



- ◆ 8 isolated polarity insensitive digital inputs
- ◆ Fully programmable
- ◆ Pulse counting capability
- ◆ LonTalk® protocol
- ◆ Free topology communication (FTT-10)
- ◆ Ultra wide power supply range
- ◆ DIN-rail mounting

The DI-1008FT module features 8 isolated and polarity insensitive digital inputs. With its ultra wide power supply range from 9 to 70VDC (18 to 48VAC) and input voltage range from 0 to 70VDC/48VAC the module is designed for implementation in building automation and industrial applications as a cost effective solution for meeting various operational environments and in cases where completely isolated digital inputs are required. Although the module comes preprogrammed user defined algorithms and functions can be programmed and downloaded to the device over the free topology network using Echelon's or third party LONWORKS programming tools. The DI-1008FT module is easily mounted onto a 35 mm DIN-rail. The presence of status LED for each input considerably facilitates initial electrical wiring and later on system maintenance.

2 YEAR
WARRANTY

SPECIFICATION

Inputs	
Number	8
Input voltage	0 to 70 VDC 0 to 48 VAC
Logic 0	< 8 VDC/VAC
Logic 1	≥ 9 VDC/VAC
Isolation	3 KV
Connection	Note 1
Power supply	
Input voltage range	9 to 70 VDC 18 to 48 VAC
Power consumption	
receive	≤ 0.3 W
transmit	< 0.4 W
Isolation from the bus	No
Connection	Note 1

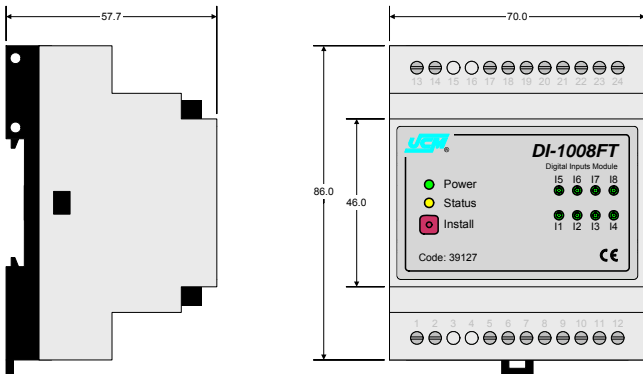
Control network	
Protocol	LonTalk
Neuron IC	3120
Communication	TP/FT-10
Transfer rate	78 KBit/s
Connection	Note 1
General	
Operating temperature	от -20°C до +60°C
Storage temperature	от -40°C до +70°C
Case	Isolating IP20 UL94V-0
Weight	124 g
Dimensions	70x86x57.7 mm

Notes:

1. The connection is polarity insensitive.

MECHANICAL MOUNTING

All dimensions are in millimeters



- ◆ The device snaps onto a 35 mm DIN-rail mounted in a suitable place on a wall, panel or in a cabinet, on a flat surface in an arbitrary position.
- ◆ It is inadmissible to locate the device near heaters or other surfaces that are heated to high temperatures.

ELECTRICAL INSTALLATION

Terminal №	
1, 2	Power supply
5, 6	Input 1
7, 8	Input 2
9, 10	Input 3
11, 12	Input 4
13, 14	Network
17, 18	Input 5
19, 20	Input 6
21, 22	Input 7
23, 24	Input 8

- ◆ All required safety measures shall be taken during electrical installation work of the device.
- ◆ Electrical installation work of the device shall be undertaken by qualified and certified engineering personnel.

SPECIFICATION

DI-1008

FT

FT TP/FT-10 communication channel

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