

Program / configuration memory - SD FLASH 2GB EMLOG - 2403484

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Program and configuration memory for extending the internal Flash memory, plug-in, 2 GB, with license key and EMlog application, for use with an ILC 191 ME/AN Inline controller. The Emlog application is used to read from measuring devices via pulses, analog values, Modbus/RTU. The web-based interface can be used to configure the channels/devices and the connection to a higher-level system.

Product Description

Program and configuration memory with EMLOG application program:

- Complete configuration and startup via integrated web interface (HTML 5)
- Maximum of 24 pulse inputs
- Maximum of 8 analog inputs for acquiring analog signals or measuring temperatures with resistance thermometers
- Connection of a maximum of 10 EMpro devices or up to 5 user-defined Modbus/RTU slaves
- Connection of a maximum of 10 IB IL PM 3P/N/EF-PAC Inline power measurement terminals
- Connection of a maximum of 30 power meters with M-Bus interface according to DIN EN 13757 (with restrictions)
- Forwarding of data to a management system via SQL server, OPC, Modbus/TCP, and CSV file

Your advantages

- ✓ Program and configuration memory, plug-in, with license key and application program for reading from measuring devices
- ✓ Complete configuration and startup via integrated web interface (HTML 5)
- ✓ Max. 24 pulse inputs (with IB IL 24 DI8/HD-PAC)
- ✓ Forwarding of data to a management system via SQL server, OPC, Modbus/TCP, and CSV file
- ✓ max. 10 EMpro EEM-MA250/400/600 energy meters
- ✓ Max. 8 analog inputs (with IB IL AI 2/SF-PAC or IB IL TEMP 2 RTD-PAC)
- ✓ Max. 10 power measurement terminals (IB IL PM 3P/N/EF-PAC)
- ✓ Max. 30 power meters with M-Bus interface
- ✓ Required item: ILC 191 ME/AN, Order No. 2700074
- ✓ For storing application programs and other files in the file system of the PLC
- ✓ License key for application program

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4055626299174

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Technical data

Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C
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General

Supply voltage	3.3 V DC
Supply voltage range	2.7 V DC ... 3.6 V DC

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 10.0.1	27242212
eCl@ss 4.0	27240400
eCl@ss 4.1	27240400
eCl@ss 5.0	27242200
eCl@ss 5.1	24210100
eCl@ss 6.0	27242200
eCl@ss 7.0	27242212
eCl@ss 8.0	27242212
eCl@ss 9.0	27242212

ETIM

ETIM 3.0	EC000192
ETIM 4.0	EC000192
ETIM 5.0	EC000192
ETIM 6.0	EC000192
ETIM 7.0	EC000192

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	39121311
UNSPSC 12.01	32101601
UNSPSC 13.2	32101601
UNSPSC 18.0	32101606
UNSPSC 19.0	32101606
UNSPSC 20.0	32101606
UNSPSC 21.0	32101606

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Accessories

Accessories

Antenna

Antenna - PSI-GSM/UMTS-QB-ANT - 2313371



GSM UMTS antenna, with omnidirectional characteristic, 2 m antenna cable with SMA round connector

Communication module

Communication module - EEM-RS485-MA400 - 2901365



RS-485 JBUS/MODBUS communication module for EEM-MA400

Communication module - EEM-RS485-MA600 - 2901367



RS-485 JBUS/MODBUS communication module for EEM-MA600

Compressed air sensor

Compressed air meter - PSK AFS6050IOL - 2700704



Compressed air meter with display and totalizer function, M12 fast connection technology, IO-Link, G1/2 process connection

Compressed air meter - PSK AFS5000IOL - 2700705



Compressed air meter with display and totalizer function, M12 fast connection technology, IO-Link, G1/4 process connection

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Accessories

Compressed air meter - PSK AFS6000IOL - 2700707



Compressed air meter with display and totalizer function, M12 fast connection technology, IO-Link, R1/2 process connection

Current transformer

Current transformer - PACT RCP-4000A-1A-D95 - 2904921



Set consisting of a 1 A measuring transducer and a Rogowski coil with signal line. Length of Rogowski coil: 300 mm, diameter: 95 mm. Length of signal line: 3 m. The Rogowski coil measures the AC current of busbars and power lines.

Energy meter

Measuring instrument - EEM-MA200 - 2901362



Energy measurement device to measure electrical parameters in low voltage installations up to 500 V, acquisition of total harmonic oscillations

Measuring instrument - EEM-MA400 - 2901364



Energy measurement device to measure electrical parameters in low voltage installations up to 500 V, acquisition of total harmonic oscillations - can be extended with RS-485 communication module

Measuring instrument - EEM-MA600 - 2901366



Energy measurement device to measure electrical parameters in low voltage installations up to 700 V, acquisition of individual harmonic oscillations - can be extended with communication and special functional modules

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Accessories

Measuring instrument - EEM-MA250 - 2901363



Energy measurement device to measure electrical parameters in low voltage installations up to 500 V, acquisition of total harmonic oscillations - can be expanded with RS-485 interface

I/O component

Inline terminal - IB IL 24 DI8/HD-PAC - 2700173



Inline, Digital input terminal, Digital inputs: 8, 24 V DC, connection method: 1-wire, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector and labeling field

Inline terminal - IB IL AI 2/SF-PAC - 2861302



Inline, Analog input terminal, Analog inputs: 2, 0 V ... 10 V, -10 V ... 10 V, 0 mA ... 20 mA, 4 mA ... 20 mA, -20 mA ... 20 mA, connection method: 2-wire, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector and labeling field

Inline function terminal - IB IL PM 3P/N/EF-PAC - 2700965



Inline power measurement terminal for direct measurement of AC currents up to 5 A, including neutral conductor current and phase conductor voltages up to 400 V AC (phase/neutral conductor) or 690 V AC (phase/phase) complete with accessories (connectors and labeling fields)

Inline terminal - IB IL 24 PWR IN/R/L-0.8A-PAC - 2693020



Inline boost terminal for the communications power U_L of 0.8 A, complete with accessories (connectors and labeling field)

Modem

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Accessories

Router - PSI-MODEM-GSM/ETH - 2313355



Industrial GSM router with GPRS/EDGE for mounting on EN DIN rail. GSM and GPRS/EDGE. 850 + 900 + 1800 + 1900 MHz. Ethernet interface. Firewall and VPN support. 6 alarm inputs and 4 switching outputs. 24 V DC supply voltage.

Patch cable

Patch cable - FL CAT5 PATCH 0,5 - 2832263



Patch cable, CAT5, assembled, 0.5 m

Power supply

Power supply unit - UNO-PS/1AC/24DC/ 30W - 2902991



Primary-switched UNO POWER power supply for DIN rail mounting, input: 1-phase, output: 24 V DC/30 W

Necessary add-on products

Controller - ILC 191 ME/AN - 2700074



Inline controller with integrated pulse/direction/PWM interface, RS-485/RS-422, analog inputs (0 ... 10 V), and analog outputs (0 ... 10 V), with programming options according to IEC 61131-3

Mouser Electronics

Authorized Distributor

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