

DESCRIPTION

PRODUCT COVERED:

USL - CNL - Programmable Controller, FT1A Series. Consists of the following modules:

CPU Modules: FT1A-B12RA, -B12RC, -H12RA, -H12RC, -B24RA, -B24RC, -H24RA, -H24RC, -B40RKA, -B40RSA, -B40RC, -H40RKA, -H40RSA, -H40RC, -B48KA, -B48SA, -B48KC, -B48SC, -H48KA, -H48SA, -H48KC, -H48SC.

GENERAL:

This device is an open type modular and expandable Programmable Controller. The basic unit includes a CPU module and a combination of Input and Output modules. There are a 48 maximum Input and/or Output modules that can be attached to 1 CPU module. The CPU module may include additional memory packs. Each module may be shipped separately.

RATINGS:

Module	Power Supply	Input	Output	Auxiliary Output
FT1A-B12RA	24 V dc 4.3 W Class 2	I0-I5 Pins: 24 V dc, 4.4mA/pt Class 2 All Other Pins: 24 V dc, 0.3 mA/pt Class 2	240 V ac, 10 A (RES) 30 Vdc, 10 A (GEN)	-
FT1A-B12RC	100-240 V ac 50/60 Hz, 18 VA	24 V dc, 5.3 mA/pt Class 2	240 V ac, 10 A (RES) 30 Vdc, 10 A (GEN)	-

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FT1A-H12RA	24 V dc, 4.3 W Class 2	I0-I5 Pins: 24 V dc, 4.4 mA/pt Class 2 All Other Pins: 24 V dc, 0.3 mA/pt Class 2	240 V ac, 10 A (RES) 30 Vdc, 10A (GEN)	-
FT1A-H12RC	100-240 V ac, 50/60 Hz, 18 VA	24 V dc, 5.3 mA/pt Class 2	240 V ac, 10 A (RES) 30 Vdc, 10 A (GEN)	-
FT1A-B24RA	24 V dc, 4.8 W Class 2	I0-I7 and I10-I13 Pins: 24 V dc, 4.4mA/pt Class 2 All Other Pins: 24 V dc, 0.3mA/pt Class 2	Q0-Q3 Pins: 240 V ac, 10 A (RES) 30 Vdc, 10 A (GEN) All Other Pins: 240 V ac/30 V dc, 2 A(GEN/RES)	-
FT1A-B24RC	100-240 V ac 50/60 Hz, 41 VA	24 V dc, 5.3 mA/pt Class 2	Q0-Q3 Pins: 240 V ac, 10 A (GEN/RES) 30 Vdc, 10 A (GEN) All Other Pins: 240 V ac/30 V dc, 2 A(GEN/RES)	24 V dc, 250 mA Class 2
FT1A-H24RA	24 V dc, 4.8 W Class 2	I0-I7 and I10-I13 Pins: 24 V dc, 4.4 mA/pt Class 2 All Other Pins: 24 V dc, 0.3 mA/pt Class 2	Q0-Q3 Pins: 240 V ac, 10 A (RES) 30 Vdc, 10 A (GEN) All Other Pins: 240 V ac/30 V dc, 2 A (GEN/RES)	-

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FT1A-H24RC	100-240 V ac, 50/60 Hz, 41 VA	24 V dc, 5.3 mA/pt Class 2	Q0-Q3 Pins: 240 V ac, 10 A (RES) 30 Vdc, 10 A (GEN) All Other Pins: 240 V ac/30 V dc, 2 A(GEN/RES)	24 V dc, 250 mA Class 2
FT1A-B40RKA	24 V dc, 7.9 W Class 2	I0-I7, I10- I17, I20 and I21 Pins: 24 V dc,5.2mA/pt Class 2 All Other Pins: 24 V dc,0.3 mA/pt Class 2	Q0-Q3 Pins: 240 V ac, 10 A (RES) 30 Vdc, 10 A (GEN) Q4-Q7 and Q10-Q13 Pins: 240 V ac/30 V dc, 2 A (GEN/RES) All Other Pins: 24 V dc 0.3 A/pt (SINK) Class 2	-
FT1A-B40RSA	24 V dc, 7.9 W Class 2	I0-I7, I10- I17, I20 and I21 Pins: 24 V dc,4.4mA/pt Class 2 All Other Pins: 24 V dc,0.3 mA/pt Class 2	Q0-Q3 Pins: 240 V ac, 10 A (RES) 30 Vdc, 10 A (GEN) Q4-Q7 and Q10-Q13 Pins: 240 V ac/30 V dc, 2 A (GEN/RES) All Other Pins: 24 V dc 0.3 A/pt (SOURCE) Class 2	-
FT1A-B40RC	100-240 V ac, 50/60 Hz, 48 VA	24 V dc, 5.3 mA/pt Class 2	Q0-Q3 Pins: 240 V ac, 10 A (RES) 30 Vdc, 10 A (GEN) All Other Pins: 240 V ac/30 V dc, 2 A (GEN/RES)	24 V dc, 300 mA Class 2

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FT1A-B40RC	100-240 V ac, 50/60 Hz, 48 VA	24 V dc, 5.3 mA/pt Class 2	Q0-Q3 Pins: 240 V ac, 10 A (RES) 30 Vdc, 10 A (GEN) All Other Pins: 240 V ac/30 V dc, 2 A (GEN/RES)	24 V dc, 300 mA Class 2
FT1A-H40RKA	24 V dc, 7.9 W Class 2	I0-I7, I10-I17, I20 and I21 Pins: 24 V dc, 5.2mA/pt Class 2 All Other Pins: 24 V dc, 0.3 mA/pt Class 2	Q0-Q3 Pins: 240 V ac, 10 A (RES) 30 Vdc, 10 A (GEN) Q4-Q7 and Q10-Q13 Pins: 240 V ac/30 V dc, 2 A (GEN/RES) All Other Pins: 24 V dc, 0.3 A/pt (SINK) Class 2	-
FT1A-H40RSA	24 V dc, 7.9 W Class 2	I0-I7, I10-I17, I20 and I21 Pins: 24 V dc, 4.4mA/pt Class 2 All Other Pins: 24 V dc, 0.3 mA/pt Class 2	Q0-Q3 Pins: 240 V ac, 10 A (RES) 30 Vdc, 10 A (GEN) Q4-Q7 and Q10-Q13 Pins: 240 V ac/30 V dc, 2 A (GEN/RES) All Other Pins: 24 V dc 0.3 A/pt (SOURCE) Class 2	-
FT1A-H40RC	100-240 Vac, 50/60 Hz, 48 VA	24 V dc, 5.3 mA/pt, Class 2	Q0-Q3 Pins: 240 V ac, 10 A (RES) 30 Vdc, 10 A (GEN) All Other Pins: 240 V ac/30 V dc, 2 A (GEN/RES)	24 V dc, 300 mA, Class 2

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FT1A-B48KA	24 V dc, 6.0 W Class 2	I0-I7, I10-I17 and I20-I25 pins: 24 V dc, 5.2 mA/pt Class 2 All Other Pins: 24 V dc, 0.3 mA/pt Class 2	24 V dc, 0.3 A/pt (SINK) Class 2	-
FT1A-B48SA	24 V dc, 6.0 W Class 2	I0-I7, I10-I17 and I20-I25 pins: 24 V dc, 4.4 mA/pt Class 2 All Other Pins: 24 V dc, 0.3 mA/pt Class 2	24 V dc, 0.3 A/pt (SOURCE) Class 2	-
FT1A-B48KC	100-240 V ac, 50/60 Hz, 43 VA	24 V dc, 5.3 mA/pt Class 2	24 V dc, 0.3 A/pt (SINK) Class 2	24 V dc, 300 mA Class 2
FT1A-B48SC	100-240 V ac, 50/60 Hz, 43 VA	24 V dc, 5.3 mA/pt Class 2	24 V dc, 0.3 A/pt (SOURCE) Class 2	24 V dc, 300 mA Class 2
FT1A-H48KA	24 V dc, 6.0 W Class 2	I0-I7, I10-I17, and I20-I25 Pins: 24 V dc, 5.2 mA/pt Class 2	24 V dc, 0.3 A/pt (SINK) Class 2	-
FT1A-H48SA	24 V dc, 6.0 W	I0-I7, I10-I17 and I20-I25 Pins: 24 V dc, 4.4 mA/pt Class 2	24 V dc, 0.3 A/pt (SOURCE) Class 2	-
FT1A-H48KC	100-240 V ac, 50/60 Hz, 43 VA	24 V dc, 5.3 mA/pt Class 2	24 V dc, 0.3 A/pt (SINK) Class 2	24 V dc, 300 mA Class 2
FT1A-H48SC	100-240 V ac, 50/60 Hz, 43 VA	24 V dc, 5.3 mA/pt Class 2	24 V dc, 0.3 A/pt (SOURCE) Class 2	24 V dc, 300 mA Class 2

Option Modules:

FT1A-PC1 Logic Level

FT1A-PC2 Logic Level

FT1A-PC3 Logic Level

FT1A-PM1 Logic Level

Max. Surrounding Air Temperature: 55°C