

NRAG.E211905 - Programmable Controllers for Use in Hazardous Locations

Programmable Controllers for Use in Hazardous Locations

MITSUBISHI ELECTRIC CORP

E211905

2-7-3 MARUNOUCHI
CHIYODA-KU, TOKYO 100-8310 Japan

Class I, Division 2, Groups A, B, C and D, Adapter Module "FX5" Model(s) FX5-4AD-ADP, FX5-4DA-ADP

Class I, Division 2, Groups A, B, C and D, Bus Conversion Adapter "FX5" Model(s) FX5-CNV-BUSC

Class I, Division 2, Groups A, B, C and D, CPU Module Model(s) Q26UDVCPU-Fnn

Class I, Division 2, Groups A, B, C and D, Graphic operation terminals "GOT1000 Series" Model(s) GT05-MEM-128MC, GT05-MEM-16MC, GT05-MEM-256MC, GT05-MEM-32MC, GT05-MEM-64MC, GT05-MEM-ADPC, GT15-60PSCB, GT15-60PSCW, GT15-60PSGB, GT15-60PSGW, GT15-70PSCB, GT15-70PSCW, GT15-70PSGB, GT15-70PSGW, GT15-75ABUS2L, GT15-75ABUSL, GT15-75IF900, GT15-75J61BT13-Z, GT15-75J71BR13-Z, GT15-75J71LP23-Z, GT15-75QBUS2L, GT15-75QBUSL, GT15-80PSCB, GT15-80PSCW, GT15-80PSGB, GT15-80PSGW, GT15-90PSCB, GT15-90PSCW, GT15-90PSGB, GT15-90PSGW, GT15-ABUS, GT15-ABUS2, GT15-FNB, GT15-J71E71-100, GT15-QBUS, GT15-QBUS2, GT15-QFNB, GT15-QFNB16M, GT15-QFNB32M, GT15-QFNB48M, GT15-RS2-9P, GT15-RS2T4-25P, GT15-RS2T4-9P, GT15-RS4-9S, GT15-RS4-TE, GT15-VHNB, GT15-XHNB, GT1562-VNBA, GT1562VNBD, GT1565-VNBA, GT1565-VNBD, GT1565-VTBA, GT1565-VTBD, GT1572-VNBA, GT1572-VNBD, GT1575-STBA, GT1575-STBD, GT1575-VNBA, GT1575-VNBD, GT1575-VTBA, GT1575-VTBD, GT1585-STBA, GT1585-STBD, GT1595-XTBA

Class I, Division 2, Groups A, B, C and D, Graphic operation terminals "GOT2000 Series" Model(s) GT2508-VTWA, GT2508-VTWD, GT2510-VTWA, GT2510-VTWD, GT2710-VTWA, GT2710-VTWD, GT2712-STWA, GT2712-STWD

Class I, Division 2, Groups A, B, C and D, Graphic Operation Terminals Model(s) GT2507T-WT*D-*** where * is optional and may be 0 to 9 incl., A to Z incl.

Class I, Division 2, Groups A, B, C and D, I/O Extension Unit "FX5" Model(s) FX5-C16EX/D, FX5-C16EX/DS, FX5-C16EYT/D, FX5-C16EYT/DSS, FX5-C32ET/D, FX5-C32ET/DSS, FX5-C32EX/D, FX5-C32EX/DS, FX5-C32EYT/D, FX5-C32EYT/DSS

Class I, Division 2, Groups A, B, C and D, Listed accessory protective sheets Model(s) GT25-08PSCC, GT25-08PSCC-UC, GT25-08PSGC, GT25-10PSCC, GT25-10PSCC-UC, GT25-10PSGC, GT25-12PSCC, GT25-12PSCC-UC, GT25-12PSGC

Class I, Division 2, Groups A, B, C and D, Power Supply "FX5" Model(s) FX5-C1PS-5V

Class I, Division 2, Groups A, B, C and D, Power Supply Model(s) FX5-C1PS-5V

Class I, Division 2, Groups A, B, C and D, Programmable Controller "MELSEC iQ-R" Model(s) R12CCPU-V May be followed by -Fnn, where "nn" is an optional two-character alphanumeric suffix signifying software. C Controller Module R - Indicates MELSEC iQ-R Series 12 - Model division C Controller Module Standard model CCPU - Unit type C Controller Module -V - VxWorks -Fnn - Signifies Variant Software variant (nn=0~9,A~Z/0~9,A~Z)

Class I, Division 2, Groups A, B, C and D, Programmable Controller "MELSEC iQ-R" Model(s) R12CCPU-V May be followed by -Bnnn, where "nnn" is an optional three-character alphanumeric suffix signifying bundle C Controller Module R - Indicates MELSEC iQ-R Series 12 - Model division - C Controller Module Standard model CCPU - C Controller Module -V - VxWorks -Bnnn - Bundle type or variant (nnn=0~9,A~Z/0~9,A~Z/0~9,A~Z)

Class I, Division 2, Groups A, B, C and D, Programmable Controller "MELSEC iQ-R" Model(s) R310B-HT Base module R - Indicates MELSEC iQ-R series 310 - Indicates the base type - 310 - 10 I/O Main base module B - Base module - B - Base module -HT - Ambient Temperature Extension (High Temperature type)

Class I, Division 2, Groups A, B, C and D, Programmable Controller "MELSEC iQ-R" Model(s) R310RB Base module R - Indicates MELSEC iQ-R series 310 - Indicates the base type - 310 - 10 I/O Main base module R - Indicates special function - R - Redundant power supply B - Base module

Class I, Division 2, Groups A, B, C and D, Programmable Controller "MELSEC iQ-R" Model(s) R38RB-HT Base module R - Indicates MELSEC iQ-R series 38 - Indicates the base type - 38 - 8 I/O Main base module R - Indicates special function R - Redundant power supply B - Base module B - Base module -HT - Ambient Temperature Extension (High Temperature type)

Class I, Division 2, Groups A, B, C and D, Programmable Controller "MELSEC iQ-R" Model(s) R610B-HT Base module R - Indicates MELSEC iQ-R series 610 - Indicates the base type - 610 - 10 I/O Extension base module B - Base module -HT - Ambient Temperature Extension (High Temperature type)

Class I, Division 2, Groups A, B, C and D, Programmable Controller "MELSEC iQ-R" Model(s) R610RB Base module R - Indicates MELSEC iQ-R series 610 - Indicates the base type - 610 - 10 I/O Extension base module R - Indicates special function - R - Redundant power supply B - Base module - B - Base module

Class I, Division 2, Groups A, B, C and D, Programmable Controller "MELSEC iQ-R" Model(s) R63RP MELSEC iQ-R series Power Supply modules R - Indicates MELSEC iQ-R series 63 - Indicates power supply unit division 24 V dc input, 5 V dc output RP - Indicates function division Redundant power supply

Class I, Division 2, Groups A, B, C and D, Programmable Controller "MELSEC iQ-R" Model(s) R68RB-HT Base module R - Indicates MELSEC iQ-R series 68 - Indicates MELSEC iQ-R series - 68 - 8 I/O Extension base module R - Indicates special function - R - Redundant power supply B - Base module - B - Base module HT - Ambient Temperature Extension (High Temperature type)

Class I, Division 2, Groups A, B, C and D, Programmable Controller "MELSEC iQ-R" Model(s) TB-MG-18P-E1 TE-X-C18P BKO-C11946 A/D Conversion module R - Indicates MELSEC iQ-R series 6 - Indicates unit type division - 6 - Analog 0 - Indicates unit running number AD - Indicates function division - AD - Analog input H - Indicates function division - H - Fast conversion 4 - Indicates type of channel - 4 - 4 channel

Class I, Division 2, Groups A, B, C and D, Programmable Controller, special function unit Model(s) FX5-232ADP

Class I, Division 2, Groups A, B, C and D, Programmable Controllers "FX5UC" Model(s) FX5UC-32MT/D may be followed by additional letters and/or numbers.

Class I, Division 2, Groups A, B, C and D, Programmable Controllers "FX5UC" Model(s) FX5UC-32MT/DSS may be followed by additional letters and/or numbers.

Class I, Division 2, Groups A, B, C and D, Programmable Controllers "FX5UC" Model(s) FX5UC-64MT/D may be followed by additional letters and/or numbers.

Class I, Division 2, Groups A, B, C and D, Programmable Controllers "FX5UC" Model(s) FX5UC-64MT/DSS may be followed by additional letters and/or numbers.

Class I, Division 2, Groups A, B, C and D, Programmable Controllers "FX5UC" Model(s) FX5UC-96MT/D may be followed by additional letters and/or numbers.

Class I, Division 2, Groups A, B, C and D, Programmable Controllers "FX5UC" Model(s) FX5UC-96MT/DSS may be followed by additional letters and/or numbers.

Class I, Division 2, Groups A, B, C and D, Programmable Controllers "MELSEC-iQ-R Series Programmable Controllers" Model(s) R6SFM

Class I, Division 2, Groups A, B, C and D, Programmable Controllers Model(s) R04ENCPU, R08ENCPU, R08PCPU, R08SFCPU, R120ENCPU, R120PCPU, R120SFCPU, R12CCPU-V, R16ENCPU, R16PCPU, R16SFCPU, R310B-HT, R310RB, R32ENCPU, R32PCPU, R32SFCPU, R38RB-HT, R60AD16-G, R60AD8-G, R60ADH4, R60DA16-G, R60DA8-G, R60RD8-G, R60TCRT4, R60TCRT4BW, R60TCRT2TT2, R60TCRT2TT2BW, R60TD8-G, R610B-HT, R610RB, R62P, R63RP, R64P, R64RP, R68RB-HT, R6RFM, RD55UP06-V, RD81DL96, RD81MES96, RJ72GF15-T2, RX40NC6B, RX40NC6H, RX40PC6H, RX41C6HS, RX61C6HS, RY40PT5B, RY41NT2H, RY41PT2H

Class I, Division 2, Groups A, B, C and D, Programmable Controllers for Use in HazLoc "Melsec-Q Series" Model(s) Q02PHCPU, Q03UDECPU, Q03UDVCP, Q04UDEHCPU, Q04UDPVCPU, Q04UDVCP, Q06PHCPU, Q06UDEHCPU, Q06UDPVCPU, Q06UDVCP, Q100UDEHCPU, Q10UDEHCPU, Q12DCCPU-V, Q12DCCPU-V-Bnnn, Q12DCCPU-V-Fnn, Q12PHCPU, Q12PRHCPU, Q13UDEHCPU, Q13UDPVCPU, Q13UDVCP, Q20UDEHCPU, Q25PHCPU, Q25PRHCPU, Q26UDEHCPU, Q26UDPVCPU, Q26UDVCP, Q2MEM-2MBS, Q312B, Q35B, Q38B, Q38RB, Q50UDEHCPU, Q612B, Q61LD, Q61P, Q61P-D, Q62AD-DGH, Q62DA-FG, Q62DAN, Q62HLC, Q62P, Q63P, Q63RP, Q64AD, Q64AD-GH, Q64AD2DA, Q64ADH, Q64DAH, Q64DAN, Q64PN, Q64RD, Q64RP, Q64RPN, Q64TCRT, Q64TCRTBW, Q64TCRTBWN, Q64TCRTN, Q64TCTT, Q64TCTTBW, Q64TCTTBWN, Q64TCTTN, Q64TD, Q64TDV-GH, Q65B, Q65WRB, Q66AD-DG, Q66DA-G, Q68AD-G, Q68ADI, Q68ADV, Q68B, Q68DAIN, Q68DAVN, Q68RB, Q68TD-G-H01, Q68TD-G-H02, QC05B, QC06B, QC10TR, QC30B, QC30TR, QD60P8-G, QD81DL96, QD81MEM-8GBC, QI60, QJ61BT11N, QJ71C24N, QJ71C24N-R2, QJ71C24N-R4, QJ71E71-100, QJ71GF11-T2, QJ71GP21-SX, QJ71GP21S-SX, QJ71LP21-25, QJ71LP21S-25, QJ71MB91, QJ71MT91, QJ71PB92V, QJ71PB93D, QJ72LP25-25, QX10, QX42, QX70, QX71, QX72, QX80, QX81, QX82, QY10, QY22, QY70, QY71, QY80, QY81P, QY82P

Class I, Division 2, Groups A, B, C and D, Programmable controllers, A/D conversion Model(s) R60AD4 (a), R60ADI8 (a), R60ADV8 (a)

Class I, Division 2, Groups A, B, C and D, Programmable controllers, accessory extended SRAM unit "MELSEC" Model(s) NZ2MC-1MBS, NZ2MC-2MBS, NZ2MC-4MBS, NZ2MC-8MBS, RC50B (a)

Class I, Division 2, Groups A, B, C and D, Programmable controllers, accessory extended SRAM unit, "MELSEC" Model(s) NZ2MC-16MBS, NZ2MC-16MBSE, NZ2MC-8MBSE

Class I, Division 2, Groups A, B, C and D, Programmable controllers, accessory, extension cables Model(s) RC06B (a), RC12B (a), RC30B (a)

Class I, Division 2, Groups A, B, C and D, Programmable controllers, base Model(s) R312B (a), R33B, R35B (a), R38B (a), R612B (a), R65B (a), R68B (a), RQ612B (a), RQ65B (a), RQ68B (a)

Class I, Division 2, Groups A, B, C and D, Programmable controllers, CC-Link IE controller network optical fiber type Model(s) RJ71GP21-SX (a)

Class I, Division 2, Groups A, B, C and D, Programmable controllers, CC-Link IE field network master/local Model(s) RJ71GF11-T2 (a)

Class I, Division 2, Groups A, B, C and D, Programmable controllers, CC-Link system master/local Model(s) RJ61BT11 (a)

Class I, Division 2, Groups A, B, C and D, Programmable controllers, CPU Model(s) R04CPU (a), R08CPU (a), R120CPU (a), R16CPU (a), R32CPU (a)

Class I, Division 2, Groups A, B, C and D, Programmable controllers, D/A conversion Model(s) R60DA4 (a), R60DAI8 (a), R60DAV8 (a)

Class I, Division 2, Groups A, B, C and D, Programmable controllers, ethernet interface with CC-Link IE Model(s) RJ71EN71 (a)

Class I, Division 2, Groups A, B, C and D, Programmable controllers, high-speed counter Model(s) RD62D2 (a), RD62P2 (a), RD62P2E (a)

Class I, Division 2, Groups A, B, C and D, Programmable controllers, I/O Model(s) RH42C4NT2P (a), RX10 (a), RX40C7 (a), RX42C4 (a), RY10R2 (a), RY40NT5P (a), RY40PT5P (a), RY41PT1P (a), RY42NT2P (a), RY42PT1P (a)

Class I, Division 2, Groups A, B, C and D, Programmable controllers, positioning Model(s) RD75D2 (a), RD75D4 (a), RD75P2 (a), RD75P4 (a)

Class I, Division 2, Groups A, B, C and D, programmable controllers, power supply Model(s) R61P (a), R63P (a)

Class I, Division 2, Groups A, B, C and D, Programmable controllers, serial communication Model(s) RJ71C24 (a), RJ71C24-R2 (a), RJ71C24-R4 (a)

Class I, Division 2, Groups A, B, C and D, Special Function Unit "FX5" Model(s) FX5-232ADP, FX5-485ADP

Class I, Division 2, Groups A, B, C and D, Special Function Unit Model(s) FX3U-J1939

Programmable Controller "MELSEC iQ-R" Model(s) R04ENCPU, R08ENCPU, R08PCPU, R08SFCPU, R120ENCPU

Programmable Controller "MELSEC iQ-R" Model(s) R120SFCPU R, followed by 04, 08, 16, 32, or 120, followed by SFCPU

Programmable Controller "MELSEC iQ-R" Model(s) R16ENCPU, R16PCPU, R16SFCPU, R32ENCPU, R32PCPU, R32SFCPU, R60AD16-G, R60AD8-G, R60DA16-G, R60DA8-G, R60RD8-G, R60TCRT4, R60TCRT4BW, R60TCTRT2TT2, R60TCTRT2TT2BW, R60TD8-G, R64P, R64RP, R6RFM, R6SFM

Programmable Controller "MELSEC iQ-R" Model(s) RD55UP06-V may be followed by -Bnnn, where "nnn" is an optional three-character alphanumeric suffix signifying bundle

Programmable Controller "MELSEC iQ-R" Model(s) RD81DL96, RD81MES96, RJ72GF15-T2, RX40NC6B, RX40NC6H, RX40PC6H, RX41C6HS, RX61C6HS, RY40PT5B, RY41NT2H, RY41PT2H

Programmable Controller "MELSEC-iQ-R" Model(s) R62P

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