6P0, 010, 012, 017, 022, 030, 038, 045, 060, 072, 088, 105, 142, 170 or 208 followed by A, N, H or F, followed by 1 or 2#.

**AC motor drives, "22D Series"** Model(s) 22D, followed by E, followed by 1P7, 3P0, 4P2, 6P6, 9P9, 012 or 019, followed by H, N, F or C, followed by 1 or 2, followed by 0, followed by 4#.

**AC Motor Drives, "IED Series"** Model(s) IED, followed by 022, 037, 040, 055, 075, 110, 150, 185, 220, 300, 370, 450, 550, 750, followed by A or G, followed 2 or 4, followed 3 or 1, followed by numbers, alphabets or blank.

**AC motor drives, "MVX Series"** Model(s) MVX, followed by 0, following by 0 or 1, followed by 0, 1, 2, 3, 5 or 7, followed by A, followed by 0, followed by -2 or -4.

MVXF50A0-2

**AC Motor Drives, "VFD-C Series"** Model(s) Model VFD, followed by 4000, 4500, 5600 or 6300, followed by C, followed by 6, followed by 3, maybe followed by number or letters, and/or followed by additional suffix or blank.

**AC motor drives, "VFD-C Series"** Model(s) Model VFD, followed by 4500, followed by C, followed by 4, followed by 3, maybe followed by number or letters, and/or followed by additional suffix or blank.

VFD, followed by 007, 015, 022, 037, 040, 055, 075, 110, 150, 185, 220, 300, 370, 450, 550, 750, 900, 1100, followed by C or CP, followed 2 or 4, followed 3 or E. (d)

VFD1320C23##, VFD1320C43##, VFD1600C23##, VFD1600C43##, VFD1850C23##, VFD1850C43##, VFD2200C23##, VFD2200C43##, VFD2800C23##, VFD2800C43##, VFD3150C23##, VFD3150C43##, VFD3550C23##, VFD3550C43##, VFD900C23##, VFD900C43##

**AC motor drives, "VFD-CH Series"** Model(s) Model VFD, followed by 750, 1320, 1600, 1850, 2200, 2800, followed by CH, followed 2 or 4, followed 3 or EA, followed by number or letters, and/or followed by additional suffix.

VFD, followed by 007, 015, 022, 037, 040, 055, 075, 110, 150, 185, 220, 300, 370, 450, 550, 750, 900, 1100, followed by CH, followed 2 or 4, followed 3 or EA. (d)

**AC motor drives, "VFD-CP Series"** Model(s) Model VFD, followed by 5000, followed by CP, followed by 4, followed by 3, maybe followed by number or letters, and/or followed by additional suffixes or blank.

VFD, followed by 015, 022, 037, 040, 055, 075, 110, 150, 185, 220, 300, 370, 450, 550, 750, 900, 1100, or 1320 followed by C or CP, followed 2 or 4, followed 3 or E. (d)

VFD1320CP23##, VFD1320CP43##, VFD1600CP23##, VFD1600CP43##, VFD1850CP23##, VFD1850CP43##, VFD2200CP23##, VFD2200CP43##, VFD2800CP23##, VFD2800CP43##, VFD3150CP23##, VFD3150CP43##, VFD3550CP23##, VFD3550CP43##, VFD4000CP23##, VFD4000CP43##

**AC motor drives, "VFD-CT Series"** Model(s) VFD, followed by 110, 150, 185, 220, 300, 370, 450, 550, 750, 900, followed by CT, followed 43, followed by alpha numeric suffixes, and/or followed by numbers, alphabets or blank.

**AC motor drives, "VFD-DD"** Model(s) ASD followed by A2 or S, may be followed by R or x, followed by 07, 10, 15, 20, 30, 45 or 55, followed by 43, followed by -, followed by B or L or M or U or F.

**AC Motor Drives, "VFD-DD Series"** Model(s) VFD, followed by 002, 004, followed by 1, 2, 4 or 6, followed 1 or 3, followed by A, C, E, F, S, V, or T may be followed by alpha numeric suffixes, may be followed by Numbers or alphabets or blank.

**AC Motor Drives, "VFD-ED Series"** Model(s) VFD, followed by 022, 037, 040, 055, 075, 110, 150, 185, 220, 300, 370, 450, 550, 750, followed by ED, followed 2 or 4, followed 3 or 1, followed by numbers, alphabets or blank.

**AC motor drives, "VFD-F Series"** Model(s) VFD007F23#, VFD007F43#, VFD015F23#, VFD015F43#, VFD022F23#, VFD022F43#, VFD037F23#, VFD037F43#, VFD055F23#, VFD055F43#, VFD075F23#, VFD075F43#, VFD1100F43#, VFD110F23#, VFD110F43#, VFD1320F43#, VFD150F23#, VFD150F43#, VFD1600F43#, VFD1850F43#, VFD1850F43#, VFD185F23#, VFD185F43#, VFD2200F43#, VFD220F23#, VFD220F43#, VFD300F23#, VFD300F43#, VFD370F23#, VFD370F43#, VFD450F43#, VFD550F43#, VFD750F43#, VFD900F43#

**AC motor drives, "VFD-S Series"** Model(s) VFD, followed by 002, 004, 007, 015 or 022, followed by S, followed by 21, 23 or 43, followed by D or E. (a)

VFD022S21A# (a)

**AC motor drives, "VFD-VL-J Series"** Model(s) Model VFD, followed by 055, 075, 110, 150, 185, 220, 300, 370, 450, 550 or 750, followed by VL, followed by 23 or 43, followed by A or B, followed by J.

Model VFD, followed by 150, 185, 300, 450, 550 or 750, followed by VL, followed by 43, followed by B, followed by J.

**AC motor drives, "VFD-VL-xx Series"** Model(s) AC Motor Drives, VFD-VL-xx Series, Model VFD, followed by 150, 185, 300, 450, 550 or 750, followed by VL, followed by 43, followed by A or B, followed by xx(x may be any number 0~9), followed by G or H, followed by A or C.

Model VFD, followed by 110, 150, 185, 220, 300, 370, 550 or 750, followed by VL, followed by 23 or 43, followed by A or B, followed by xx(x may be any number 0~9), followed by G, H, Z or M, followed by A or C.

**AC Motor Drives** Model(s) AC Motor Drives, VFD-C Series, Model VFD, followed by 015, 022, 037, 055, 075, 110, 150, followed by C, followed by 5, followed by 3, followed by A, and/or followed by additional suffix.

**AC motor drives** Model(s) DDS8 Series, Models DDS8, f/b 004, 007, 015, 022, 037, 040, 055, 075, 110, 150, 185, 220, 300, may be f/b A or E, f/b T or K, may be f/b additional numbers or alphabets. DDS8 series is identical to VFD-C, CP or CB series.

VFD-CB Series, Model VFD, followed by 004, 007, 015, 022, 037, 040, 055, 075, 110, 150, 185, 220, 300, followed by CB, followed 2 or 4, followed 1 or 3 or E, followed by alpha numeric suffixes, and/or followed by numbers, alphabets or blank.

**AC motor drives, enclosed types, "VFD-A Series"** Model(s) VFD, followed by 110, 150, 185 or 220, followed by A, followed by 23 or 43, followed by A, H or P#.

**AC motor drives, enclosed types, "VFD-B Series"** Model(s) VFD007B21A#, VFD007B21B#, VFD007B23A#, VFD007B23B#, VFD007B43A#, VFD007B43B#, VFD015B21A#, VFD015B21B#, VFD015B23A#, VFD015B23B#, VFD015B43A#, VFD015B43B#, VFD022B21A#, VFD022B23A#, VFD022B23B#, VFD022B43A#, VFD022B43B#, VFD037B21A#, VFD037B23A#, VFD037B43A#, VFD037B43B#, VFD055B23A#, VFD055B43A#, VFD075B23A#, VFD075B43A#, VFD110B23A#, VFD110B43A#

**AC motor drives, enclosed types** Model(s) 911702 (a), 911703 (a), VFD007S11B# (a), VFD007S13B# (a), VFD007S21B# (a), VFD007S23B# (a), VFD007S41B# (a), VFD007S43B# (a), VFD015S11B# (a), VFD015S13B# (a), VFD015S21B# (a), VFD015S23B# (a), VFD015S41B# (a), VFD015S43B# (a), VFD022S11B# (a), VFD022S13B# (a), VFD022S21B# (a), VFD022S23B# (a), VFD022S41B# (a), VFD022S43B# (a), VFD150B23A#, VFD150B43A#, VFD185B23A#, VFD185B43A#, VFD220B23A#, VFD220B43A#

**AC motor drives, enclosed types 1** Model(s) GVX001A1-2, GVX001A1-4, GVX002A1-2, GVX002A1-4, GVX003A1-2, GVX003A1-4, GVX005A1-2, GVX005A1-4, GVX007A1-2, GVX007A1-4, GVX010A1-2, GVX010A1-4, GVX015A1-2, GVX015A1-4, GVX020A1-2, GVX020A1-4, GVX025A1-2, GVX025A1-4, GVX030A1-2, GVX030A1-4, GVX040A1-2, GVX040A1-4, GVX050A1-2, GVX050A1-4, GVX060A1-4, GVX075A1-4, GVX100A1-4, VFD007S11B# (a), VFD007S13B# (a), VFD007S21B# (a), VFD007S23B# (a), VFD007S41B# (a), VFD007S43B# (a), VFD015S11B# (a), VFD015S13B# (a), VFD015S21B# (a), VFD015S23B# (a), VFD015S41B# (a), VFD015S43B# (a), VFD022S11B# (a), VFD022S13B# (a), VFD022S21B# (a), VFD022S23B# (a), VFD022S41B# (a), VFD022S43B# (a)

**AC motor drives, open and enclosed types, "VFD-S Series"** Model(s) VFD, followed by 002, 004, or 007, followed by S, followed by 1, 2 or 4, followed by 1 or 3, followed by A or B#. (a)

**AC motor drives, open or enclosed types, "VFD-V Series"** Model(s) VFD550V43##, VFD750V43##

**AC motor drives, open types, "MVX Series"** Model(s) MVX001A0-1 (a), MVXF25A0-1 (a), MVXF50A0-1 (a)

**AC motor drives, open types, "VFD-L Series"** Model(s) VFD001L11A, VFD001L11B, VFD001L21A, VFD001L21B, VFD40WL11A, VFD40WL11B, VFD40WL21A, VFD40WL21B

**AC motor drives, open types, "VFD-M Series"** Model(s) 277000 (a), CC2051 (a)

VFD, followed by 004, 007 or 015 followed by M, followed by 2, followed by 1 or 3, followed by A, may be followed by A thru Z and/or 1 thru 9 or T and -Y or -Z. These models may be provided with a din rail adapter, P/N DR01 and a communications cable, P/N EG0610A, EG1010A, EG2010A, EG3010A or EG5010A. (a)

VFD002M11A (a), VFD004M11A (a), VFD004M21B# (a), VFD004M23B# (a), VFD004M43B# (a), VFD007M11A (a), VFD007M21B# (a), VFD007M23B# (a), VFD007M43B# (a), VFD015M21B# (a), VFD015M23B# (a), VFD015M43B# (a), VFD022M21B# (a), VFD022M23B# (a), VFD022M43B# (a)

**AC motor drives, open types** Model(s) CC2050 (a), VFD007S11A# (a), VFD007S13A# (a), VFD007S21A# (a), VFD007S23A# (a), VFD007S41A# (a), VFD007S43A# (a), VFD015S11A# (a), VFD015S13A# (a), VFD015S21A# (a), VFD015S23A# (a), VFD015S41A# (a), VFD015S43A# (a), VFD022S11A# (a), VFD022S13A# (a), VFD022S21A# (a), VFD022S23A# (a), VFD022S41A# (a), VFD022S43A# (a)

**AC motor drives, open types 1** Model(s) VFD007S11A# (a), VFD007S13A# (a), VFD007S21A# (a), VFD007S23A# (a), VFD007S41A# (a), VFD007S43A# (a), VFD015S11A# (a), VFD015S13A# (a), VFD015S21A# (a), VFD015S23A# (a), VFD015S41A# (a), VFD015S43A# (a), VFD022S11A# (a), VFD022S13A# (a), VFD022S21A# (a), VFD022S23A# (a), VFD022S41A# (a), VFD022S43A# (a)

**AC Motor Drives, TDN Series** Model(s) TDN, followed by 004, 007, 011, 015, 020, 026, 031 or 034, followed by E, followed by 1, followed by 10, followed by 0, followed by W, followed by M, may be followed by numbers, alphabets or blank.

**AC reactors** Model(s) AF-RC075A2, AF-RC075A4, AF-RC150A2, AF-RC150A4, AF-RC220A2, AF-RC220A4, AF-RC370A2, AF-RC370A4, AF-RC450A4, AF-RC750A4

**AC servo motor drives, "ASD and DAI Series"** Model(s) Model ASD or DAI1, followed by A2 or S, may be followed by R or x, followed by 01, 02, 04, 07, 10, 15, 20, 30, 45, 55 or 75, followed by 21, 23, or 43, followed by -, followed by BT, B, L, M, U, F, E or N, and may be followed by additional suffixes.

**AC servo motor drives, "ASD and DAI series"** Model(s) Model ASD or DAI1, followed by B2, may be followed by L or x, followed by 01, 02, 04, 07, 10, 15, 20, or 30 followed by 21 or 23, followed by B, L, M, F or U.

**AC servo motor drives, "ASD-A Series"** Model(s) ASD, followed by -A, followed by 01, 02, 04, 07, 10, 15, 20 or 30, followed by 21 or 23, followed by L or M, followed by -A.

**AC servo motor drives, "ASD-AB Series"** Model(s) ASD, followed by A, followed by 01, 02, 04, 07, 10, 15, 20, 30, 45, 55 or 75, followed by 21 or 23, followed by -AB, -B.

**AC servo motor drives, "ASD-B Series"** Model(s) ASD-B0121-A, ASD-B0123-A, ASD-B0421-A, ASD-B0423-A, ASD-B0721-A, ASD-B0723-A, ASD-B1021-A, ASD-B1023-A, ASD-B1521-A, ASD-B1523-A, ASD-B2021-A, ASD-B2023-A

**AC servo motor drives, "LXM Series"** Model(s) LXM followed by 23, followed by A or D, followed U, followed by 01, 02, 04, 07, 10, 15, 20, 30, 45, 55, and 75 followed by M3X

**AC variable frequency motor drives, "DTR Series"** Model(s) DTR, followed by 007, 015 or 022, followed by S, followed by 21 or 43, followed by U, followed by a numeric, followed by additional suffixes, may be followed by X.

**AC variable frequency motor drives, "GS2 Series"** Model(s) GS210P2, GS210P5, GS211P0

**AC variable frequency motor drives, "GVX Series"** Model(s) GVX001A15#, GVX002A15#, GVX003A15#, GVX005A15#, GVX007A15#, GVX010A15#, GVX015A15#, GVX150B53A#, GVX185B53A#, GVX220B53A#, GVX300B53A#, GVX370B53A#, GVX450B53A#, GVX550B53A#, GVX750B53A#

**AC variable frequency motor drives, "VFD Series"** Model(s) VFD, followed by 002, 004, 007, 015, 022 or 037, followed by E, followed by 21, 23 or 43, followed by A-Z or 0-9 #. (c)

VFD, followed by 015 or 022, followed by S, followed by 21 or 43, followed by U, may followed by additional suffixes, may be followed by X.

VFD015B53A#, VFD022B53A#, VFD037B53A#, VFD055B53A#, VFD075B53A#, VFD110B53A#

**AC variable frequency motor drives, "VFD-B Series"** Model(s) VFD007B53A#, VFD150B53A#, VFD185B53A#, VFD220B53A#, VFD300B53A#, VFD370B53A#, VFD450B53A#, VFD550B53A#, VFD750B53A#

**AC variable frequency motor drives, "VFD-S Series"** Model(s) VFD, followed by 02, 04, 07 or 15, followed by SA, SB or SC, followed by 11, 21 or 23, followed by A#. (a)

**AC variable frequency motor drives, enclosed types, "VFD Series"** Model(s) VFD-C series, Model VFD, followed by 2500, 3150, 4000, 4500, or 5600, followed by C, followed by 6, followed by 3, maybe followed by number or letters, and/or followed by additional suffix.

**AC variable frequency motor drives, open types, "22F Series"** Model(s) 22F, followed by V, A, B or D, followed by 1P5, 1P6, 2P5, 4P2, 4P5, 6P0, 8P0, 8P7, 011, 012, 013, 017, 018, 024, 025 or 033, followed by N, followed by 1, followed by 0 or 1, followed by 3 or 4.

**AC variable frequency motor drives, open types, "DDS8 (VFD-C. CP PR CB) Series"** Model(s) DDS8, f/b 007, 015, 022, 037, 040, 055, 075, 110, 150, 185, 220, 300, 370, 450, 550, 750, 900 or 1100, may be f/b A or E, f/b T or K, may be f/b additional numbers or alphabets.

**AC variable frequency motor drives, open types, "GS2 Series"** Model(s) GS2007M53A, GS2015M53A, GS2022M53A, GS2037M53A, GS2055M53A, GS2075M53A

**AC variable frequency motor drives, open types, "MVX Series"** Model(s) MVX001A0-5 (a), MVX002A0-5 (a), MVX003A0-5 (a), MVX005A0-5 (a), MVX007A0-5 (a), MVX010A0-5 (a)

**AC variable frequency motor drives, open types, "VFD Series"** Model(s) VFD002EL11##, VFD002EL21##, VFD002EL23##, VFD002EL43##, VFD004EL11##, VFD004EL21##, VFD004EL23##, VFD004EL43##, VFD007EL11##, VFD007EL21##, VFD007EL23##, VFD007EL43##, VFD015EL11##, VFD015EL21##, VFD015EL23##, VFD015EL43##, VFD022EL11##, VFD022EL21##, VFD022EL23##, VFD022EL43##, VFD037EL11##, VFD037EL21##, VFD037EL23##, VFD037EL43##

**AC variable frequency motor drives, open types, "VFD-E Series"** Model(s) VFD, followed by 002, 004, 007, 055, 075, 110, 150, 185 or 220, followed by E, followed by 11, 23 or 43, followed by A-Z or 0-9 #.

**AC variable frequency motor drives, open types, "VFD-M Series"** Model(s) VFD007M53A# (a), VFD015M53A# (a), VFD022M53A# (a), VFD037M53A# (a), VFD055M53A# (a), VFD075M53A# (a)

**AC variable frequency motor drives, open types, "VRD Series"** Model(s) VRD002EL21##, VRD002EL23##, VRD002EL43##, VRD004EL21##, VRD004EL23##, VRD004EL43##, VRD007EL21##, VRD007EL23##, VRD007EL43##, VRD015EL21##, VRD015EL23##, VRD015EL43##, VRD022EL21##, VRD022EL23##, VRD022EL43##, VRD037EL21##, VRD037EL23##, VRD037EL43##

**AC variable frequency motor drives, open types** Model(s) BLD006E143H, DDJ1000A

**Accessory Model(s)** Communication Assessor Device, For VFD-VL series: Model EMVL-PGABL, EMVL-PGABO, EMVL-PGH01, EMVL-PGS01, IFD8500, IFD8510, IFD8520, IFD9506, IFD9506-T, IFD9507, IFD9503, IFD9502, IFD6500, IFD6503, IFD6601 or IFD5506.

Communication Assessor Device, For VFD-xx series: Model EMVJ-PG02R

**Accessory AC Line Filter Model(s)** REG Filters, Models RG series, followed by -, followed by EF, 110, 150, 220, 300, 370 or 550, followed by A, followed by 2 or 4, may be followed by additional suffixes.

**Accessory device Model(s)** GS2(3)-KPD.

**Accessory Open type, "AC Line filters, VFD series"** Model(s) VFD-C series Filters, Models EMF series, followed by 008, 011, 014, 018, 021, 023, 027, 029, 033, 035, 039 or 056, followed by -, followed by A, followed by 21, 23, 43 or 63, may be followed by additional suffixes.

**Accessory Open type, "VFD Series"** Model(s) KPC-CC\*\*\*\*, KPC-CE\*\*\*\*, EMC-R6A#, EMC-R4C#, EMC-D42#, EMC-D611#, EMC-D622#, EMC-A22#, EMC-PG\*\*\*\*#, CMC-MOD\*\*\*\*, CMC-EIP\*\*\*\*, CMC-DN\*\*\*\*, CMC-PD\*\*\*\*, CMC-ETC\*\*\*\*, CMC-BAC\*\*\*\*, EMC-COP\*\*\*\*, CMC-MOD01, CMC-EIP01, CMC-PD01, CMC-DN01,

**Accessory Open type Model(s)** Accessory communication module model: **PCI-L221-B1DO, PCI-L221-P1DO, PCI-DMC-A01, PCI-DMC-B01, PCI-DMCX-B01, DAI1DMC-B01, IFD6501, ASD-DMC-GA01, ASD-DMC-RM32MN, ASD-DMC-RM32NT, ASD-DMC-RM64MN, ASD-DMC-RM64NT, ASD-DMC-RM04PI, ASD-DMC-GE16MN, ASD-DMC-GE16NT, ASD-DMC-GE04AD, ASD-DMC-GE04DA, ASD-DMC-GE01PI, ASD-DMC-GE01PG, ASD-DMC-RM04AD, ASD-DMC-RM04DA, and ASD-DMC-RM32PT.**

**Accessory Open type Zero Phase Core Model(s)** Models RF series, followed by 002, 004, 008 or 300, followed by A to Z or 0 to 9, followed by 00-99, may be followed by additional suffixes or blank

**Accessory Type 1 Kit Model(s)** Model 22-, followed by JBA, followed by A, B or C, may followed by a numeric.

**Active front ends, "AFE-A Series"** Model(s) AFE007A43A, AFE075A23A, AFE075A23E, AFE075A43E, AFE150A23A, AFE150A23E, AFE150A43A, AFE150A43E, AFE220A23A, AFE220A23E, AFE220A43A, AFE220A43E, AFE370A23A, AFE370A23E, AFE370A43A, AFE370A43E, AFE450A23A, AFE450A23E, AFE450A43A, AFE450A43E, AFE750A23A, AFE750A23E, AFE750A43A, AFE750A43E

**Communication Accessory Device Model(s)** 25-COMM-, followed by D, C, P or E2P, followed by additional suffix.

25-EMC1-F, followed by A, B, C, D or E, followed by additional suffix or blank.

25-ENC-1, 25-ENC-2, 25-FAN2-70C

25-JBA, followed by A, B, C, D or E followed by additional suffix or blank.

MKCB-A0FKM, MKCB-AFKM1, MKCB-AFKM2, MKCB-HUB01, MKCB-A0N1, MKCB-AN1

**Communication Accessory device Model(s)** Model EMVJ-PG02R

Model EMVL-PGABL, EMVL-PGABO, EMVL-PGH01, EMVL-PGS01, IFD8500, IFD8510, IFD8520, IFD9506, IFD9606-T, IFD9507, IFD9503, IFD9502, IFD6500, IFD6503, IFD6601, IFD5506

Model EMED-PGAB, EMED-PGABD-1, EMED-PGHSD-1, EMED-PGHSD-2

**Communication accessory devices Model(s)** KPC-CC\*\*\*\*

**Control module devices Model(s)** 25A-CTM, followed by additional suffixes or blank

25B-CTM, followed by additional suffix or blank.

**Enclosed types, "VFD-B Series"** Model(s) VFD022B21C, VFD075B43B, VFD300B23A, VFD300B43A, VFD370B23A, VFD370B43A, VFD450B43A#, VFD450B43C#, VFD550B43A#, VFD550B43C#, VFD750B43A#, VFD750B43C#

**Enclosed types 1, "VFD-B Series"** Model(s) VFD037B23C, VFD037B43C, VFD055B23B, VFD055B43B

**Enclosed, AC Drive, "NG3 series"** Model(s) 25C, followed by V, A, B, D or E followed by 0P9,1P4, 1P7,2P3, 2P5, 3P0, 4P0, 4P2, 4P8,5P0, 6P0, 6P6, 8P0,9P9, 010, 011,012, 013, 017, 019, 022, 024, 027,030, 032,037, 043, 048 or 062, followed by N, followed by 1, followed by 0 or 1, followed by 4, followed by additional suffix.

**Enclosed, AC Drive Model(s)** VFD-CT Series, Model VFD, followed by 110, 150, 185, 220, 300, 370, 450, 550, followed by CT, followed 43, followed by alpha numeric suffixes, and/or followed by numbers, alphabets or blank

**Enclosed, Inverter (AC-DC) Model(s)** DPD Series, Models DPD, followed by 003, 004, 006, 009, 010, 012, 018, 024, 032, 038, 045, 060, 073, 091, 110, 150, 180, 220, followed by T, followed by 4, followed by 3 OR E, followed by additional numbers or alphabets, and/or followed by additional suffixes.

DPD Series, Models DPD, followed by 003, 3P7, 4P2, 005, 5P5, 7P5, 8P5, 010, 012, 013, 014, 018, 022, 024, 030, 032, 036, 038, 045, 056, 060, 072, 073, 091, 110, 144, 150, 180, 220, 246, 260, followed by K, followed by 4, followed by 3 or E, followed by additional numbers or alphabets, and/or followed by additional suffixes.

DPD Series, Models DPD, followed by 260, 310, 343, 370, 460, 530, 550, 616, 683, 770, followed by T or K, followed by 4, followed by 3, followed by additional numbers or alphabets, and/or followed by additional suffixes.

**Encoder Board Model(s)** ASD-PBSC2626

**Mounting Adaptor Plate Model(s)** 25-MAP-FA, 25MAP-FB

**Open or enclosed types, "22A Series"** Model(s) 22A, followed by V, A, B or D, followed by 0, 1, 2, 4, 6 or 8, followed by P or 1, followed by 0, 2, 3, 4, 5 or 7, followed by N, H or F, followed by 1 or 2, followed by 04 or 14.

**Open or enclosed types, "22B Series"** Model(s) 22B, followed by V, A, B or D, followed by 0, 1, 2, 4, 6 or 8, followed by P, 1, 2 or 3, followed by 0, 2, 3, 4 or 7, followed by N, H, F or C, followed by 1 or 2, followed by 04 or 14#.

**Open or enclosed types, "22D Series"** Model(s) 22D, followed by B or D, followed by 0, 1, 2, 4 or 6, followed by P, 1, 2 or 3, followed by 0, 2, 3, 4 or 7, followed by N, H, F or C, followed by 1 or 2, followed by 04 or 14#.

**Open or enclosed types, "CAI Series"** Model(s) CAI-40C, CAI-90C

**Open or enclosed types, "DTR Series"** Model(s) DTR, followed by 007, 015, 022, followed by S, followed by 1 or 2, followed by 1, followed by A, followed by a numeric#.

DTR, followed by 015, followed by S, followed by 21, followed by A3 or B3, followed by a numeric, followed by suffixes, may be followed by X.

**Open or enclosed types, "GS1 Series"** Model(s) GS1-10P2, GS1-10P5, GS1-11P0, GS1-12P0, GS1-20P2, GS1-20P5, GS1-21P0, GS1-22P0

**Open or enclosed types, "GS2 Series"** Model(s) GS2-4010

**Open or enclosed types, "VFD Series"** Model(s) VFD037M23A## (a), VFD037M43A## (a), VFD055M23A## (a), VFD055M43A## (a)

**Open or enclosed types, "VFD-L Series"** Model(s) VFD, followed by 00, followed by 2, 4 or 7, followed by L, followed by 11 or 21, followed by A, B, D or E#.

**Open or enclosed types, "VFD-M Series"** Model(s) VFD022M21A## (a), VFD075M43A (a)

**Open or enclosed types, "VFD-V Series"** Model(s) VFD007V23##, VFD007V43##, VFD015V23##, VFD015V43##, VFD022V23##, VFD022V43##, VFD037V23##, VFD037V43##, VFD055V23##, VFD055V43##, VFD075V23##, VFD075V43##, VFD110V23##, VFD110V43##, VFD150V43##, VFD185V23##, VFD185V43##, VFD220V23##, VFD220V43##, VFD300V23##, VFD300V43##, VFD370V23##, VFD370V43##, VFD450V23##, VFD450V43##

**Open or enclosed types, "VFD-VL Series"** Model(s) Model VFD, followed by 055, 075, 110, 150, 185, 220, 300, 370, 450, 550, 750 followed by VL or VJ, followed 23 or 43, followed by additional alphanumeric suffixes

**Open type, AC Drive** Model(s) D342604P01, VFD001111A, or D342884G, may be followed by any alphanumeric suffixes

IED Series, Model IED, followed by 022, 055, 075, 110, 150, 185, 220, 300, 370, 450, 550, 750, followed by S, followed 2 or 4, followed 3 or 1, followed by numbers, alphabets or blank.

**Open types, "VFD Series"** Model(s) VFD, followed by -007, -015, -022, -037, -055 or -075, followed by A, followed by 21, 23 or 43, followed by A, B, F, H, M or P, may be followed by an alphanumeric. These models may be provided with a din rail adapter, P/N DR01 and a communications cable, P/N EG0610A, EG1010A, EG2010A, EG3010A or EG5010A.

**Power Conversion Equipment, AC Servo Motor Drives, "ASD"** Model(s) M, may be followed by L, followed by 01, 02, 04, 07, 10, 15, 20, or 30 followed by 21 or 23, followed L, M, F, N or R.

**Power module devices** Model(s) Model 25-, followed by PM1 or PM2, followed by A, B, D, E and V, followed by 0P9,1P4,1P6,1P7,2P3, 2P5, 3P0, 4P0, 4P2, 4P8,5P0, 6P0, 6P6, 8P0,9P9, 010, 011,012, 013, 017, 019, 022, 024, 027,030, 032,037, 043, 048 or 062, followed by additional suffixes or blank.

**Regeneration Braking Unit, "Reg-A"** Model(s) Reg (&)

Model(s) FSD, Models FSD followed by A2 or E2 followed by 001, 004, 007, 010, 020 or 030 followed by 2 or 23 maybe followed by XXX or blank, where X may be any alphanumeric character or blank

Model(s) JSD, Models JSD, followed by A or AP followed by 10, 15, 20, 25, 30, 35, 50, 75, 100, 150, 200, 300 followed by A or A1, A3, or B maybe followed by C or blank, maybe followed by XXX or blank, where X may be any alphanumeric character or blank.

Model(s) JSD, Models JSD, followed by E or EP followed by 10, 15, 20, 30, 50, or 75A, followed by A, A3 maybe followed by XXX or blank, where X may be any alphanumeric character or blank.

Model(s) JSD, Models JSD, followed by L followed by 15, 20 or 30 followed by A1, followed by P or V, maybe followed by XXX or blank, where X may be any alphanumeric character or blank.

Model(s) JSD, Models JSD, followed by M followed by 22, 32, or 33 followed by A or A3, followed by D or blank, maybe followed by XXX or blank, where X may be any alphanumeric character or blank.

Model(s) JSD, Models JSD, followed by N followed by 10, 15, 20, 25, 30, 35, 50, 75, 100, 150, 200, 300 followed by A or A1, A3, or B maybe followed by C or blank, maybe followed by XXX or blank, where X may be any alphanumeric character or blank.

Model(s) TA8480, Models TA8480 followed by N0000, N0100, N0200, N0300, N0500, N0700, N1000, N1500, N2000 or N3000 maybe followed by XXX or blank, where X may be any alphanumeric character or blank.

Model(s) TA8481, Models TA8481 followed by N0000, N0100, N0200, N0300, N0500, or N0700, maybe followed by XXX or blank, where X may be any alphanumeric character or blank

Model(s) TST, Models TST, followed by A or AP followed by 10, 15, 20, 25, 30, 35, 50, 75, 100, 150, 200, 300 followed by C, or D, maybe followed by C or blank, maybe followed by XXX or blank, where X may be any alphanumeric character or blank.

Model(s) TST, Models TST, followed by E or EP followed by 10, 15, 20, 30, 50, or 75A, followed by C, D maybe followed by XXX or blank, where X may be any alphanumeric character or blank.

Model(s) TST, Models TST, followed by M followed by 22, 32 followed by C or D, followed by D or blank maybe followed by XXX or blank, where X may be any alphanumeric character or blank.

#### Investigated to UL 61800-5-1

**Accessory Conduit box kit, MKM-CBD, MKM-CBE, MKM-CBF, "VFD-MH300 and VFD-MS300 Series"** Model(s) Type 1 Conduit box kit, MKM-CBD, MKM-CBE, MKM-CBF.

**Accessory Enclosed Enclosed Conduit box kit,, "VFD-MH300 and VFD-MS300 Series"** Model(s) Conduit box kit, MKM-CBA0, MKM-CBA, MKM-CBB, MKM-CBC.

**Accessory Open type** Model(s) Back Plate Kit: MKM-EBD, MKM-EBE, MKM-EBF, Back Plate Kit: MKM-EPA, MKM-EPB, MKM-EPC, DIN Rail Kit: MKM-DRB, MKM-DRC, Keypad: KPMS-LE01, KPMH-LC01, Mounting Adapter Kit: MKM-MAPB, MKM-MAPC

Option cards: CMM-DN01, CMM-COP01, CMM-EIP01, CMM-MOD01, CMM-PD01, CMM-EC01,

**Enclosed, AC Drive, "VFD-FP series"** Model(s) VFD-FP series , Models VFD series, followed by 007,015,022,037,040,055,075,110,150,185,220,300,370,450,550,750,900 followed by FP, followed by 23, 43 or 4E, followed by A, or P followed by 0,1, 2 or 5, followed by 0, 1 or 2, followed by alphabets, numbers or blank.

**Open type, AC Drive, "VFD-MH300 and VFD-MS300 Series"** Model(s) Models VFD series, followed by 13A, 17A, 25A, 32A, 33A, 38A , 45A, 49A, or 65A followed by 11, 21, 23 or 43, followed by A, followed by N, or F , followed by N, or S, may be followed by H, followed by alphabets or numbers.

Models VFD series, followed by 1A5, 1A6, 2A5, 2A8, 3A0, 4A2, 4A8, 5A0, 5A7, 7A5, 9A0, 11A, 13A, 17A, 18A, 25A, 32A, 33A, 38A , 45A, or 49A, followed by MH or, MS, followed by 11, 21, 23 or 43, followed by A, or E followed by N, or F , followed by N, or S, may be followed by H, followed by alphabets or numbers.

# - Optional alphanumeric(s).

& - followed by 075, 110, 150, 185, 220, 300, 370, 450 or 550 followed by A, followed 2 or 4, followed 3, followed by alpha numeric suffixes, and/or followed by numbers, alphabets or blank.

(a) - For use with accessory communication modules DN-02, LN-01 or PD-01.

(c) - For use with control interface card CME-DN01, CME-PD01, CME-LW01, CME-COP01, EME-D33A, EME-R2CA, EME-R3AA, EME-PG01, CME-USB01 or EME-A22A and control key pad KPE-LE0X.

(d) - Followed by alpha numeric suffixes, and/or followed by numbers, alphabets or blank.

(e) - followed by 185, 220, 300, 370, 450, 550, 750, 900, 1100, 1320, 1600, 2000, followed by C, followed by 6, followed by 3, followed by number or letters, and/or followed by additional suffix

\* - Any number

Last Updated on 2016-11-03

---

[Questions?](#)

[Print this page](#)

[Terms of Use](#)

[Page Top](#)

◆ 2016 UL LLC

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2016 UL LLC".