

# NRAG.E198998 - Programmable Controllers for Use in Hazardous Locations

## Programmable Controllers for Use in Hazardous Locations

See General Information for Programmable Controllers for Use in Hazardous Locations

### OMRON CORP

SAFETY STANDARDS GROUP  
IAB GLOBAL QUALITY CENTER  
SHIOKOJI HORIKAWA  
SHIMOGYO-KU, KYOTO 600-8530 JAPAN

E198998

Trademark and/or Tradename: 

**accessory duplex connecting cables**, Model(s) CS1W-CN followed by two digit numbers, followed by 1 or 3, followed by 1 or 3, followed by 1 or 3.

**accessory duplex connecting cables**, Model(s) CV500-CN followed by two digit numbers, followed by 2 followed by 2 followed by 2

**Class I, Division 2, Groups A, B, C and D, A/D D/A units**, Model(s) CS1W-MAD44

**Class I, Division 2, Groups A, B, C and D, A/D units**, Model(s) CS1W-AD041, CS1W-AD081, CS1W-AD161

**Class I, Division 2, Groups A, B, C and D, accessories for NS8, NS10 or NS12 video input board**, Model(s) NS-CA001

**Class I, Division 2, Groups A, B, C and D, accessories, battery**, Model(s) 3GA9-BAT08

**Class I, Division 2, Groups A, B, C and D, accessories, controller link units**, Model(s) NSJW-CLK21 (a)

**Class I, Division 2, Groups A, B, C and D, accessories, ethernet units**, Model(s) NSJW-ETN21 (a)

**Class I, Division 2, Groups A, B, C and D, accessories, I/O control units**, Model(s) NSJW-IC101 (a)

**Class I, Division 2, Groups A, B, C and D, accessories, internal cable to connect between TBR and TBL**, Model(s) GCN2-100

**Class I, Division 2, Groups A, B, C and D, accessories, memory cassettes**, Model(s) CQM1-ME04K, CQM1-ME08K, CQM1-ME08R

**Class I, Division 2, Groups A, B, C and D, accessories, option boards**, Model(s) CP1W-CIF01, CP1W-CIF11\*

**Class I, Division 2, Groups A, B, C and D, accessories, resolver for CJ1W-CP120**, Model(s) 3F88L-RS15, 3F88L-RS17, 3F88L-RS17T

**Class I, Division 2, Groups A, B, C and D, accessories, wire terminal unit**, Model(s) XW2B-80J7-1A

**Class I, Division 2, Groups A, B, C and D, accessory duplex connecting cables**, Model(s) CS1W-CN, followed by two digit numbers, followed by 1 or 3.

**Class I, Division 2, Groups A, B, C and D, accessory duplex connecting cables**, Model(s) CV500-CN, followed by two digit numbers, followed by 2.

**Class I, Division 2, Groups A, B, C and D, analog units**, Model(s) CJ1W-AD041, CJ1W-AD042, CJ1W-AD081, CJ1W-DA021, CJ1W-DA041, CJ1W-DA042V, CJ1W-DA08C, CJ1W-DA08V, CJ1W-MAD42

**Class I, Division 2, Groups A, B, C and D, analog units inputs**, Model(s) GRT1-AD2

**Class I, Division 2, Groups A, B, C and D, analog units outputs**, Model(s) GRT1-DA2C, GRT1-DA2V

**Class I, Division 2, Groups A, B, C and D, cables for resolvers**, Model(s) 3F88L-CR\*\*\*C (for 3F88L-RS17(T)) (b), 3F88L-CR\*\*\*NA (for 3F88L-RS15) (b)

**Class I, Division 2, Groups A, B, C and D, communication units**, Model(s) GRT1-DRT

**Class I, Division 2, Groups A, B, C and D, CompoBus/S units**, Model(s) CJ1W-SRM21

**Class I, Division 2, Groups A, B, C and D, control link I/F units**, Model(s) NS-CLK21

**Class I, Division 2, Groups A, B, C and D, control net units**, Model(s) NE1S-CNS21U, UZ01-CNS21U

**Class I, Division 2, Groups A, B, C and D, controller link units**, Model(s) CJ1W-CLK21, CJ1W-CLK23, CS1W-CLK12, CS1W-CLK13, CS1W-CLK21, CS1W-CLK23, CS1W-CLK52, CS1W-CLK53

**Class I, Division 2, Groups A, B, C and D, controller units**, Model(s) CJ1W-CT021

**Class I, Division 2, Groups A, B, C and D, coordinator modules**, Model(s) FQM1-CM001, FQM1-CM001\*, FQM1-CM002

**Class I, Division 2, Groups A, B, C and D, CPU Units, "CS1D"**, Model(s) CS1D-CPU44SA, CS1D-CPU67HA, CS1D-CPU67SA, CS1D-CPU68HA

**Class I, Division 2, Groups A, B, C and D, CPU units**, Model(s) CJ1, followed by G, H or M, followed by CPU, followed by 1, 2, 4 or 6, followed by 1, 2, 3, 4, 5, 6 or 7, may be followed by H or P, may be followed by (FP), may be followed by -V, followed by a number or ETN, GTC or R, may be followed by additional letters and/or numbers.

**Class I, Division 2, Groups A, B, C and D, CPU units**, Model(s) CP1, followed by H, may be followed by X or Y, may be followed by A, followed by 20 or 40, followed by D, followed by R, T or T1, followed by A or D, may be followed by additional letters and/or numbers.

**Class I, Division 2, Groups A, B, C and D, CPU units**, Model(s) CS1D-CPU42S, CS1D-CPU44S, CS1D-CPU63H, CS1D-CPU64H, CS1D-CPU65H, CS1D-CPU65P, CS1D-CPU65S, CS1D-CPU66H, CS1D-CPU67H, CS1D-CPU67P, CS1D-CPU67S, CS1G-CPU42H, CS1G-CPU43H, CS1G-CPU44H, CS1G-CPU45H, CS1H-CPU63H, CS1H-CPU64H, CS1H-CPU65H, CS1H-CPU66H, CS1H-CPU67H, NE1S-CPU

**Class I, Division 2, Groups A, B, C and D, D/A units**, Model(s) CS1W-DA041, CS1W-DA08C, CS1W-DA08V

**Class I, Division 2, Groups A, B, C and D, device net units**, Model(s) CJ1W-DRM21, CSIW-DRM21

**Class I, Division 2, Groups A, B, C and D, device net units**, Model(s) DRT2, may be followed by AD or DA, may be followed by 04 or 02, may be followed by an additional number from 300 thru 899.

**Class I, Division 2, Groups A, B, C and D, device net units**, Model(s) NE1S-DRM21U

**Class I, Division 2, Groups A, B, C and D, duplex CPU and duplex power supply base backplanes**, Model(s) CS1D-BC042D, CS1D-BC052

**Class I, Division 2, Groups A, B, C and D, duplex power supply expansion backplanes**, Model(s) CS1D-BI082D, CS1D-BI092

**Class I, Division 2, Groups A, B, C and D, duplex units**, Model(s) CS1D-DPL01, CS1D-DPL02D

**Class I, Division 2, Groups A, B, C and D, end covers**, Model(s) CJ1W-TER01

**Class I, Division 2, Groups A, B, C and D, end modules**, Model(s) FQM1-TER01\*

**Class I, Division 2, Groups A, B, C and D, ethernet units**, Model(s) CJ1W-ETN11, CJ1W-ETN21, CS1W-ETN11, CS1W-ETN21, CSID-ETN21D

**Class I, Division 2, Groups A, B, C and D, ethernet/IP units**, Model(s) CJ1W-EIP21, CS1W-EIP21

**Class I, Division 2, Groups A, B, C and D, EXC boards**, Model(s) CSIW-EXC21

**Class I, Division 2, Groups A, B, C and D, expansion remote terminals**, Model(s) XWT, followed by ID or OD, followed by 08 or 16, may be followed by 1, may be followed by additional letters and/or numbers.

**Class I, Division 2, Groups A, B, C and D, expansion units**, Model(s) CJ1W-IC101, CJ1W-II101

**Class I, Division 2, Groups A, B, C and D, FL-net units**, Model(s) CJ1W-FLN22, CS1W-FLN22

**Class I, Division 2, Groups A, B, C and D, flexible motion controllers**, Model(s) FQM1\*

**Class I, Division 2, Groups A, B, C and D, I/O connecting cables**, Model(s) CP1W-CN811\*

**Class I, Division 2, Groups A, B, C and D, I/O control modules**, Model(s) FQM1-IC101

**Class I, Division 2, Groups A, B, C and D, I/O control units**, Model(s) CS1D-IC102D

**Class I, Division 2, Groups A, B, C and D, I/O interface units**, Model(s) CS1D-II102D

**Class I, Division 2, Groups A, B, C and D, I/O unit inputs**, Model(s) CJ1W-IA111, CJ1W-IA201, CJ1W-ID201, CJ1W-ID211, CJ1W-ID231, CJ1W-ID232, CJ1W-ID261, CJ1W-ID262, CJ1W-IDP01, GRT1-ID4, GRT1-ID4-1

**Class I, Division 2, Groups A, B, C and D, I/O unit outputs**, Model(s) CJ1W-OA201, CJ1W-OC201, CJ1W-OC211, CJ1W-OD201, CJ1W-OD202, CJ1W-OD203, CJ1W-OD204, CJ1W-OD211, CJ1W-OD212, CJ1W-OD231, CJ1W-OD232, CJ1W-OD233, CJ1W-OD261, CJ1W-OD262, CJ1W-OD263, GRT1-OD4, GRT1-OD4-1, GRT1-OD4G-1, GRT1-ROS2

**Class I, Division 2, Groups A, B, C and D, input units**, Model(s) CS1W-IA111, CS1W-ID211, CS1W-ID231, CS1W-ID261, CS1W-IDP01, CS1W-INT01

**Class I, Division 2, Groups A, B, C and D, input/output units**, Model(s) CJ1W-MD231, CJ1W-MD232, CJ1W-MD233, CJ1W-MD261, CJ1W-MD263, CJ1W-MD531, CJ1W-MD533, CJ1W-MD561, CJ1W-MD563

**Class I, Division 2, Groups A, B, C and D, input/output units**, Model(s) CS1W, followed by PTS, followed by 5, followed by 1 or 2, may be followed by an additional number from 300 thru 899.

**Class I, Division 2, Groups A, B, C and D, interface units**, Model(s) CJ1W-CIF11

**Class I, Division 2, Groups A, B, C and D, interrupt input units**, Model(s) CJ1W-INT01

**Class I, Division 2, Groups A, B, C and D, isolated 2W transmitter input units**, Model(s) CS1W-PTW01

**Class I, Division 2, Groups A, B, C and D, isolated A/D units**, Model(s) CJ1W-PDC15, CS1W-PDC01, CS1W-PDC11, CS1W-PDC55

**Class I, Division 2, Groups A, B, C and D, isolated D/A units**, Model(s) CS1W-PMV01, CS1W-PMV02

**Class I, Division 2, Groups A, B, C and D, isolated pulse input units**, Model(s) CS1W-PPS01

**Class I, Division 2, Groups A, B, C and D, isolated RTD input units**, Model(s) CJ1W-PTS16, CS1W-PTS02, CS1W-PTS03, CS1W-PTS12, CS1W-PTS56

**Class I, Division 2, Groups A, B, C and D, isolated thermocouple input units**, Model(s) CJ1W-PTS15, CS1W-PTS01, CS1W-PTS11, CS1W-PTS55

**Class I, Division 2, Groups A, B, C and D, isolated universal input units**, Model(s) CJ1W-PH41U

**Class I, Division 2, Groups A, B, C and D, loop control boards**, Model(s) CS1D-LCB05, CS1W-LC001, CS1W-LCB01, CS1W-LCB05, CS1W-LCB05-GTC

**Class I, Division 2, Groups A, B, C and D, mA input units**, Model(s) CS1W-PTR01

**Class I, Division 2, Groups A, B, C and D, memory cassettes**, Model(s) CP1W-ME05M CJ\*

**Class I, Division 2, Groups A, B, C and D, mix I/O units**, Model(s) CS1W-MD261

**Class I, Division 2, Groups A, B, C and D, motion modules**, Model(s) FQM1-MMA21, FQM1-MMA21\*, FQM1-MMA22, FQM1-MMP21, FQM1-MMP21\*, FQM1-MMP22

**Class I, Division 2, Groups A, B, C and D, mV input units**, Model(s) CS1W-PTR02

**Class I, Division 2, Groups A, B, C and D, open network controllers**, Model(s) ITNC-EPX01-DRM (a), TNC-EPX01 (a)

**Class I, Division 2, Groups A, B, C and D, open type power supplies**, Model(s) C200HW, followed by -PA, followed by 204, followed by C, may be followed by an additional number from 300 thru 999.

**Class I, Division 2, Groups A, B, C and D, open type power supplies**, Model(s) CJ1W, followed by -PA, followed by 205, followed by C, may be followed by an additional number from 300 thru 999.

**Class I, Division 2, Groups A, B, C and D, open type remote I/O terminals**, Model(s) DST1-ID12SL-1 (a), DST1-MD16SL-1 (a), DST1-XD0808SL-1 (a)

**Class I, Division 2, Groups A, B, C and D, output units**, Model(s) CS1W-OC201, CS1W-OC211, CS1W-OD211, CS1W-OD231, CS1W-OD261, CS1W-OD262

**Class I, Division 2, Groups A, B, C and D, PLC terminal units**, Model(s) XW2B, followed by 20, 40 or 50, followed by G, followed by 4, may be followed by additional letters and/or numbers.

**Class I, Division 2, Groups A, B, C and D, position control units**, Model(s) CJ1W-NC113, CJ1W-NC133, CJ1W-NC213, CJ1W-NC214, CJ1W-NC233, CJ1W-NC234, CJ1W-NC271, CJ1W-NC281, CJ1W-NC413, CJ1W-NC414, CJ1W-NC433, CJ1W-NC434, CJ1W-NC471, CJ1W-NC481, CJ1W-NC482, CJ1W-NC881, CJ1W-NC882, CJ1W-NCF71, CJ1W-NCF81, CJ1W-NCF82, CS1W-NC271, CS1W-NC471, CS1W-NCF71

**Class I, Division 2, Groups A, B, C and D, power supplies**, Model(s) ZEN, followed by -PA, followed by 030, followed by 24, may be followed by an additional number from 300 thru 899.

**Class I, Division 2, Groups A, B, C and D, power supply units**, Model(s) CJ1W-PA202, CJ1W-PA205R, CJ1W-PD022, CJ1W-PD025, CS1D-PA207R, CS1D-PD024, CS1D-PD025

**Class I, Division 2, Groups A, B, C and D, power units**, Model(s) GRT1-PD2

**Class I, Division 2, Groups A, B, C and D, process input units**, Model(s) CJ1W, followed by PTS, followed by 5, followed by 1 or 2, may be followed by an additional number from 300 thru 999.

**Class I, Division 2, Groups A, B, C and D, programmable controllers, "SYSMAC Series"**, Model(s) CPM2A-20CDR-A, CPM2A-30CDR-A, CPM2A-40CDR-A, CPM2A-60CDR-A, CPM2AE-60CDR-A, CPM2AH-20CDR-A, CPM2AH-30CDR-A, CPM2AH-40CDR-A, CPM2AH-60CDR-A

**Class I, Division 2, Groups A, B, C and D, programmable controllers, "Sysmac-CS1 Series"**, Model(s) NE1S

**Class I, Division 2, Groups A, B, C and D, programmable controllers**, Model(s) C200H-AD001 (a), C200H-AD003 (a), C200H-ID212 (a), C200H-OC225 (a), C200H-RM201 (a), C200HE-CPU42 (a), C200HW-BC081 (a), C200HW-ME04K (a), C200HW-ME08K (a), C200HW-PD024 (a), C200HW-PD025 (a), CBL-804 (a), CQM1-ID211 (a), CQM1-ID212 (a), CQM1-PD026 (a), CQM1H-CLK21 (a), CQM1H-CPU51 (a)

**Class I, Division 2, Groups A, B, C and D, programmable controllers**, Model(s) NE0A, followed by -SCPU, followed by 01, may be followed by additional letters and/or numbers for sales purpose.

**Class I, Division 2, Groups A, B, C and D, programmable controllers**, Model(s) Sysmac CP1

**Class I, Division 2, Groups A, B, C and D, Programmable Controllers for Use in HazLoc, "SYSMAC Series"**, Model(s) CJ2H CJ2 followed by H, followed by CPU, followed by 6, followed by 1, 2, 3, 4, 5, 6, 7, 8 or 9, may be followed by ?EIP, may be followed by additional letters and/or number(s).

**Class I, Division 2, Groups A, B, C and D, Programmable Controllers for Use in HazLoc, "SYSMAC Series"**, Model(s) CJ2M Model CJ2 followed by M, followed by CPU, followed by 1, 3, followed by 1, 2, 3, 4, or 5, may be followed by additional letters and/or number(s).

**Class I, Division 2, Groups A, B, C and D, programmable controllers, A/D D/A conversion module**, Model(s) CP1W-MAD44

**Class I, Division 2, Groups A, B, C and D, programmable controllers, accessories, for SYSMAC CPU NX units, "SYSMAC Series"**, Model(s) NX-FAN01 Type name may be followed by additional letter(s) and/or number(s) for software type or sales purposes.

**Class I, Division 2, Groups A, B, C and D, programmable controllers, cam positioner unit**, Model(s) CJ1W-CP120

**Class I, Division 2, Groups A, B, C and D, programmable controllers, CPU unit, "SYSMAC Series"**, Model(s) NJ followed by 1, 3 or 5 followed by 01, may be followed by additional letters and/or numbers for software type or sales purposes. followed by 01, may be followed by additional letters and/or numbers for software type or sales purposes. followed by 01, may be followed by additional letters and/or numbers for software type or sales purposes.

**Class I, Division 2, Groups A, B, C and D, programmable controllers, CPU unit, "SYSMAC Series"**, Model(s) NJ, followed by 1, 3 or 5 followed by 01, may be followed by additional letters and/or numbers for software type or sales purposes.

**Class I, Division 2, Groups A, B, C and D, programmable controllers, CPU unit, "SYSMAC Series"**, Model(s) NX Model NX followed by 7, 5, 3, 1, or 0, followed by 0. Type name may be followed by additional letter(s) and/or number(s) for software type or sales purposes.

**Class I, Division 2, Groups A, B, C and D, programmable controllers, CPU unit**, Model(s) NE2A-SCPU01\*

**Class I, Division 2, Groups A, B, C and D, programmable controllers, DeviceNet units**, Model(s) NE2A-DNS21\*

**Class I, Division 2, Groups A, B, C and D, programmable controllers, end covers**, Model(s) NE2A-TER01\*

**Class I, Division 2, Groups A, B, C and D, programmable controllers, end units**, Model(s) NE2A-END\*

**Class I, Division 2, Groups A, B, C and D, programmable controllers, EtherCAT junction slave, "GX Series"**, Model(s) GX-JC03, GX-JC06, GX-JC06-H

**Class I, Division 2, Groups A, B, C and D, programmable controllers, EtherNet/IP units**, Model(s) NE2A-ENS21\*

**Class I, Division 2, Groups A, B, C and D, programmable controllers, I/O units inputs**, Model(s) NE2A-SID4-1\*

**Class I, Division 2, Groups A, B, C and D, programmable controllers, I/O units outputs**, Model(s) NE2A-SOD4-1\*

**Class I, Division 2, Groups A, B, C and D, programmable controllers, inputs/outputs units**, Model(s) CJ2M-MD211\*, CJ2M-MD212\*

**Class I, Division 2, Groups A, B, C and D, programmable controllers, inputs/outputs units**, Model(s) UZ01-NETC, followed by model number, may be followed by H, may be followed by -V or -ETN, followed by a number, may be followed by additional letters and/or numbers.

**Class I, Division 2, Groups A, B, C and D, programmable controllers, interface units**, Model(s) NX-CIF101 Type name may be followed by additional letter(s) and/or number(s) for software type or sales purposes.

**Class I, Division 2, Groups A, B, C and D, programmable controllers, interface units**, Model(s) NX-CIF105 Type name may be followed by additional letter(s) and/or number(s) for software type or sales purposes.

**Class I, Division 2, Groups A, B, C and D, programmable controllers, interface units**, Model(s) NX-CIF210 Type name may be followed by additional letter(s) and/or number(s) for software type or sales purposes.

**Class I, Division 2, Groups A, B, C and D, programmable controllers, IO-link master unit**, Model(s) NX-ILM400\*

**Class I, Division 2, Groups A, B, C and D, programmable controllers, loadcell input unit**, Model(s) NX-RS1201\*

**Class I, Division 2, Groups A, B, C and D, programmable controllers, open-type linking adapter**, Model(s) NE1A-EDR01\*

**Class I, Division 2, Groups A, B, C and D, programmable controllers, power supply units, "SYSMAC Series"**, Model(s) NJ-PA3001 may be followed by additional letters and/or numbers for software type or sales purposes.

**Class I, Division 2, Groups A, B, C and D, programmable controllers, power supply units, "SYSMAC Series"**, Model(s) NJ-PA3001, may be followed by additional letters and/or numbers for software type or sales purposes.

**Class I, Division 2, Groups A, B, C and D, programmable controllers, power supply units, "SYSMAC Series"**, Model(s) NJ-PD3001 may be followed by additional letters and/or numbers for software type or sales purposes.

**Class I, Division 2, Groups A, B, C and D, programmable controllers, power supply units, "SYSMAC Series"**, Model(s) NJ-PD3001 may be followed by additional letters and/or numbers for software type or sales purposes.

**Class I, Division 2, Groups A, B, C and D, programmable controllers, power supply units, "SYSMAC Series"**, Model(s) NX-PA9001 Type name may be followed by additional letter(s) and/or number(s) for software type or sales purposes.

**Class I, Division 2, Groups A, B, C and D, programmable controllers, power supply units, "SYSMAC Series"**, Model(s) NX-PD7001 Type name may be followed by additional letter(s) and/or number(s) for software type or sales purposes.

**Class I, Division 2, Groups A, B, C and D, programmable controllers, power supply units**, Model(s) NE2A-PD025\*

**Class I, Division 2, Groups A, B, C and D, programmable controllers, pulse output units**, Model(s) NX-PG0232-5\*, NX-PG0242-5\*, NX-PG0332-5\*, NX-PG0342-5\*

**Class I, Division 2, Groups A, B, C and D, programmable controllers, remote terminal**, Model(s) GRT1 Series

**Class I, Division 2, Groups A, B, C and D, programmable safety controllers**, Model(s) NE1A-SCPU01, NE1A-SCPU01-EIP, NE1A-SCPU01-EIP-V1, NE1A-SCPU01-V1, NE1A-SCPU01-V1-SM, NE1A-SCPU02, NE1A-SCPU02-EIP, NE1A-SCPU02-EIP-V1, NE1A-SCPU02-SM, NE1A-SCPU01L, NE1A-SCPU02L

**Class I, Division 2, Groups A, B, C and D, programmable terminals**, Model(s) NS, followed by 5, 8, 10, 12 or 15, followed by M, S or T, followed by Q, S, V or X, followed by 0 thru 9, followed by 0 or 1, may be followed by B or S, may be followed by additional letters and/or numbers, may be followed by 2 additional letters and/or numbers, may be followed by HB.

**Class I, Division 2, Groups A, B, C and D, programmable terminals**, Model(s) NSJ, followed by 12, 10, 8 or 5, followed by T, S or M, followed by S, V or Q, followed by 0 thru 9, followed by 0 or 1, may be followed by B, followed by G or M, followed by 1 thru 9, followed by D.

**Class I, Division 2, Groups A, B, C and D, programmable terminals**, Model(s) NT11, followed by S, followed by F, followed by 1, followed by 1 or 2, followed by 1 thru 9, may be followed by B, may be followed by additional letters and/or numbers.

**Class I, Division 2, Groups A, B, C and D, programmable terminals**, Model(s) NT21-ST121 (a), NT21-ST121B (a)

**Class I, Division 2, Groups A, B, C and D, programmable terminals**, Model(s) NT30, may be followed by C, followed by S, followed by T, followed by 1, followed by 3 thru 4, followed by 1, may be followed by B, may be followed by E, may be followed by additional letters and/or numbers.

**Class I, Division 2, Groups A, B, C and D, PSD boards**, Model(s) CS1W-EXC11

**Class I, Division 2, Groups A, B, C and D, QNX control units**, Model(s) CSIW-DES96, DES-96-DRM

**Class I, Division 2, Groups A, B, C and D, remote terminals, "DRT2 Series"**, Model(s) DRT2-ID16SL\*, DRT2-ID16SL-1\*, DRT2-ID16SLH\*, DRT2-ID16SLH-1\*, DRT2-OD16SL\*, DRT2-OD16SL-1\*, DRT2-OD16SLH\*, DRT2-OD16SLH-1\*

**Class I, Division 2, Groups A, B, C and D, remote terminals**, Model(s) DRT2, followed by HD, ID, WD, MD or OD, followed by 04, 08 or 16, followed by C, may be followed by L, maybe followed by -P, may be followed by -1, may be followed by additional letters and/or numbers.

**Class I, Division 2, Groups A, B, C and D, remote terminals**, Model(s) DRT2, followed by ID, OD or MD, followed by 32, followed by SL, may be followed by H, may be followed by 1, may be followed by 08, may be followed by letters and/or numbers.

**Class I, Division 2, Groups A, B, C and D, remote terminals**, Model(s) DRT2, followed by ID, OD, or MD, followed by 08 or 16, may be followed by 1, may be followed by additional letters and/or numbers.

**Class I, Division 2, Groups A, B, C and D, remote terminals**, Model(s) DRT2, followed by ROS, followed by 16, may be followed by letters and/or numbers.

**Class I, Division 2, Groups A, B, C and D, remote terminals**, Model(s) DRT2, followed by TS or AD, followed by 04, followed by T, P or H, may be followed by an additional number from 300 thru 899.

**Class I, Division 2, Groups A, B, C and D, remote terminals**, Model(s) DRT2-ID08, DRT2-ID08-1, DRT2-OD08, DRT2-OD08-1

**Class I, Division 2, Groups A, B, C and D, remote terminals**, Model(s) ERT1, followed by ID, OD or MD, followed by 32, followed by SLH, followed by 1, may be followed by additional letters and/or number.

**Class I, Division 2, Groups A, B, C and D, repeater units**, Model(s) CS1W-RPT01, CS1W-RPT02, CS1W-RPT03

**Class I, Division 2, Groups A, B, C and D, RFID Controller Unit, "NX Series"**, Model(s) NX-V680C1\*, NX-V680C2\*

**Class I, Division 2, Groups A, B, C and D, RGB and video input units**, Model(s) NS-CA002

**Class I, Division 2, Groups A, B, C and D, serial communication units**, Model(s) CJ1W-SCU21, CJ1W-SCU22, CJ1W-SCU32, CJ1W-SCU41, CJ1W-SCU42

**Class I, Division 2, Groups A, B, C and D, single CPU and duplex power supply base backplanes**, Model(s) CS1D-BC082S

**Class I, Division 2, Groups A, B, C and D, space units**, Model(s) CJ1W-SP001

**Class I, Division 2, Groups A, B, C and D, storage and processing units**, Model(s) CJ1W-SPU01, CS1W-SPU01, CS1W-SPU02

**Class I, Division 2, Groups A, B, C and D, temperature control units**, Model(s) CJ1W-TC, followed by 00 or 10, followed by 1, 2, 3 or 4, may be followed by an additional number from 300 thru 999.

**Class I, Division 2, Groups A, B, C and D, temperature input units**, Model(s) GRT1-TS2P, GRT1-TS2PK

**Class I, Division 2, Groups A, B, C and D, terminal end units**, Model(s) GRT1-END

**Class I, Division 2, Groups A, B, C and D, turn back units**, Model(s) GRT1-TBL, GRT1-TBR

**Class I, Division 2, Groups A, B, C and D, unit adaptors**, Model(s) CP1W-EXT01\*

**CPU units**, Model(s) CJ1 followed by G, H or M, followed by CPU, followed by 1, 2, 4 or 6, followed by 1, 2, 3, 4, 5, 6 or 7, may be followed by H or P, may be followed by (FP), may be followed by -V, followed by a number or ETN, GTC or R, may be followed by additional letters and/or numbers.

**CPU units**, Model(s) CP1 followed by H, may be followed by X or Y, may be followed by A, followed by 20 or 40, followed by D, followed by R, T or T1, followed by A or D, may be followed by additional letters and/or numbers. followed by X or Y, may be followed by A, followed by 20 or 40, followed by D, followed by R, T or T1, followed by A or D, may be followed by additional letters and/or numbers. followed by X or Y, may be followed by A, followed by 20 or 40, followed by D, followed by R, T or T1, followed by A or D, may be followed by additional letters and/or numbers.

**device net units**, Model(s) DRT2 may be followed by AD or DA, may be followed by 04 or 02, may be followed by an additional number from 300 thru 899. followed by 04 or 02, may be followed by an additional number from 300 thru 899. followed by 04 or 02, may be followed by an additional number from 300 thru 899.

**expansion remote terminals**, Model(s) XWT followed by ID or OD, followed by 08 or 16, may be followed by 1, may be followed by additional letters and/or numbers. followed by 08 or 16, may be followed by 1, may be followed by additional letters and/or numbers. followed by 08 or 16, may be followed by 1, may be followed by additional letters and/or numbers.

**input/output units**, Model(s) CS1W followed by PTS, followed by 5, followed by 1 or 2, may be followed by an additional number from 300 thru 899. followed by 5, followed by 1 or 2, may be followed by an additional number from 300 thru 899. followed by 5, followed by 1 or 2, may be followed by an additional number from 300 thru 899.

**open type power supplies**, Model(s) C200HW followed by -PA, followed by 204, followed by C, may be followed by an additional number from 300 thru 999. followed by 204, followed by C, may be followed by an additional number from 300 thru 999. followed by 204, followed by C, may be followed by an additional number from 300 thru 999.

**open type power supplies**, Model(s) CJ1W followed by -PA, followed by 205, followed by C, may be followed by an additional number from 300 thru 999. followed by 205, followed by C, may be followed by an additional number from 300 thru 999. followed by 205, followed by C, may be followed by an additional number from 300 thru 999.

**PLC terminal units**, Model(s) XW2B followed by 20, 40 or 50, followed by G, followed by 4, may be followed by additional letters and/or numbers. followed by G, followed by 4, may be followed by additional letters and/or numbers. followed by G, followed by 4, may be followed by additional letters and/or numbers.

**power supplies**, Model(s) ZEN followed by -PA, followed by 030, followed by 24, may be followed by an additional number from 300 thru 899. followed by 030, followed by 24, may be followed by an additional number from 300 thru 899. followed by 030, followed by 24, may be followed by an additional number from 300 thru 899.

**process input units**, Model(s) CJ1W followed by PTS, followed by 5, followed by 1 or 2, may be followed by an additional number from 300 thru 999. followed by 5, followed by 1 or 2, may be followed by an additional number from 300 thru 999. followed by 5, followed by 1 or 2, may be followed by an additional number from 300 thru 999.

**programmable controllers, "SYSMAC Series"**, Model(s) CJ2 followed by H or M, followed by CPU, followed by 1, 3 or 6, followed by 1, 2, 3, 4, 5, 6, 7 or 8, may be followed by -EIP, may be followed by additional letters and/or numbers. followed by CPU, followed by 1, 3 or 6, followed by 1, 2, 3, 4, 5, 6, 7 or 8, may be followed by -EIP, may be followed by additional letters and/or numbers. followed by CPU, followed by 1, 3 or 6, followed

by 1, 2, 3, 4, 5, 6, 7 or 8, may be followed by -EIP, may be followed by additional letters and/or numbers.

**programmable controllers**, Model(s) NE0A followed by -SCPU, followed by 01, may be followed by additional letters and/or numbers for sales purpose.followed by 01, may be followed by additional letters and/or numbers for sales purpose.followed by 01, may be followed by additional letters and/or numbers for sales purpose.

**programmable controllers, inputs/outputs units**, Model(s) UZ01-NETC followed by model number, may be followed by H, may be followed by -V or -ETN, followed by a number, may be followed by additional letters and/or numbers.followed by H, may be followed by -V or -ETN, followed by a number, may be followed by additional letters and/or numbers.followed by H, may be followed by -V or -ETN, followed by a number, may be followed by additional letters and/or numbers.

**programmable terminals**, Model(s) NS followed by 5, 8, 10, 12 or 15, followed by M, S or T, followed by Q, S, V or X, followed by 0 thru 9, followed by 0 or 1, may be followed by B or S, may be followed by additional letters and/or numbers, may be followed by 2 additional letters and/or numbers, may be followed by HB.

**programmable terminals**, Model(s) NSJ followed by 12, 10, 8 or 5, followed by T, S or M, followed by S, V or Q, followed by 0 thru 9, followed by 0 or 1, may be followed by B, followed by G or M, followed by 1 thru 9, followed by D.followed by T, S or M, followed by S, V or Q, followed by 0 thru 9, followed by 0 or 1, may be followed by B, followed by G or M, followed by 1 thru 9, followed by D.followed by T, S or M, followed by S, V or Q, followed by 0 thru 9, followed by 0 or 1, may be followed by B, followed by G or M, followed by 1 thru 9, followed by D.

**programmable terminals**, Model(s) NT11 followed by S, followed by F, followed by 1, followed by 1 or 2, followed by 1 thru 9, may be followed by B, may be followed by additional letters and/or numbers.followed by F, followed by 1, followed by 1 or 2, followed by 1 thru 9, may be followed by B, may be followed by additional letters and/or numbers.followed by F, followed by 1, followed by 1 or 2, followed by 1 thru 9, may be followed by B, may be followed by additional letters and/or numbers.

**programmable terminals**, Model(s) NT30 may be followed by C, followed by S, followed by T, followed by 1, followed by 3 thru 4, followed by 1, may be followed by B, may be followed by E, may be followed by additional letters and/or numbers.followed by S, followed by T, followed by 1, followed by 3 thru 4, followed by 1, may be followed by B, may be followed by E, may be followed by additional letters and/or numbers.followed by S, followed by T, followed by 1, followed by 3 thru 4, followed by 1, may be followed by B, may be followed by E, may be followed by additional letters and/or numbers.

**remote terminals**, Model(s) DRT2 followed by HD, ID, WD, MD or OD, followed by 04, 08 or 16, followed by C, may be followed by L, maybe followed by -P, may be followed by -1, may be followed by additional letters and/or numbers.followed by 04, 08 or 16, followed by C, may be followed by L, maybe followed by -P, may be followed by -1, may be followed by additional letters and/or numbers.followed by 04, 08 or 16, followed by C, may be followed by L, maybe followed by -P, may be followed by -1, may be followed by additional letters and/or numbers.

**remote terminals**, Model(s) DRT2 followed by ID, OD or MD, followed by 32, followed by SL, may be followed by H, may be followed by 1, may be followed by 08, may be followed by letters and/or numbers.followed by 32, followed by SL, may be followed by H, may be followed by 1, may be followed by 08, may be followed by letters and/or numbers.followed by 32, followed by SL, may be followed by H, may be followed by 1, may be followed by 08, may be followed by letters and/or numbers.

**remote terminals**, Model(s) DRT2 followed by ID, OD, or MD, followed by 08 or 16, may be followed by 1, may be followed by additional letters and/or numbers.followed by 08 or 16, may be followed by 1, may be followed by additional letters and/or numbers.followed by 08 or 16, may be followed by 1, may be followed by additional letters and/or numbers.

**remote terminals**, Model(s) DRT2 followed by ROS, followed by 16, may be followed by letters and/or numbers.followed by 16, may be followed by letters and/or numbers.followed by 16, may be followed by letters and/or numbers.

**remote terminals**, Model(s) DRT2 followed by TS or AD, followed by 04, followed by T, P or H, may be followed by an additional number from 300 thru 899.followed by 04, followed by T, P or H, may be followed by an additional number from 300 thru 899.followed by 04, followed by T, P or H, may be followed by an additional number from 300 thru 899.

**remote terminals**, Model(s) ERT1 followed by ID, OD or MD, followed by 32, followed by SLH, followed by 1, may be followed by additional letters and/or number.followed by 32, followed by SLH, followed by 1, may be followed by additional letters and/or number.followed by 32, followed by SLH, followed by 1, may be followed by additional letters and/or number.

**temperature control units**, Model(s) CJ1W-TC followed by 00 or 10, followed by 1, 2, 3 or 4, may be followed by an additional number from 300 thru 999.followed by 1, 2, 3 or 4, may be followed by an additional number from 300 thru 999.followed by 1, 2, 3 or 4, may be followed by an additional number from 300 thru 999.

(a) - May be followed by additional letters and/or numbers.

(b) - Where \*\*\* indicates the length of the cable.

\* - May be followed by additional letters and/or numbers for sales purposes.

Last Updated on 2020-06-20

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2021 UL LLC"