

NMMS7.E176972 - POWER CONVERSION EQUIPMENT CERTIFIED FOR CANADA

Power Conversion Equipment Certified for Canada

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

E176972

Investigated to CAN/CSA C22.2 No. 14-13

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, "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.

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.

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-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 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.

Communication Accessory device Model(s) Model EMVJ-PG02R

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

Encoder Board Model(s) ASD-PBSC2626

Investigated to CAN/CSA C22.2 No. 274

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 or 3, 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 or 3, 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.

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 blank.

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 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 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) 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-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#, 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 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-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 11 or 21 or 23, followed by -AB, -B, -ABS

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 be 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) 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 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 device Model(s) GS2(3)-KPD.

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

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) , CMM-PD01, 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, 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, DAI1DMC-B01, DIN Rail Kit: MKM-DRB, MKM-DRC, IFD6501, Keypad: KPMS-LE01, KPMH-LC01, Mounting Adapter Kit: MKM-MAPB, MKM-MAPC, 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 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, "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.

Enclosed, AC Drive 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 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 E or E1, followed by additional numbers or alphabets, and/or followed by additional suffixes.

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, "VFD-MH300 and VFD-MS300 Series" Model(s) VFD series followed by 1A5, 1A6, 2A7, 3A0, 4A2, 4A8, 5A0, 5A5, 5A7, 7A3, 7A5, 9A0, 11A, 13A, or 17A, 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.

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.

VFD001111A 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, "2198" Model(s) 2198 followed by, E1, followed by 004, 007, 015, or 020 followed by ERS, and may followed by alphabets or numbers.

Series 2198 followed by, E2, followed by 030, 055, 075 or 150 followed by ERS, and may 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, "ASD-B3" Model(s) ASD- B3 followed by A or B, followed by 20 or 30, followed by 23, may be followed by letters or numbers.

ASD-B3 followed by A or B, followed by 01, 02, 04, 07, 10, or 15, followed by 21, or 23, may be followed by letters or numbers.

Power Conversion Equipment, "VFD-C series 2010-02-17" Model(s) Model VFD - C followed by 1320, 1600, 1850, 2200, 2800, 3150, 3550, followed by C, followed by 43, followed by A, and followed by HS.

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 alphabets.

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 alphabets.

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 alphabets.

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 alphabets.

Power Conversion Equipment, "VFD-MH300 and VFD-MS300 Seres" Model(s) MKM-EPE, MKM-EPF

Power Conversion Equipment, "VFD-MH300 and VFD-MS300 series" Model(s) EMM-BPS01

Models VFD series, followed by 1A5, 1A6, 2A7,, 3A0, 4A2, 4A8, 5A0, 5A5, 5A7, 7A3, 7A5, 9A0, 11A, 13A, 17A, 38A, or 45A, 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 2.

Power Conversion Equipment, "VFD-MS300-575V series." Model(s) 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 2.

Power Conversion Equipment, "VFD-MS300-NEMA4X series" Model(s) 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 2.

Power Conversion Equipment Model(s) 2198-E2030-ERS, 2198-E2055-ERS, 2198-E2075-ERS, 2198-E2150-ERS

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

Models 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 followed by 2.

Models 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 followed by 2.

Models 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 followed by 2.

Models 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 followed by 2.

Models VFD series, followed by 13A, 17A, 25A, 32A, 33A, 38A, 45A, 49A, or 65A followed by MH, MS, 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, A, F or L, followed by 2.

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, may be followed by alphabets.

VFD-VJ-xx Series Model VFD, followed by 110, 150, 185, 220, 300, 370, 450, 550 or 750, followed by VJ, followed by 43, followed by C, followed by xx, where x may be any number 0~9, followed by H, M, or Z, followed by C, E, F or H. Accessory - Control Board Accessory device, cat. no. EMVJ-PLS01

VFD-VL-J Series Model VFD, followed by 110, 150, 185, 220, 300, 370, 450, 550 or 750, followed by VL, followed by 43, followed by C, followed by -J

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 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

Power conversion equipment Model(s) Models VFD followed by 13A, 17A, 25A, 32A, 33A, 38A, 45A, 49A, or 65A followed by MH, MS, 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, A, F or L, followed by alphabets.

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.

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Accessory Model(s) EMVJ-PG02R

- 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

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