



- ◆ 8 relay outputs
- ◆ Fully programmable
- ◆ LonTalk® protocol
- ◆ Free topology communication
- ◆ Ultra wide power supply range
- ◆ DIN-rail mounting

The DO-1008FT module features 8 relay outputs with normally opened contacts. With its ultra wide power supply range from 9 to 70VDC (18 to 48VAC) and outputs capable of switching up to 230VAC/4A 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 floating digital outputs are required. Although the module comes pre-programmed 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 DO-1008FT module is easily mounted onto a 35 mm DIN-rail. The presence of status LED for each output considerably facilitates initial electrical wiring and later on system maintenance.

**2 YEAR
WARRANTY**

SPECIFICATION

Outputs	
Number	8
Type	Relay contact N.O.
Switching voltage	230VAC / 4A 30VDC / 4A
Isolation coil/contact	4 KV
Connection	Note 1
Power supply	
Input voltage range	9 to 70 VDC 18 to 48 VAC
Power consumption receive ⁽²⁾	< 1.9 W
transmit	≤ 2.0 W
Isolation from the bus	No
Connection	Note 1

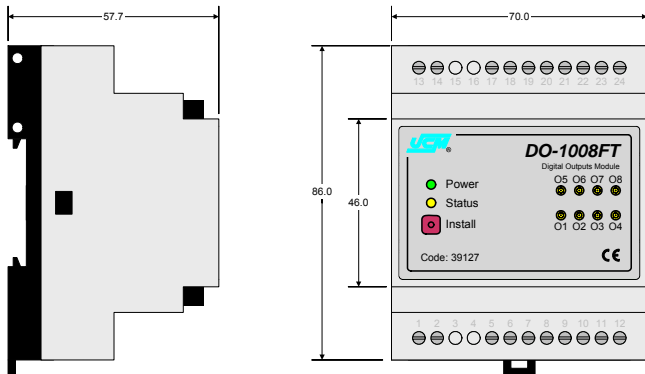
Control network	
Protocol	LonTalk
Neuron IC	3120
Communication	TP/FT-10
Transfer rate	78 KBit/s
Connection	Note 1
General	
Operating temperature	от -20°C до +60°C
Storage temperature	от -40°C до +70°C
Case	Isolating IP20 UL94V-0
Weight	159 g
Dimensions	70x86x57.7 mm

Notes:

1. The connection is polarity insensitive.
2. The power consumption in receive mode is determined with all relays energized.

MECHANICAL MOUNTING

All dimensions are in millimeters



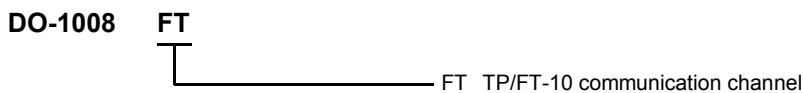
- ◆ The device snaps onto a 35 mm DIN-rail mounted in a suitable place on a wall, panel or in a cabinet, on a flat surface in an arbitrary position.
- ◆ It is inadmissible to locate the device near heaters or other surfaces that are heated to high temperatures.

ELECTRICAL INSTALLATION

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



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