

MITSUBISHI ELECTRIC CORP  
UL COORDINATOR  
2-2-3 MARUNOUCHI  
CHIYODA-KU  
TOKYO 100-8310 JAPAN

Your most recent Certification is shown below. Please review the text and contact the Customer Service Professional who assisted with your project if revisions are required.


To view your company's current Listing Information or for ordering Listing Information in the 3 x 5-inch card format, please refer to [www.ul.com](http://www.ul.com).

**NRAQ8** July 13, 2005  
**Programmable Controllers Certified for Canada - Component**

**MITSUBISHI ELECTRIC CORP**  
**2-2-3 MARUNOUCHI CHIYODA-KU, TOKYO 100-8310 JAPAN**

**E95239**

**Control and communication link system board**, Part No. A80BDE-J61BT13.  
**MELSEC CPU board**, Model A80BDE-A2USH-S1.  
**MELSEC network interface boards**, Part Nos. A70BDE-J71QRB13, -J71QLP23, -J71QLP23GE, A70BDE-J71QLR23.  
**Programmable controller**, Model FXIN followed by 44BMR, followed by NE suffix.  
**Programmable controller**, Model FXon followed by 36BMR, followed by NE suffix.

Marking: Company name, part and model designation and the Recognized Component Mark for Canada, .

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**See General Information Preceding These Recognitions**

For use only in equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

MITSUBISHI ELECTRIC CORP  
UL COORDINATOR  
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**RE: Project Number(s) - 05NK25909**

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**NRAQ7** November 3, 2005  
**Programmable Controllers Certified for Canada**

**MITSUBISHI ELECTRIC CORP**  
**2-2-3 MARUNOUCHI CHIYODA-KU, TOKYO 100-8310 JAPAN**

**E95239**

**Battery units**, Models Q170BAT, Q170HBATC.

**Dividing units**, Models Q173DV, Q173DV-S1, -S2.

**Extension units**, Model Nos. F-20-ER-UL, F-40ER-UL, F1-10ER-UL, F1-20ER-UL, F1-40ER-UL, F1-60ER-UL, F2-40ER-UL, F2-40MR-D, F2-60ER-UL.

**Input modules**, Type A1S followed by 42X, 42Y; Types A1SH42, A1SJ-56DR, -56DT; Type A1SX followed by 10, 20, 30, 40, 40-S1, -S2, 41, 41-S2, 42, 71, 80, 80-S1, -S2, 81, 81-S2, 48Y18, -58. Memory cassettes, Types A1SMCA-2KE, -8KE, -8KP, A2SMCA-14KE, -14KP. Output module, Type A1SY followed by 10, 18A, 22, 28A, 40, 41, 42Y, 50, 60, 60E, 68A, 71, 80, 81. Power supply modules, Types A1S61P, -62P. Pressure displacement type connectors, Types A6CON3, -3E. Programming unit, Type A7PUS. Soldering type connectors, Types A6CON1, -1E. Special function modules, Types A1S62DA, -62RD3, -62RD4, -63ADA, A1S64AD, -D61, -D70, -D71-S2, -S7, -G60, -G62, -I61, -J71AP21, -J71AP21-S3, -J71AR21, -J71AT21B, -J71C24-PRF, -R2, -R4, -J71PT32-S3, -J71T21B, -J72T25B, -P60, -T60.

**Intelligent inspection units**, Models IU2-4M10HA-E and IU2-5M10-E; Expansion units, Model IU2-12B-E; Increase boards, Models IU2 followed by 64EDI-CP, 64EDI-CMOS, 64EDO-TR, 64EDO-CMOS, 32EDIO-CPTR, 32EDIO-CMOS, 16EDIO-CPTR, 16EDIO-CMOS, 18EAD-100H, 16EAD-20M, 2EAD-110H, 8EDA-100M, 2E232-38K, 2E232-115K, 2E485-38K, 1EGPIB, 16EIB-CP, 8EIB-TR, 4ECN-10M, EBR1-50, EBR2-50; Terminal Blocks, Models IU2- followed by 96TB, 50TB, 36TB.

**Interface units**, Models FX2N followed by 32DP-IF.

**Motion controller system**, consisting of the following modules: CPU modules, Models A171SCPU, -SHCPUN, -SCPU-S3, -SHCPU, A172SHCPU, A172SHCPUN, A173UHCPU, A173UHCPU-S1, A273UHCPU, A273UHCPU-S3. Servo external signal module, Model A278LX. Manual pulse generator/synchronous encoder modules, Models A171SENC, A172SENC, A273EX. Synchronous encoder, Model MR-HENC. Base units, Models A168B, AA172B, A175B, A178B, A178B-S1, A178B-S2, A178B-S3, A255B, A268B, A272B, A275B, A278B.

**Programmable controller systems, "A" Series**, consisting of the following modules: CPU modules, Types A2NCPU-UL, A3NCPU-UL; Memory cassette, Type A3NMCA followed by 0, 2, 4, 8, 16, 24 or 40, followed by -UL; Power supply module, Type A61P-UL, A67RP; Base units, Types A32B-UL, A35B-UL, A38B-UL, A55B-UL, A58B-UL, A65B-UL, A68B-UL; Input module, Type AX followed by 10, 20, 40, 41, 70 or 80, followed by -UL; Output modules, Type AY followed by 10A, 11, 40, 41, 50, 51, 60S or 70, followed by -UL; Connection cables, Types AC06B-UL, AC12B-UL, -30B-UL. Special function module, Series AJ71DN91, AJ71QLP21S, A68RD3N, A68RD4N. Battery module: A8BAT. Battery cable: AC08BAT.

**Programmable controller, A2C Series**, consisting of the following module: CPU modules, Models A2CCPU, -C24, -24-PRF, -P21, -R21; Power supply module, Model A66PC; Input modules, Models AX11C, -41C, -81C; Output modules, Models AY13C, -23C, -51C, -81C; Combined input and output modules, Models AX10Y10C, -22C, -40Y10C, -50C, -80Y10C, -80C; Special function modules, Models A64DAIC, -DAVC, -RD3C, -RD4C, A68ADC, AD61C.

**Programmable controller systems, "QnAs" Series**, consisting of the following modules: CPU modules, Types Q2ASCPU, Q2ASCPU-S1, Q2ASHCPU, Q2ASHCPU-S1; CPU base units, Type A1S38HB; Network modules, A1SJ7QLP21, A1SJ71QLP21GE, A1SJ71QLP21S, A1SJ72QLP25, A1J7QBR11, A1SJ72QBR15; Serial communication modules, A1SJ71QC24, A1SJ71QC24-R2, A1SJ71QC24N, A1SJ71QC24N1, A1SJ71QC24N1-R2; Ethernet modules, A1SJ71QE71-B2, A1SJ71QE24-B5, A1SJ71QE71N-B2, A1SJ71QE71N-B5, A1SJ71QE71N-T, A1SJ71QE71N-B5T, A1SJ71QE71N3-T; Power supply modules, Types A1S61P, A1S62P; Input modules, A1SX followed by 10, 20, 30, 40, 40-S1, 40-S2, 41, 41-S2, 42, 71, 80, 80-S1, 80-S2, 81, 81-S2, 48Y18, 48Y58, A1SJ-56DR, A1SJ-56DT, A1SH42, A1S followed by 42X, 42Y.

**Programmable controllers**, Models F-20-MR-UL, F-40MR-UL, F1-12MR-UL, -20MR-UL, -30MR-UL, -40MR-UL, -60MR-UL, F2-40MR-UL, -60MR-UL.

**Programmable controllers**, Model FX- followed by 16MR, 24MR, 32ER, 32MR, 48ER, 48MR, 64MR, 80MR, 128MR, followed by -ES/UL. Model

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FX- followed by 16MT, 24MT, 32MT, 48ET, 48MT, 64MT, 80MT, 128MT, followed by -ESS/UL. Model FX- followed by 24MR, 48ER, 48MR, 64MR, followed by -UA1/UL.

**Programmable controller**, Model FX0N followed by 24MR, 40ER, 40MR, 60MR, followed by -ES/UL or UA1/UL suffixes.

**Programmable controllers**, Model FX0- followed by 14MR, -20MR, -30MR, followed by -ES/UL suffix; Model FX0- followed by 14MT, -20MT, -30MT, followed by -E/UL suffix.

**Programmable controllers**, Model FX0S- followed by 10MR, 14MR, 20MR or 30MR followed by -ES/UL suffix; Model FX0S- followed by 16MR or 24MR followed by -UA1/UL suffix; Model FX0S followed by 10MR, followed by -ES/UL, followed by -BS suffix.

**Programmable controller**, Model FX2N- followed by 16MT, 32MT, 48MT, followed by -E/UL suffix; Model FX2N- followed by 32MS, 48MS followed by -E/UL suffix.

**Programmable controller**, Model FX2N- followed by 16MR, 32MR, 48MD, 64MR, 80MR, 48ER, followed by -DS suffix; Model FX2N- followed by 16MT, 32MT, 48MT, 64MT, 80MT, 48ET, followed by -DSS suffix.

**Programmable controller**, Model FX1N- followed by 14MR, 24MR, 40MR, 60MR, followed by -ES/UL suffix.

**Programmable controller**, Model FX1N- followed by 14MT, 24MT, 40MT, 60MT, followed by -ESS/UL suffix.

**Programmable controller**, Model FX1N- followed by 14MR, 24MR, 40MR, 60MR, followed by -DS suffix.

**Programmable controller**, Model FX1N- followed by 14MT, 24MT, 40MT, 60MT, followed by -DSS suffix.

Model FX1N- followed by 14MR, 24MR, 40MR, 60MR.

**Programmable controller**, Model FX1N- followed by 14MT, 24MT, 40MT, 60MT.

**Programmable controller**, Model FX1N- followed by 14MR, 24MR, 40MR, 60MR, followed by -D suffix.

**Programmable controller**, Model FX1N- followed by 14MT, 24MT, 40MT, 60MT, followed by -D suffix.

**Programmable controller**, Model FX1N followed by 60MT, followed by -TRL.

**Programmable controller**, Model FX1S- followed by 10MR, 14MR, 20MR, 30MR, followed by -ES/UL suffix; Model FX1S followed by 10MR, 14MR, 20MR, 30MR, followed by -DS suffix; Model FX1S followed by 10MT, 14MT, 20MT, 30MT, followed by -DS suffix.

Model FX1S, followed by 10MT, 14MT, 20MT, 30MT, followed by -ESS/UL suffix.

Model FX1S, followed by 10MR, 14MR, 20MR, 30MR.

Model FX1S, followed by 10MT, 14MT, 20MT, 30MT.

Model FX1S, followed by 10MR, 14MR, 20MR, 30MR, followed by -D suffix.

Model FX1S, followed by 10MT, 14MT, 20MT, 30MT, followed by -D suffix.

**Programmable controller**, Model FX2n- followed by 16MR, 32ER, 32MR, 48ER, 48MR, 64MR, 80MR, 128MR, followed by -ES/UL suffix.

**Programmable controller**, Model FX2n- followed by 16MT, 32ET, 32MT, 48ET, 48MT, 64MT, 80MT, 128MT, followed by -ESS/UL suffix.

**Power supply unit**, Model FX2N- followed by 20PSU.

**Programmable controllers, extension blocks**, Model FX2n- followed by 16EX, 16EYR, followed by -ES/UL suffix; Model FX2n- followed by 16EYT, followed by -ESS/UL suffix.

**Programmable controller**, Model FX2n followed by 16MR, 32MR, 48ER, 48MR, 64MR, followed by -UA1/UL suffix.

**Programmable controller, special function block**, Model FX2N followed by 64DP-M.

**Programmable controller**, Model FX2N followed by 80BMT, followed by NC suffix.

**Programmable controller, extension block**, Model FSX2N followed by 16EYS.

**Programmable controller**, Model FX2C followed by 64MT, 96MT, 128MT, 160MT followed by -ESS/UL.

**Programmable controller**, Adapter, Model FX2NC followed by ENET-ADP.

**Programmable controllers, extension blocks**, Model FX- or FXon- followed by 8ER, 8EX, 8EYR, 8EYS, 16EX, 16EYR, 16EYS, followed by -ES/UL or -UA1/UL suffixes. Model FX- or FXon- followed by 8EYT, 16EYT, followed by -ESS/UL suffix. Model FX followed by -16E, -16EYR, -16EYT, -32E, followed by -TB suffix. Model FX followed by -16EX, followed by -A1, followed by -TB suffix; Model FX2n followed by 8EX, 8EYR, 8ER, followed by -ES/UL suffix; Model FX2n followed by 8EYT, followed by -ESS/UL suffix; Model FX2n followed by 8EX, followed by -UA1/UL suffix.

Model FX- followed by 8EX, followed by UA1/UL suffix.

**Programmable controller**, Model FX2C followed by 64MT, 96MT, 128MT, 160MT, followed by -E/U.

**Programmable controllers, external terminal blocks**, Model FX- followed by 16EYR, 16EYS, 16EYT followed by -ES suffix, followed by -TB/UL suffix. Model FX- followed by 16EYT, followed by -ESS suffix, followed by -TB/UL suffix. Model -FX followed by 16EX, followed by -A1 suffix, followed by -TB/UL suffix. Model FX- followed by 16E or 32E, followed by -TB/UL suffix.

**Programmable controller systems, Series "A"**, consisting of the following modules: CPU modules, Types A2NCPUL-UL, A3NCPUL-UL. Type A followed by 2, 3 or 4, followed by A or U, followed by CPU, may be followed by P21 or R21, followed by -UL, may be followed by -S1. Memory cassette, Type A3NMCA followed by 0, 2, 4, 8, 16, 24 or 40, followed by -UL. Power supply modules, Types A61P-UL, A61PEU, A62PEU. Base units, Types A32B-UL, A35B-UL, A38B-UL, A55B-UL, A58B-UL, A65B-UL, A68B-UL. Input modules, Type AX followed by 10, 20, 40, 41, 70 or 80, followed by -UL. Type AX followed by 11 or 21, followed by EU. Output modules, Type AY followed by 10A, 11, 40, 41, 50, 51, 60S or 70, followed by -UL. Type AY followed by 15 or 20, followed by EU. Connection cables, Types AC06B-UL, AC12B-UL, AC30B-UL; Special Function Module: AJ71DN91, AJ71QLR21, AJ72QLR25, AJ71QLP21S, AG8RD3N and AG8RD4N, AJ71UC24, AJ71UC24-S2. Analog Multiplex Module: Models A60MXR-S1, A60MXT-S1, A60MXRN, A60MXTN. Ethernet Module: Models AJ71E71N-B2, AJ71E71N-B5, AJ71E71N-T, AJ71E71N3-T, AJ71E71N-B5T, AJ71QE71N-B2, AJ71QE71N-B5, AJ71QE71N-T, AJ71QE71N3-T, AJ71QE71N-B5T.

**Analog multiplex module**, Models A60MXR-S1, A60MXT-S1, A60MXRN, A60MXTN.

**Ethernet modules**, Models AJ71E71N-B2, AJ71E71N-B5T, AJ71QE71N-B2, AJ71QE71N-B5T, AJ71E71N-T, AJ71QE71N-T, A1S71QE71N-T.

**"A" Series programmable controllers**, consisting of the following modules: CPU modules, Types A1SCPU, A1SCPU-S1, A1SHCPU, A1SJHCPU, -S8, A1S1CPU, A1S1CPU-S3, A2ASCPU, A2ASCPU-M128, A2ASCPU-S1, A2ASCPU-S30, A2ASCPU-S60, A2SCPU, A2SCPU-S1, A2SHCPU, A2SHCPU-S1, A2USCPU, A2USCPU-M128, A2USCPU-S1, A2USCPU-S30, A2USCPU-S60, A2USHCPU-S1. Memory cassettes, Types A1SMCA-2KE, A1SMCA-8KE, A1SMCA-8KP, A1SNMCA-2KE, -8KE, -8KP, A2SMCA-14KE, -14KP, A2SNMCA-30KE. Power supply modules, Types A1S61P, A1S61PN, A1S62P, A1S62PN. Extension base units, Types A1S32B, -33B, -35B, -38B, -52B, -52B-S1, -55B, -55B-S1, -58B, -58B-S1, -65B, -65B-S1, -68B, -68B-S1. Input modules, Type A1SX followed by 10, 20, 30, 40, 40P, 40-S1, 40-S2, 41, 41P, 41-S2, 42, 42-S1, 42-S2, 71, 80, 80-S1, 80-S2, 81, 81-S2, 82-S1, 48458, 48Y18, A1S, A1SJ-56DR, -56DT, A1SH42, A1SH42-S1, followed by 42X, 42Y. Output modules, Type A1SY, followed by 10, 18A, 22, 28A, 40, 41, 42, 42P, 50, 60, 60E, 68A, 71, 80, 81, 82. Connection cable, Types A1SC01B, -03B, -05NB, -07B, -12B, -30B, -30R4-PUS, A1SC50B, A1SC60B, A1SC20B-S1. Special function modules, Types A1SD51S, A1SD51S-S1, A1S62DA, -62E, -62LS, -62RD3, -62RD3N, -62RD4, -62RD4N, -63ADA, -64DA, -68AD, -68DAI, -68DAV, -68TD, A1S64TCTT-S1, A1S64TCTTBW-S1, A1S64TCRT-S1, A1S64TCRTBW-S1, A1S62TCTT-S2, A1S62TCTTBW-S2, A1S62TCRT-S2, A1S62TCRTBW-S2, A1SD61, -62, -62D, -62D-S1, -70, -71-S2, -75M1, -75M2, -75M3, -75P1-S3, -75P2-S3, -75P3-S3, A1S71E71N-B2, A1S71E71N-B5, A1S71E71N-T, A1S71E71N3-T, A1S71E71N-B5T, A1S64TCIRT, A164TCRTBW, A1SG60, -62, A1S161, A1S71AP21, -71AP21-S3, -71AR21, -71AS92, -71AT21B, -71C24-R2, -71C24-R4, -71C24-PRF, A1S71UC24-R2-S2, A1S71UC24-R4-S2-71DN91, -71PB93D, -71PT32-S3, -71T21B, -72T25B, -71UC24-R2, -71UC24-R4, -71UC24-PRF, A1SP60, A1ST60, A2SD71-S7. Programming unit, Type A7PUS.

**Eprom write adaptors**, Types A6WA-28P, A2SWA-28P. Soldering type connectors, Types A6CON1, A6CON1E. Crimp contact type connectors, Types A6CON2, AC6CON2E. Pressure displacement type connectors, Types A6CON3, A6CON3E.

**Input/Output modules**, Types A1SX10EU, A1SX20EU, A1SY10EU, A1SY14EU, A1SY18AEU, A1SY28EU.

**Programmable controllers**, Models A8GT-70GOT-EB, -70GOT-EW, -70GOT-SB, -70GOT-SW, -70GOT-TB, -70GOT-TW, A8GT-PWEL, -PW-EU,

-PWST, -PWTF, A9GT-70KBF, -80V4, -80R1, -80V4R1, -BUS2S, -50WBUSS, -BUSS, -FNB, -FNB1M, -FNB2M, -FNB4M, -FNB8M, -FNB12M, -J71E71-T, -QFNB, -QFNB1M, -QFNB2M, -QFNB4M, -QFNB8M, -QFNB12M, -RS2, -50WRS2, -RS4, -50WRS4, A950GOT-LBD, -LBD-M3, -SBD, -SBD-M3, -TBD, -TBD-M3, A951GOT-LBD, -LBD-M3, -QTBD, -QTBD-M3, -SBD, -SBD-M3, -TBD, -TBD-M3, A953GOT-LBD, -LBD-M3, -SBD, -SBD-M3, -TBD, -TBD-M3, A956GOT-LBD, -LBD-M3, -SBD, -SBD-M3, -TBD, -TBD-M3, A956WGOT-TBD, A960GOT-EBA, A960GOT-EBA-EU, A960GOT-EBD, A970GOT-LBA, -LBA-EU, -LBD, A970GOT-SBA, A970GOT-SBA-EU, -SBD, -TBA, -TBA-B, -TBD-B, -TBD, A975GOT-TBA, -TBA-B, -TBD-B, -TBA-EU, -TBD, A985GOT-TBA, -TBA-EU, -TBD, -TBA-V, -TBD-V, -TBA-V-EU, -TBD-V-EU, A975GOT-TBA-BW, A975GOT-TBD-BW, A970GOT-TBA-BW, A970GOT-TBD-BW, A975GOT-TBA-CH, A975GOT-TBD-CH, A970GOT-TBA-CH, A970GOT-TBD-CH, A9GT-QJ71LP23, A9GT-QJ71BR13.

Models A8GT-J61BT13, A8GT-J61BT15, A9GT-BUSSO, -BUSSU, -BUS2SU, -QBUSS, -50WQBUSS, -QBUS2S, -QBUS2SU, -QCNB, -RS2T; Models A951GOT-QSBD, -QLBD, -QSBD-M3, -QLBD-M3.

**Programmable controller**, Series I/O link master module, Model A1S51J64.

**Programmable controller**, Remote I/O input module, Model AJ55TB3 followed by -4D, -8D or -16D, Model AJ35TB1-16D. Models AJ65BTB1-16D, AJ65BTB2-16D, AJ65BTC1-32D, AJ65MBTL1N-16D, AJ65SBTB1-8D, -8T, -16D, -16D1, -16T, -16T1, -32D, -32D1, -32T, -32T1, AJ65SBTB2-8A, -16AG0, AJ65SBTB2N-8A, AJ65SBTB2N-16A, AJ65SBTC1-16D, -32D, -32D1, -32DT, -32T, AJ65SBTCF1-32D, AJ65SBTW4-16D, AJ65SBTB3-8D, AJ65SBTB3-16D, AJ65VBTCU3-8D1, AJ65VBTCU3-16D1, AJ65MBTL1N-32D, AJ65EBTB3-16D, -32D, AJ65VBTS3-16D, -32D, AJ65VBTC3-8D, -16D, AJ65VBTC3-32D, AJ65MBTCD1-32D-HAM, AJ65SBTC4-16DN, AJ65SBTC4-16DE.

**Programmable controller**, Series CC-Linkmaster-local modules, Models AJ61BT11, AJ61QBT11, A1S51J61QBT11, A1S51J61QBT11.

**Programmable controllers**, Remote I/O output modules, Model AJ55TB2 followed by -4R, -4T, -8R, -8T, -16R or -16T. Models AJ35TB1-16T, AJ65BTB1-16T, AJ65BTB1D-32DR, AJ65BTB2-16R, AJ65BTB2-16T, AJ65BTC1-32T, AJ65MBTL1N-16T, AJ65SBTB1-8T, -8T1, -8TE, -16T, -16T1, -16TE, -32T, -32T1, AJ65SBTB2-8R, -8T, -8T1, -16R, -16T, AJ65SBTB2N-8R, AJ65SBTB2N-8S, AJ65SBTB2N-16R, AJ65SBTB2N-16S, AJ65SBTC1-32T, -32T1, -32DT2, -32DT3, AJ65SBTCF1-32T, AJ65SBTW2-16T-S3, AJ65VBTCU2-8T, AJ65VBTCU2-16T, AJ65FBTBA4-16D, -16DE, AJ65SBTCM1P-16T, AJ65FBTBA2-16T, -16TE, AJ65MBTL1N-32T, AJ65VBTS2-16T, -32T, AJ65VBTC2-8T, -16T, AJ65VBTC2-32T.

**Programmable controllers**, Remote I/O input/output modules, Model AJ55TB32 followed by -4DR, -4DT, -8DR, -8DT, -16DR or -16DT. Models AF65BTB2-16DT, AJ65BTB1-16DT, AJ65BTB2-16DR, AJ65MBTL1N-16DT, AJ65SBTC1-16TD, -32DT, -32DT1, AJ65SBTC4-16DT2, AJ65SBTB32-8DT2, -16DT2, AJ65SBTB1-16DT2, -16DT3, -32DT2, -32DT3, AJ65SBTW4-16DT, AJ65SBTCF1-32DT, AJ65SBTB1-32DT, AJ65SBTW2-8TE-S3, AJ65VBTCF1-32DT1, AJ65FBTBA42, -16DT, -16DE, AJ65EBTB3-16DT, AJ65VBTS32-16DT, -32DT, AJ65VBTC32-16DT, AJ65VBTC32-32DT, AJ65MBTCD1-32DT-HAM, AJ65MBTC1-32DT-DS1, AJ65MBTC1-32DT-DS2, AJ65MBTC1-56DT-DS1, AJ65MBTC1-56DT-DS2.

**Programmable controllers, Special function modules**, Models AJ65BT-64AD, -64DAI, -64DAV, -64RD3, -64RD4, -68TD, AJ65BT-D62, -D62D, -D62D-S1, -D75P2-S3, -R2, G4, -G4, -S3, AJ65SBT-RPG, -RPS, -RPT, AJ65VBTCU-68ADV-S1, -68DAV-S1, AJ65VBTCU-68ADV, AJ65VBTCU-68ADI, AJ65VBTCU-68DAV, AJ65FBTBA-RPH, AJ65SBTCD1-624ADA-HAM.

Models AJ65VBTCU-68ADVN, AJ65VBTCU-68AD1N, AJ65VBTCU-68DAVN.

Model AJ65SBT-CLB.

**Programmable controller**, Special function block, Model FX2N followed by 16LNK-M.

**Programmable controller**, Alpha Series, Model AL followed by 6MR, 10MR, 10MT, 20MR, 20MT, followed by -A or -D suffix, may be followed by -001.

**Programmable controller Series, ProFIBOS interface master modules**, Models A1S51J71PB92D, -96F, AJ71PB92D, -96F.

**Programmable controller, slave I/O input module**, Model AJ95TB3-16D, AJ95FPBA4-16DE.

**Programmable controller, slave I/O output module**, Model AJ95TB2-16T, AJ95FPBA2-16TE.

**Programmable controller, I/O input/output module**, Model AJ95TB32-16DT, AJ95FPBA42-16DTE.

**Programmable controller**, Models FX2NC followed by 16MT, 32MT, 64MT, 96MT; followed by -DSS suffix. Models FX2NC followed by 16MR; followed by -T; followed by -DS suffix.

**Programmable controllers**, Models FX2NC followed by -16MT, -32MT, -64MT, -96MT, followed by -D/UL suffix.

**Programmable controller, extension blocks**, Models FX2NC followed by 16EX, 32EX, followed by -DS suffix. Models FX2NC followed by 16EYT, 32EYT, followed by -DSS suffix. Models FX2NC followed by 16EX, followed by -T, followed by -DS suffix. Models FX2NC followed by 16EYR, followed by -T, followed by -DS suffix. Models FX2NC followed by 16EX, -32EX, followed by -D/UL suffix. Model FX2NC followed by 16EYT, 32EYT, followed by -D/UL suffix.

**Programmable controller, MELSEC-Q Series**, consisting of the following modules:

**A/D Conversion modules**, Models Q64AD, Q68ADI, Q68ADV, Q64AD-GH.

**Base units**, Models Q32SB, Q33B, Q35B, Q35B-FAM, Q35SB, Q38B, Q38RB, Q63B, Q65B, Q68B, Q68RB, Q312B, Q612B, QA1S33B, QA1S35B, QA1S38B, QA1S65B, QA1S68B, QA65B, Q52B, Q55B, Q33B-E, Q35B-E, Q38B-E, Q312B-E, Q32SB-E, Q33SB-E, Q35SB-E, Q38SB-E, QA1S33B-E, QA1S35B-E, QA1S38B-E, QA65B-E.

**Extension cables**, Models QC05B, QC06B, QC12B, QC30B, QC50B, QC100B.

**RS232 cable**, Model QC30R2.

**Data collection server module**, Model QJ71DS96-H10.

**CC-Link light master module**, QJ61CL12.

**CC-Link master-local modules**, QJ61BT11, QJ61BT11N.

**Computer link modules**, Models QJ71C24, QJ71C24-R2, QJ71C24N, QJ71C24N-R2, QJ71C24N-R4, QJ71E71-BE.

**CPU modules**, Models Q00CPU, Q01CPU, Q02CPU, Q02HCPU, Q02HCPU-FAM, Q06HCPU, Q12HCPU, Q25HCPU, Q12PHCPU, Q25PHCPU, Q12PRHCPU, Q25PRHCPU, Q00JCPU, Q00JCPU-S8, Q00JCPU-E, Q00JCPU-PW.

**D/A Conversion modules**, Models Q62DA, Q62DA-FG, Q64DA, Q68DAI, Q68DAV, Q64DA-FG, Q62DAN, Q64DAN, Q68DAIN, Q68GAVN.

**Ethernet modules**, Models QJ71E71, QJ71E71-B2, QJ71E71-B5, QJ71E71-100, QJ71ST11-100.

**MODBUS modules**, Models QJ71MT91, QJ71MB91.

**WEB Server module**, QJ71WS96.

**High speed counter modules**, Models QD62, QD62D, QD62E.

**DC converter modules**, Models Q63P, Q63P-FAM

**Tracking cables**, Models QC10TR, QC30TR.

**Intelligent (C language) modules**, Model QD54-S1.

**I/O modules**, Models QH42P, QH42P-FAM, QX10, QX28, QX40, QX41, QX41-S1, QX42, QX42-S1, QX48Y57, QX70, QX71, QX72, QX80, QX80-S1, QX81, QX81-S1, QX82-S1, QY10, QY22, QY40P, QY41P, QY42P, QY50, QY80, QY81P, QY18A, QY68A, QY70, QY71, Q42X, Q42X-H01, Q42Y, Q42Y-H01.

**"A" Series MELSEC network boards**, P/N A70BDE-J71QBR13, A70BDE-J71QLP23, A70BDE-J71QLP23GE, A70BDE-J71QLR23. **"A" Series control and communication link system boards**, P/N A80BDE-J61BT11, A80BDE-J61BT13. **"A" Series MELSEC CPU board**, P/N A80BDE-A24SH-S1.

**"Q" Series MELSEC network interface boards**, Part Nos. Q80BD-J71BR11, Q80BD-J71LP21-25.

**Melsecnet link modules**, Models QJ71LP21, QJ71BR11, QJ71LP21-25, QJ72BR15, QJ72LP25-25, QJ71LP21G, QJ71LP21GE, QJ72LP25G, QJ72LP25GE, QJ71LP21S-25.

**Memory card units**, Models Q2MEM-1MBS, -2MBF, -2MBS, -4MFB, -8MBA, -16MBA, -32MBA.

**NEXUS module**, Model QJ71E71-100-F10.

**Positioning modules**, Models QD70P4, QD70P8, QD70D4-H10, QD70D8-H10, QD75D1, QD75D2, QD75P1, QD75P2, QD75P4.  
**Profibus network modules**, Cat. Nos. QJ71PB92D, QJ71PB93D, QJ71PB92V.  
**Temperature control modules**, Models Q64TCTT, Q64TCTTBW, Q64TCRT, Q64TCRTBW.  
**Power supplies**, Models Q61P-A1, -A2, Q61SP, Q62P, Q64P, Q64RP, Q61P-HAM, Q63RP.  
**Device net master-slave module**, Model QJ71DN91.  
**Pt100 input module (3 wire type/4-wire type)**, Models Q64RD, Q64RD-G.  
**Programmable controllers, Special function block**, Model FX0N followed by 32NT-DP; Model FX2N followed by 64DNET; Model FX2N-2LC.  
**Programmable controllers, special function blocks**, Model FX2N, followed by 2AD, 2DA, 4AD, 4DA, 1PG-E, 10PG, 1HC, 20GM, may be followed by -PT or -TC, may be followed by -E suffix; Model FX2N followed by 8AD.  
**Computer link (basic language) modules**, Models QD51, QD51-R24.  
**Temperature input module**, Model Q64TD.  
**Distributor modules**, Models Q64AD-DGH, Q62AD-DGH.  
**FL net modules**, Models QJ71FL71, QJ71FL71-B2, QJ71FL71-B5, QJ71FL71-T, QJ71FL71-B5, QJ71FL71-T, QJ71FL71-B2-Fnn, QJ71FL71-Fnn, QJ71FL71-B5-Fnn, QJ71FL71-T-Fnn, QJ71FL71-B5-Fnn, QJ71FL71-Fnn, where nn = 01 thru 99.  
**High speed intercept module**, Model Q160.  
**Handy graphic operation terminals**, Models A950GOT-SBD-M3-H, A953GOT-SBD-M3-H, A950GOT-LBD-M3-H, A953GOT-LBD-M3-H, F940GOT-LBD-H, F940GOT-LBD-H-C, F940GOT-LBD-H-E, F940GOT-SBD-H, F940GOT-SBD-H-C, F940GOT-SBD-H-E, F943GOT-LBD-H, F943GOT-LBD-H-C, F943GOT-LBD-H-E, F943GOT-SBD-H, F943GOT-SBD-H-C, F943GOT-SBD-H-E, A956GOT-SBD-B, -SBD-M3-B, A953GOT-SBD-B, -SBD-M3-B, A951GOT-QSBD-B, -QSBD-M3-B, A951GOT-SBD-B, -SBD-M3-B, A950GOT-SBD-B, -SBD-M3-B.  
**Graphic operation terminals**, Models F920GOT-BBD5-K, -BBD5-K-E, -BBD5-K-C, -BBD-K, -BBD-K-E, -BBD-K-C.  
**Models F930GOT-BWD, F930GOT-BWD-C, F930GOT-BWD-E, F930GOT-BWD-T.**  
**Models F930GOT-BBD-K, -BBD-K-E, -BBD-K-C, -BBK-K-T.**  
**Graphic Operation Terminals, "GOT1000" Series Graphic operation terminals**, Models GT1565-VTBA, GT1575-VTBA, GT1575-STBA, GT1585-STBA, GT15-RS2T4-9P, GT15-RS2T4-25P, GT15-75ABUSL, GT15-75ABUS2L, GT15-75QBUSL, GT15-75QBUS2L, GT15-FNB, GT15-QFNB, GT15-QFNB16M, GT15-QFNB32M, GT15-QFNB48M, GT15-VHNB, GT15-80PSCB, GT15-80PSGB, GT15-80PSCW, GT15-80PSGW, GT15-70PSCB, GT15-70PSGB, GT15-70PSCW, GT15-70PSGW, GT15-60PSCB, GT15-60PSGB, GT15-60PSCW, GT15-60PSGW, GT05-MEM-16MC, GT05-MEM-32MC, GT05-MEM-64MC, GT05-MEM-128MC, GT05-MEM-256MC, GT05-MEM-ADPC, GT15-J71E71-100, GT15-751F900, GT15-75J61BT13-Z, GT15-75J71LP23-Z, GT15-75J71BR13-Z, GT15-ABUS, GT15-ABUS2, GT15-QBUS, GT15-QBUS2, GT1595-XTBA, GT1565-VTBD, GT1575-VTBD, GT1575-STBD, GT1585-STBD, GT1565-VNBA, GT1575-VNBA, GT1565-VNBD, GT1575-VNBD, GT15-XHNB, GT15-RS2-9P, GT15-RS4-9S, GT15-RS4-TE, GT15-90PSCB, GT15-90PSGB, GT15-90PSCW, GT15-90PSGW, GT15-ABUS, GT15-ABUS2, GT15-QBUS, GT15-QBUS2, GT1562-VNBA, GT1562VNBD, GT1572-VNBA, GT1572-VNBD.  
**Graphic Operation Terminals**, Models GT1155-QSBD, GT1150-QLBD.  
**Remote I/O module**, Model FCU6-DX561.  
**Graphic operation terminals**, Models F940WGOT-TWD, F940WGOT-TWD-E, F940WGOT-TWD-C.  
**MELSEC-Q Series Programmable controller modules:**  
**CPU**, Models Q172CPU, Q173CPU, Q173CPU-S1, Q172CPUN, Q172CPUN-T, Q173CPUN, Q173CPUN-T, Q172HCPU, Q172HCPU-T.  
**Positioning**, Models QD75M1, QD75M2, QD75M4, QD75MH1, QD75MH2, QD75MH4.  
**Servo external signal**, Model Q172LX.  
**SSC I/F board**, Model A10BD-DCF.  
**Synchronous encoders**, Model Q172EX may be followed by -S1, -S2 or -S3; Model Q170ENC.  
**Manual pulse generator**, Model Q172PEX may be followed by -S1.  
**Application programmable controllers**, Models AL2 followed by 10MR, 14MR, 24MR, followed by -A or -D suffix; Expansion modules for the AL2 controller AL2, followed by 4EX, 4EX-A2, 4EYR, 4EYT, 2DA, adapter modules of the AL2 controller, AL2 followed by 2PT-ADP, 2TC-ADP.  
**Programmable controller**, Model CL1, followed by PAD1 (Adapter).  
**Programmable controller**, Model CL1, followed by XY2-DT1D5S, X2-D1D3S, Y2-T1D2S, XY2-DTE1D5S, X2-DE1D3S, Y2-TE1D2S (Cable Type).  
**Programmable controller**, Model CL1, followed by X4-D1B2, Y4-T1B2, Y4-R1B2, XY8-DT1B2, XY8-DR1B2, Y4-TE1B2, XY8-DTE1B2, Y4-R1B1, XY4-DT1B2, XY4-DR1B2, XY4-DTE1B2 (Terminal Type).  
**Programmable controller**, Model CL1, followed by PSU-2A.  
**Programmable controller**, Model CL1, followed by X4-D1C3, Y4-T1C2.  
**Programmable controller**, Model CL1, followed by X4-D1S2, Y4-T1S2.  
**CC-link/LT remote I/O modules**, Model CL2, followed by X or Y, followed by 8 or 16, followed by D, TP or TPE, followed by 1, followed by B, C, M or S, followed by 1, 2 or 3, followed by non or V.  
**Programmable controller, special function block**, Model FX2N-64CL-M.  
**CC-Link/LT remote analog module**, Model CL2 followed by AD or DA, followed by 4 or 2, followed by B.  
**Programmable controller, special function block**, Model FX2NC, followed by 4AD or 4DA.  
**Programmable logic controller, industrial control terminals**, Models JAC2001.4, VN-JPC201A, VN-JPC201B, VN-JPC201C.  
**Programmable controller, ST head modules**, Model ST1H-PB.  
**Programmable controller, ST I/O input modules**, Models ST1X2-DE1, ST1X4-DE1, ST1X16-DE1, ST1X1616-DE1-S1.  
**Programmable controller, ST I/O output module**, Models ST1Y2-TE2, ST1Y2-TPE3, ST1Y16-TE2, ST1Y16-TPE3, ST1Y2-TE8, ST1Y2-R2.  
**Programmable controller, ST Analog-Digital converter module**, Models ST1AD2-V, ST1AD2-1.  
**Programmable controller, ST Digital-Analog converter module**, Models ST1DA2-V, ST1DA1-I, ST1TD2, ST1RD2.  
**Programmable controller, ST Bus refreshing module**, Model ST1PSD.  
**Programmable controller, ST Power feeding module**, Model ST1PDD.  
**Programmable controller, Special function unit**, Model FX3U- followed by ENET.  
**Programmable controller**, Model FX3U followed by 16MR, 32MR, 48MR, 64MR, 80MR; followed by /ES; may be followed by -A suffix.  
**Programmable Controller**, Special function block, Model FX3U- followed by 64DP-M.  
**"Q" Series CC-Link Ver.2 embedded interface board**, Model Q50BD-CCV2.  
**"Q" Series CC-Link Ver.2 system board**, Model Q80BD-J61BT11N.  
**"Q" Series MELSEC Network boards**, Model Q80BD-J71LP21S-25.

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