# UL Online Certifications Directory

## NRAG.E211795
## Programmable Controllers for Use in Hazardous Locations

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## Programmable Controllers for Use in Hazardous Locations

See General Information for Programmable Controllers for Use in Hazardous Locations

**IDEC CORP** E211795
7-31 NISHIMIYAHARA 1-CHOME
YODOGAWA-KU
OSAKA, 532-8550 JAPAN

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**Class I, Division 2, Groups A, B, C and D.**

**Open-type programmable controllers, LOGO** , Cat. No. FL1C-H12SND.

Cat Nos. FL1D-H12SND, FL1D-K2B2.

**Programmable controllers, FC3A Series**, CPU Module, Cat. Nos. FC3A-CP1K, -CP1S, -CP2K, -CP2S, -CP1KM, -CP1SM, -CP2KM, -CP2SM; Relay Output Module, Cat. Nos. FC3A-R161, -R162; Transistor Sink Output Modules, Cat. Nos. FC3A-T16K1, -T16K3, -T16K6, -T32K4, T32K5, T32K6; DC Input Module, Cat Nos. FC3A-N16B1, -N16B3, -N16B6, -N32B4, -N32B5, -N32B6; AC Input Module, Cat. Nos. FC3A-N08A11, -N08A13; Analog Input 6-Channel Module, Cat. No. FC3A-AD1261; Expansion Module, Cat. No. FC3A-EA1; Network Interface Module, Cat. Nos. FC3A-SX5DS1, -SX5SS1, -SX51S1; Remote I/O Master Module, Cat. No. FC3A-SX5SM1; Analog Output 2-Channel Module, Cat. No. FC3A-DA1221.

**Programmable controllers, FC4A Series**, Base module: FC4A-C10R2, -C10R2C, -C16R2, -C16R2C, -C24R2, -C24R2C, -D20K3, -D20S3; Base module: FC4A-D20RK1, -D20RS1, -D40K3, -D40S3, may be followed by -DS828; Expansion module: FC4A-R081, -R161, -T08K1, -T08S1, -T16K3, -T16S3, -T32K3, -T32S3, -N08B1, -N16B1, -N16B3, -N32B3, -M08BR1, -M24BR2, -L03AP1, -L03A1, -J2A1, -K1A1, -N08A11 ; Communication module: FC4A-HPC1, -HPC2, -HPC3; AS-i Master Module: FC4A-AS62M; Web server unit: FC4A-SX5ES1J, -SX5ES1E.

**Programmable display operator interface HG2F, HG3F and HG4F Series**, Base module: HG2F-SS22VF, -SB22VF, -SS52VF, -SB52VF-SS22VBF, -SS22VCF, -SS22VDF, -SB22VBF, -SB22VCF, -SB22VDF, -SS52VBF, -SS52VCF, -SS52VDF, -SB52VBF, -SB52VCF, -SB52VDF ; HG3F-FT22TF-B, -FT22TF-W, -FT22VF-B, -FT22VF-W, HG4F-JT22TF-B, -JT22TF-W, -JT22VF-B, -JT22VF-W.

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Fig. 2

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## Programmable Controllers for Use in Hazardous Locations Certified for Canada

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**IDEC CORP** E211795
7-31 NISHIMIYAHARA 1-CHOME
YODOGAWA-KU
OSAKA, 532-8550 JAPAN

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**Class I, Division 2, Groups A, B, C and D.**

**Open-type programmable controllers, LOGO**, Cat. No. FL1C-H12SND.

Cat Nos. FL1D-H12SND, FL1D-K2B2.

**Programmable controllers, FC3A Series**, CPU Module, Cat. Nos. FC3A-CP1K, -CP1S, -CP2K, -CP2S, -CP1KM, -CP1SM, -CP2KM, -CP2SM; Relay Output Module, Cat. Nos. FC3A-R161, -R162; Transistor Sink Output Modules, Cat. Nos. FC3A-T16K1, -T16K3, -T16K6, -T32K4, T32K5, T32K6; DC Input Module, Cat Nos. FC3A-N16B1, -N16B3, -N16B6, -N32B4, -N32B5, -N32B6; AC Input Module, Cat. Nos. FC3A-N08A11, -N08A13; Analog Input 6-Channel Module, Cat. No. FC3A-AD1261; Expansion Module, Cat. No. FC3A-EA1; Network Interface Module, Cat. Nos. FC3A-SX5DS1, -SX5SS1, -SX51S1; Remote I/O Master Module, Cat. No. FC3A-SX5SM1; Analog Output 2-Channel Module, Cat. No. FC3A-DA1221.

**Programmable controllers, FC4A Series**, Base module: FC4A-C10R2, -C10R2C, -C16R2, -C16R2C, -C24R2, -C24R2C, -D20K3, -D20S3 ; Base module: FC4A-D20RK1, -D20RS1, -D40K3, -D40S3 may be followed by -DS828; Expansion module: FC4A-R081, -R161, -T08K1, -T08S1, -T16K3, -T16S3, -T32K3, -T32S3, -N08B1, -N16B1, -N16B3, -N32B3, -M08BR1, -M24BR2, -L03AP1, -L03A1, -J2A1, -K1A1, -N08A11 ; Communication module: FCA4A-HPC1, -HPC2, -HPC3; AS-i Master Module: FC4A-AS62M; Web server unit: FC4A-SX5ES1J, -SX5ES1E.

**Programmable display operator interface HG2F Series**, Base module: HG2F-SS22VF, -SB22VF, -SS52VF, -SB52VF-SS22VBF, -SS22VCF, -SS22VDF, -SB22VBF, -SB22VCF, -SB22VDF, -SS52VBF, -SS52VCF, -SS52VDF, -SB52VBF, -SB52VCF, -SB52VDF ; HG3F-FT22TF-B, -FT22TF-W, -FT22VF-B, -FT22VF-W, HG4F-JT22TF-B, -JT22TF-W, -JT22VF-B, -JT22VF-W.

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Fig. 2

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## Programmable Controllers for Use in Class I, Zone 0, 1 and 2 Hazardous Locations

See General Information for Programmable Controllers for Use in Class I, Zone 0, 1 and 2 Hazardous Locations

**IDEC CORP**
7-31 NISHIMIYAHARA 1-CHOME
YODOGAWA-KU
OSAKA, 532-8550 JAPAN

E211795

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**Class I, Zone 2, AEx nC IIC T4.**

**Open-type programmable controllers, LOGO!**, Cat. Nos. FL1B-M08D2R2, FL1C-B12RCA, FL1C-B12RCC, FL1C-B12RCE, FL1C-H12RCA, FL1C-H12RCC, FL1C-H12RCE.

Cat. Nos. FL1D-H12RCC, FL1D-H12RCA, FL1D-H12RCE, FL1D-B12RCC, FL1D-B12RCA, FL1D-B12RCE.

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Fig. 2

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## Programmable Controllers for Use in Class I, Zone 0, 1 and 2 Hazardous Locations Certified for Canada

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**IDEC CORP** E211795
7-31 NISHIMIYAHARA 1-CHOME
YODOGAWA-KU
OSAKA, 532-8550 JAPAN

**Class I, Zone 2, AEx nC IIC T4.**

**Open-type programmable controllers, LOGO!**, Cat. Nos. FL1B-M08D2R2, FL1C-B12RCA, FL1C-B12RCC, FL1C-B12RCE, FL1C-H12RCA, FL1C-H12RCC, FL1C-H12RCE.

Cat. Nos. FL1D-H12RCC, FL1D-H12RCA, FL1D-H12RCE, FL1D-B12RCC, FL1D-B12RCA, FL1D-B12RCE.

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Fig. 2