

# NMMS.E176972 - POWER CONVERSION EQUIPMENT

## Power Conversion Equipment

See General Information for Power Conversion Equipment

### DELTA ELECTRONICS INC

E176972

31-1 SHIEN PAN RD  
KUEI SAN INDUSTRIAL ZONE  
TAOYUAN CITY, 333 TAIWAN

### Investigated to ANSI/UL 508C

**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 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) *AF-LC075A2, AF-LC075A4, AF-LC150A2, AF-LC150A4, AF-LC220A2, AF-LC220A4, AF-LC370A2, AF-LC370A4, AF-LC450A4, 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** Model(s) *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, "VFD-CP Series"** Model(s) *VFD followed by 015, 022, 037, 055, 075, 110, 150, followed by CP, followed by 5, followed by 3, followed by A, and/or followed by additional suffix.*

*VFD, followed by 4000, 4500, 5600 or 6300, followed by CP, followed by 6, followed by 3, followed by A, maybe followed by number or letters, and/or followed by additional suffix or blank.*

**AC Motor Drive** Model(s) *ASD-A3 series followed by A3, followed by 01, 02, 04, followed by 21, followed by alphabets or numbers*

*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, "VFD-CP Series"** Model(s) VFD followed by 185, 220, 300, 370, 450, 550, 750, 900, 1100, 1320, 1600, 2000, 2500 or 3150, followed by CP, followed by 6, followed by 3, followed by A, and/or followed by additional suffix.

**AC Motor Drive, open type or enclosed type** Model(s) 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-D010 followed by A, N, H or F, followed by 1 or 2#

22C-D012 followed by A, N, H or F, followed by 1 or 2#

22C-D017 followed by A, N, H or F, followed by 1 or 2#

22C-D022 followed by A, N, H or F, followed by 1 or 2#

22C-D030 followed by A, N, H or F, followed by 1 or 2#

22C-D038 followed by A, N, H or F, followed by 1 or 2#

22C-D045 followed by A, N, H or F, followed by 1 or 2#

22C-D060 followed by A, N, H or F, followed by 1 or 2#

22C-D072 followed by A, N, H or F, followed by 1 or 2#

22C-D088 followed by A, N, H or F, followed by 1 or 2#

22C-D105 followed by A, N, H or F, followed by 1 or 2#

22C-D142 followed by A, N, H or F, followed by 1 or 2#

22C-D170 followed by A, N, H or F, followed by 1 or 2#

22C-D208 followed by A, N, H or F, followed by 1 or 2#

22C-D6P0 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) 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.

*VFD followed by 4000, 4500, 5600 or 6300, followed by C, followed by 6, followed by 3, followed by B, maybe followed by number or letters, and/or followed by additional suffix or blank.*

**AC motor drives, "VFD-C Series"** Model(s) VFD1320C23##, VFD1320C43##, VFD1600C23##, VFD1600C43##, VFD1850C23##, VFD1850C43##, VFD2200C23##, VFD2200C43##, VFD2800C23##, VFD2800C43##, VFD3150C23##, VFD3150C43##, VFD3550C23##, VFD3550C43##, VFD900C23##, VFD900C43##

**AC motor drives, "VFD-C/CP Series"** Model(s) 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)

**AC motor drives, "VFD-CH Series"** Model(s) 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)

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.

**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#, VFD110F43#, VFD110F23#, VFD110F43#, VFD1320F43#, VFD150F23#, VFD150F43#, VFD1600F43#, 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) 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

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) 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

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.

**AC motor drives** Model(s) 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 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#, 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) ASD 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) ASD 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 B, L, M, F or U.

**AC servo motor drives, "ASD and DAI Series"** Model(s) 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) 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 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##, VFD004EL11##, VFD004EL21##, VFD004EL23##, VFD004EL43##, VFD007EL11##, VFD007EL21##, VFD007EL23##, VFD007EL43##, VFD015EL21##, VFD015EL23##, VFD015EL43##, VFD022EL21##, VFD022EL23##, VFD022EL43##, 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) EMVJ-PG02R, IFD8500, IFD8500-A, IFD8510-A

**Accessory AC Line Filter** Model(s) 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) 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** Model(s) ASD-DMC-GA01, ASD-DMC-GE01PG, ASD-DMC-GE01PI, ASD-DMC-GE04AD, ASD-DMC-GE04DA, ASD-DMC-GE16MN, ASD-DMC-GE16NT, ASD-DMC-RM04AD, ASD-DMC-RM04DA, ASD-DMC-RM04PI, ASD-DMC-RM32MN, ASD-DMC-RM32NT, ASD-DMC-RM32PT, ASD-DMC-RM64MN, ASD-DMC-RM64NT, DAI1DMC-B01, IFD6501, PCI-

*DMC-A01, PCI-DMC-B01, PCI-DMCX-B01, PCI-L221-B1DO, PCI-L221-P1DO*

**Accessory Open type Zero Phase Core** Model(s) *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) *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, AFE075A43A, 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) *, IFD8500*

**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.*

**Communication Accessory device** Model(s) *EMED-PGAB, EMED-PGABD-1, EMED-PGHSD-1, EMED-PGHSD-2, EMVL-PGABL, EMVL-PGABO, EMVL-PGH01, EMVL-PGS01, IFD5506, IFD6500, IFD6503, IFD6601, IFD8510, IFD8520, IFD9502, IFD9503, IFD9506, IFD9506-T, IFD9507*

**Communication Accessory Device** Model(s) *MKCB-A0FKM, MKCB-A0N1, MKCB-AFKM1, MKCB-AN1, MKCB-HUB01*

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

**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 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*

*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 followed by 11, 41, or 52 followed by alphabets, numbers or blank*

**Enclosed, DC Drive, "Reg-F"** Model(s) *Reg followed by 075, 110, 150, 185, 220, 300, 370, 450 or 550 followed by F, followed 2 or 4, followed 3, followed by alpha numeric suffixes, and/or followed by numbers, alphabets or blank.*

**Enclosed, Inverter (AC-DC), "DPD-K Series"** Model(s) *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.*

**Enclosed, Inverter (AC-DC)** Model(s) *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 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#.

*DTR015S21A3 followed by a numeric, followed by suffixes, may be followed by X*

*DTR015S21B3 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) 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 may be followed by any alphanumeric suffixes

*D342884G may be followed by any alphanumeric suffixes*

*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.*

*VFD001I11A may be followed by any alphanumeric suffixes*

**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 a 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) 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 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.

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 ANSI/UL 61800-5-1 (1st ed. Rev: 2017-02-24)

**AC Motor Drive** Model(s) *VFD-MS300-575V series Models VFD, followed by 1A7, 3A0, 4A2, 6A6, 9A9, 12A, followed by MS, followed by 53, followed by A, followed by N, followed by S, followed by A or Blank, followed by alphabets or numbers or blank.*

**Power Conversion Equipment** Model(s) *VFD-MS300-D series Models VFD, followed by 4A8, 7A5, 11A, 17A, 25A, followed by MS, followed by 11 or 23, followed by A, followed by N, followed by S, followed by D, may be followed by alphabets or numbers.*

*VFD-MS300-NEMA4X series Models VFD, followed by 1A5, 2A7, 2A8, 4A2, 4A8, 5A5, 7A5, 9A0, 11A, 13A, 17A, 25A, followed by MS, followed by 21, 23 or 43, followed by M, followed by N or F, followed by N or S, may be followed by H, A or Blank, followed by alphabets or numbers.*

**Power Conversion Equipment, Accessory** Model(s) *EMC Plate MKMX-EPA, MKMX-EPB, MKMX-EPC, Fan Kit MKMX-FKMB, MKMX-FKMC, Main Switch Kit MKMX-SWA, MKMX-SWB, MKMX-SWC*

*option cards CMM-DN01, CMM-COP01, CMM-EIP01, CMM-MOD01, CMM-PD01, CMM-EC01, CMM-DMC01*

## Investigated to UL 61800-5-1

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

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

**Accessory Open type** Model(s) *, CMM-PD01, Back Plate Kit: MKM-EBD, MKM-EBE, MKM-EBF, Back Plate Kit: MKM-EPA, MKM-EPB, MKM-EPC, CMM-COP01, CMM-DN01, CMM-EC01, CMM-EIP01, CMM-MOD01, DIN Rail Kit: MKM-DRB, MKM-DRC, Keypad: KPMS-LE01, KPMH-LC01, Mounting Adapter Kit: MKM-MAPB, MKM-MAPC*

**Enclosed, AC Drive, "VFD-FP series"** Model(s) *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 Q followed by 11, 41, or 52 followed by alphabets, numbers or blank.*

**Open type, AC Drive, "VFD-MH300 and VFD-MS300 Series"** Model(s) *VFD series followed by 1A5, 1A6, 2A5, 2A7, 2A8, 3A0, 4A2, 4A8, 5A0, 5A5, 5A7, 7A3, 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 or A, followed by alphabets or numbers.*

**Power Conversion Equipment, "ASD-A3"** Model(s) *ASD-A3 followed by 01, 02, 04, 07, 10, 15, 20 or 30, followed by 21, or 23, followed by alphabets or numbers.*

**Power Conversion Equipment, "VFD-ME300"** Model(s) *EMM-SAF01, MKM-EPA, MKM-EPB, MKM-EPC, MKM-EPD, MKME-CBA, MKME-CBA0, MKME-CBB, MKME-CBC, MKME-CBD*

*VFD followed by 0A8, 1A6, 2A5, or 4A8, followed by ME, followed by 11, followed by A, or E followed by N, or F, followed by N, or S, may be followed by H, A, or blank, and may be followed by alphanumeric suffix.*

*VFD followed by 0A8, 1A6, 7A5, 2A8, 4A8, or 11A, followed by ME, followed by 21, followed by A, or E followed by N, or F, followed by N, or S, may be followed by H, A, or blank, and may be followed by alphanumeric suffix.*

VFD followed by 0A8,1A6,7A5,2A8,4A8,11A,17A, or 25A followed by ME, followed by 23, followed by A, or E followed by N, or F, followed by N, or S, may be followed by H, A, or blank, and may be followed by alphanumeric suffix.

VFD followed by 4A2,1A5, 2A7, 5A5, 7A3, 9A0,13A,17A, or 25A followed by ME, followed by 43, followed by A, or E followed by N, or F, followed by N, or S, may be followed by H, A, or blank, and may be followed by alphanumeric suffix.

**Power Conversion Equipment** Model(s) ASD-MS followed by 07, followed by 21, followed by alphabets or numbers.

ASD-MS, followed by 04, 07, followed by 21 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 2019-02-20

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