

## UL PRODUCT CATEGORY

### Programmable Controllers

See General Information for Programmable Controllers

**DELTA ELECTRONICS INC**  
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E206327

#### Investigated to ANSI/UL 508

**Accessories** Model(s) DPA-CBL, QPS-CBL

**Accessories, communication interfaces** Model(s) DVPCP02-H\*, DVPDT02-H\*, DVPPF02-H\*

**Accessories, I/O extensions for DI/DO units** Model(s) DVPAETB\*

**Accessories, temperature sensors** Model(s) DVP08TC-H\*

**Accessories: I/O extension** Model(s) AHBP00M2-5A

**Accessory I/O extensions, "AH Series"** Model(s) AHAADP followed by 01-09, followed by EF, followed by -5A.

**Accessory I/O extensions** Model(s) AHXBP04M1-5A

**Accessory Open type, "AH Series"** Model(s) AHBP, followed by 00 to 12, followed by numbers, alphabets or blank. I/O extension for DI/DO units, Model DVPAETB, followed by numbers, alphabets or blank. Fiber module, AHAADP followed by 01-09, followed by EF, followed by -5A.

**Accessory Open type RS-485 Repeater** Model(s) IFD5710

**Analog IO units** Model(s) AH01AD\*, AH01DA\*, AH01LC\*, AH01XA\*, AH02AD\*, AH02DA\*, AH02LC\*, AH02XA\*, AH04AD\*, AH04DA\*, AH04LC\*, AH04XA\*, AH06AD\*, AH06DA\*, AH06LC\*, AH06XA\*, AH08AD\*, AH08DA\*, AH08LC\*, AH08XA\*, AH16AD\*, AH16DA\*, AH16LC\*, AH16XA\*

AS02 followed by AD, DA, LC, RTD, TC, or XA, followed by -A, -B, -C or any numbers or alphabets, may be followed by blank

AS04 followed by AD, DA, LC, RTD, TC, or XA, followed by -A, -B, -C or any numbers or alphabets, may be followed by blank

AS06 followed by AD, DA, LC, RTD, TC, or XA, followed by -A, -B, -C or any numbers or alphabets, may be followed by blank

AS08 followed by AD, DA, LC, RTD, TC, or XA, followed by -A, -B, -C or any numbers or alphabets, may be followed by blank

**Communication accessory devices** Model(s) RTU-EN01

**Communication interface units** Model(s) COA02, DMV1000-80GX, DNA02, DVPCOPM-SL, DVPEN01-SL, DVPPF02-SL, DVS005\*, DVS008\*, DVS016\*, ENA01-EIP, ENA01-MOD, RTU-485, RTU-DNET, RTU-PD01

**Communication interface units, keypad accessories** Model(s) DMV1000-KEY

**Communication interfaces, listed accessories** Model(s) DVPSCM\*

**Computer Numerical Control** Model(s) NC followed by 200 or 300 or 310 or 311, followed by A, P or AH, followed by MS, MI, LI, GI, GS or GP, maybe followed by additional suffix(es) or number(s).

**Control modules** Model(s) DCH1000A

DVP followed by 12, 10, 15 or 32 followed by SA, SC, MC or ES, may be followed by 2, followed by 11, followed by R, S, T or P.\*

DVP followed by 12, 14, 20 or 28 followed by SS2 or SX2, followed by 11, followed by R, T or S.\*

DVP followed by 14, 16, 24, 30, 32, 20, 40, 60 or 80 followed by ES, EX, SS or EC, may be followed by 2, followed by 00, 01, 10 or 11, followed by R, RM, S, T, RE, TE.\*

DVP may be followed by any alphanumeric, followed by 10, 24, or 28, followed by SX or SV, followed by 11 or 211, followed by R or T

DVP may be followed by any alphanumeric, followed by 16, 20, 32, 40, 48, 60, 64 or 80, followed by EH, followed by 00, followed by R, T or M.\*

DVP10PM00M\*, DVP12SA10R\*, DVP12SE11R\*, DVP12SE11T\*, DVP14SS11R\*, DVP14SS11R2\*, DVP14SS11T\*, DVP14SS11T2\*, DVP20PM00D\*, DVP20PM00M\*

**Control Modules** Model(s) DVP26SE11R, DVP26SE11T, DVP28SA211R, DVP28SA211T, DVPX10MC11T, DVPX12SE11T, DVPX28SV11R2, DVPX28SV11T2, DVPX40EH00T3

**Control modules** Model(s) ELCPC12NNAR

**Control Modules** Model(s) Model DVPX14SS211R and DVPX14SS211T.

**Control units** Model(s) DVP28SS211R, DVP28SS211T

**CPU Unit** Model(s) AHCPU521-DNP, AHXCPU500-EN, AHXCPU500-RS2, AHXCPU510-EN, AHXCPU530-EN

**CPU units** Model(s) AS324 followed by P, T, or MT, followed by -A or any numbers or alphabets, may be followed by blank

AS332 followed by P, T, or MT, followed by -A or any numbers or alphabets, may be followed by blank

CPU unit, Model AS Model AS, followed by 3, followed by 00, followed by N, followed by -A or any numbers or alphabets, maybe followed by 2 or blank

CPU Unit, Model AS Model AS, followed by 3, followed by 20, followed by P or T, followed by -B or any numbers or alphabets, maybe followed by 2 or blank

Model AS Model AS, followed by 2, followed by 28, followed by R, T, or P, followed by -A or any numbers or alphabets, maybe followed by 2 or blank

**Digital IO units** Model(s) AH followed by 08, 16, 32, 64, followed by A thru Z or 0 thru 9, followed by M, N, P, R, followed by 00 thru 99, followed by R, T, P, S, X, N, followed by A thru Z or 0 thru 9, followed by A, B, C.\*

Model AS followed by 08, 16, 32, 64, followed by A, followed by M, N, or P, followed by 0 or 1, followed by 0, 1, or 2, followed by N, R, T or P, followed by -A or any numbers or alphabets, maybe followed by blank.

**EtherCAT Slave remote I/O modules** Model(s) Models R1-EC5500D0, R1-EC5621D0, R1-EC8124D0, R1-EC9144D0, R1-EC7062D0 and R1-EC60x2D0 (x=0, 1, 2 or 3)

**Expansion I/O units** Model(s) DVP followed by 02, 04 or 06 followed by AD, DA, TC, XA or PT, followed by E2.\* (Rated 24V dc.)

DVP followed by 08, 14, 16, 24 or 32 followed by XM, XN or XP, may be followed by 2, followed by 00, 01 or 11, followed by R, N or T.\*

DVP01HC-H\*, DVP01PU-H\*, DVP02HC-H\*, DVP06XA-H\*

DVPX where X may be any alphanumeric, followed by 08, 16, 32 or 48, followed by HN, HM or HP, followed by 11 or 00, followed by R, T or N.\*

**Expansion modules** Model(s) ADP485-01\*, DOP-EXIO14RAE, DOP-EXIO28RAE, DOP-EXLNGJ1AE, DOP-EXLNGJ2AE, DOP-EXLNHJ1AE, DOP-EXLNHJ2AE, DOP-EXLNHJ4AE, DOP-EXLNTJ1AE, DOP-EXLNTJ2AE, DOPEXLNGJ4AE, DOPEXLNTJ4AE, DVP01AD-S, DVP01DA-S, DVP01LC-SL\*, DVP01PT-S, DVP01PU-S

DVP02DA followed by -S, or -S2, may be followed by additional suffixes or blank.

DVP02LC-SL\*

DVP04AD followed by -S, or -S2, may be followed by additional suffixes or blank.

DVP04DA followed by -S, or -S2, may be followed by additional suffixes or blank

DVP04PT-S, DVP04PU-S, DVP04TC-S\*

DVP06AD followed by -S, or -S2, may be followed by additional suffixes or blank.

DVP06DA followed by -S, or -S2, may be followed by additional suffixes or blank.

DVP06PT followed by -S, or -S2, may be followed by additional suffixes or blank.

DVP06PU-S, DVP06SN11N\*, DVP06SN11R\*, DVP06ST11N\*, DVP06ST11R\*, DVP06XA, DVP08RT-S\*, DVP08SM10N\*, DVP08SM11N\*, DVP08SN11N\*, DVP08SN11R\*, DVP08SN11R\*, DVP08SN11T\*, DVP08SP11R\*, DVP08SP11T\*, DVP08ST11N\*, DVP08ST11R\*, DVP10RC-E2\*,

DVP16SM11N\*, DVP16SN11T\*, DVP16SP11R\*, DVP16SP11T\*, DVP16SP11TS\*, DVP20LC-SL\*, DVP32SM11N\*, DVP32SN11TN\*, DVDPNET-SL\*, DVDPDT01-S\*, DVPPF01-S\*, DVPX16SM11N, DVPX16SN11T, DVPX16SP11T, ELC-EX08NNAN

**Expansion units** Model(s) DVP04AD-SL, DVP04DA-SL

**Extension Accessory Device** Model(s) NC-CAB-DMC\*\*\* \* is number and # is alphabet or blank

NC-EIO-ADC\*\* \* is number and # is alphabet or blank

NC-EIO-DAC\*\* \* is number and # is alphabet or blank

NC-EIO-R\*\*\*\*# \* is number and # is alphabet or blank

NC-EIO-T\*\*\*\*# \* is number and # is alphabet or blank

NC-EIO-TAD\*\* \* is number and # is alphabet or blank

NC-EXM-M\*\* \* is number and # is alphabet or blank

NC-EXM-S\*\* \* is number and # is alphabet or blank

NC-PAN-\*\*\*AM-P# \* is number and # is alphabet or blank

NC-TBM-P\*\*\*\* \* is number and # is alphabet or blank

NC-TBM-R\*\*\*\*# \* is number and # is alphabet or blank

NC-TBM-T\*\*\*\* \* is number and # is alphabet or blank

**Hand-held programmers** Model(s) DVPHPP0\*

**Human Machine Interface** Model(s) DOP-BX03E211, DOP-BX03S210, DOP-BX03S211, DOP-BX07E415, DOP-BX07E515, DOP-BX07PS415, DOP-BX07PS515, DOP-BX07S401K, DOP-BX07S411, DOP-BX07S415, DOP-BX07S515, DOP-BX08E515, DOP-BX08S515, DOP-BX10E515, DOP-BX10E615, DOP-BX10PE515, DOP-BX10S411, DOP-BX10S511, DOP-BX10S615, DOP-BX10VS511

**Human machine interfaces** Model(s) DOP-B03E210\*

DOP-B03E211\* \* = may be followed by additional suffixes.

DOP-B03S210\*

DOP-B03S211\* \* = may be followed by additional suffixes.

DOP-B05S111

DOP-B07 may be followed by P or V, followed by S or E, followed by 401, 41x, 411, 415, 511, 515 or 615.\*

DOP-B08 may be followed by P or V, followed by S or E, followed by 401, 41x, 411, 415, 511, 515 or 615.\*

DOP-B10 may be followed by P or V, followed by S or E, followed by 401, 41x, 411, 415, 511, 515 or 615.\*

DOP-BX05S111, DOP-BX07S401K and DOP-BX07E411

DOP-W105 may be followed by additional suffixes

DOP-W127 may be followed by additional suffixes

DOP-W157 may be followed by additional suffixes

HMC, followed by 08 or 07, followed by -, followed by A thru Z, followed by 0 thru 9, followed by 00 thru 99, followed by S or H, followed by 0 thru 6, followed by 0 thru 6.

**Industrial Ethernet Switch** Model(s) DVS-109, followed by I or W, followed by 00, 01, or 02, followed by -1GE

**IO Unit** Model(s) AHX05PM-5A, AHX10COPM-5A, AHX10DNET-5A, AHX10EN-5A, AHX10PM-5A., AHX10SCM-5A, AHX16AM10N-5A, AHX16AN01R-5A, AHX32AM10N-5A, AHX32AN02T-5A, AHX64AM10N-5C, AHXBP06M1-5A, AHXBP08M1-5A, AHXRTU-DNET-5A

**Open Type, Industrial Ethernet Switch** Model(s) DVW-W02W2-E2-XX where XX can be any alphanumeric character or blank for marketing purpose.

**Open type, Programmable controllers, "AH Series"** Model(s) AH, followed by CPU, followed by 500, 501, 510, 511, 520, 521, 530, and 531 followed by RS, EN, followed by numbers, alphabets or blank.

**Open type, Programmable controllers, "DVP SERIES"** Model(s) DVP201LC-SL\*, DVP202LC-SL \*, DVP211LC-SL \*

**Open type, Programmable controllers** Model(s) DVS, followed by G005I, G008I, 008I, 110W02, 108W02 followed by any alphabets, numbers or blank.

**Panel PC** Model(s) TP70P-16TP1R, TP70P-16TP1T, TP70P-211LC1T, TP70P-21EX1R, TP70P-21EX1T, TP70P-22XA1R, TP70P-22XA1T, TP70P-32TP1R, TP70P-32TP1T, TP70P-RM0, TP70P-RM1, TP70P-RM2

**Power Module** Model(s) Model AHXPS05-5A

**Power modules** Model(s) AHPS05\*, AHPS15\*, DVPPS01, DVPPS02

**Power supply modules** Model(s) DPR20A, DPS024-24V43, DVPPS02, DVPPS05

**Pressure sensors** Model(s) DPA01\*, DPA10\*

**Programmable Controllers** Model(s) CPU Unit Model AS, followed by 2, followed by 18, followed by RX, TX, or PX, followed by -A or any numbers or alphabets, maybe followed by 2 or blank.

DVP15MC11T, DVP15MC11T-06, DVP50MC11T-06, DVP50MC11T, TP04P-20EXL1T

**Programmable human machine interfaces** Model(s) DOP followed by -A or -AE, followed by 57, followed by G, C or B, followed by STD, may be followed by -W.

DOP-A10TCTD, DOP-A10THTD1, DOP-A75CSTD, DOP-AE10THTD, DOP-AE10THTD1, DOP-AE80THTD, DOP-AE80THTD0, DOP-AS35THTD, DOP-AS38BSTD, DOP-AS38BSTD-W, DOP-AS57BSTD, DOP-B05S100, DOP-B05S101, DOP-B07E411, DOP-B07S200, DOP-B07S201, DOP-B07S201A, DOP-B07S211, DOP-B07S411K, DOP-BX07S410

DOP-NP3 followed by -MQ, followed by 0 thru 9, followed by 0 or 1, followed by 0 or 1, may be followed by B.

DOP-NP5 followed by -MQ or -SQ, followed by 0 thru 9, followed by 0 or 1, followed by 0 or 1, may be followed by B.

TP followed by 02, 04, 05 or 08 followed by T or G, followed by A or B, followed by S, followed by 1 or 2

TP04G-AL-C, TP04G-BL-C

TP04P followed by 00 thru 32, followed by TP, EX or XA, followed by 0-9, followed by R or T, followed by additional alphanumeric letters or blank

**Programmable logic controllers** Model(s) DVP followed by 10 thru 60, followed by EC, followed by 00, followed by R or T.\*

**Switching power supply module** Model(s) AS-PS02 and AS-PS02A

**Various & communication IO units** Model(s) AH followed by 01 thru 30 followed by PT, PTG, TC, HC, PM, MC, EN, SCM, DNET, PFBM, PFBS, EIP, COPM, and EMC, followed by numbers, alphabets or blank. Model AH, followed by RTU, followed by COPM, DNET, ETHN, PFBS, followed by numbers, alphabets or blank

AHRTUCOPM\*, AHRTUDNET\*, AHRTUETHN\*, AHRTUPFBS\*

AS00SCM followed by -A or any numbers or alphabets, may be followed by blank

ASXXYYYY-Z, maybe followed by blank. XX represents 00 or 01, YYYY represents SCM, DNET, Z represents A or any numbers or alphabets.

### Investigated to UL 61010-1 and UL 61010-2-201

**Human Machine Interface** Model(s) DOP-B07SS411, DOP-110WS, DOP-103WQ, Model DOP-107WV, Model DOP-B07S410

**Open type, Programmable controllers** Model(s) R1-EC5512, R1-EC70A2, R1-EC70F2, R1-EC70E2

**Open-type, Compact Vision System** Model(s) Model DMV2000-CL4-HS, and DMV2000-CL2-HS

**Programmable Automation Controller** Model(s) Model MH1-C50 Series

**Programmable human machine interfaces** Model(s) DOP-B07S410

### Investigated to UL 61010-1, 3rd Edition and UL 61010-2-201, 1st Edition

**Human Machine Interface** Model(s) DOP Series DOP-107EG, DOP-107BG, DOP-107BV, DOP-107EV, DOP-107CV, DOP-110CS, DOP-103BQ, DOP-103BQZ0

DOP series, DOP-B07SS411, DOP-110WS, DOP-103WQ, DOP-103WQZ0, DOP-110WSY0

DOP-112WX, DOP-112MX, DOP-115WX, DOP-115MX, Model DOP-107WV, and Model DOP-107WVZ0

**Industrial Network Equipment** Model(s) DVS-G002I00C-TF, IFD8540

**Open type, Industrial, Programmable controllers** Model(s) DVP02 may be followed by TKR-S, TKN-S, TKL-S, TUR-S, TUN-S, TUL-S, UHL-S, KHL-S

**Programmable Controllers** Model(s) AHBP04MR1-5A, AHBP06ER1-5A, AHBP06MR1-5A, AHBP08ER1-5A, AHBP08MR1-5A, AHCPU560-EN2

\* - May be followed by additional suffixes or blank.

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