

# MICONT

## MIC-5000Ce A Large Scale Distributed Control System

### DATA SHEET

Part N°DS TB 22-1022

## MIC-22 TERMINAL BLOCK

### OVERVIEW

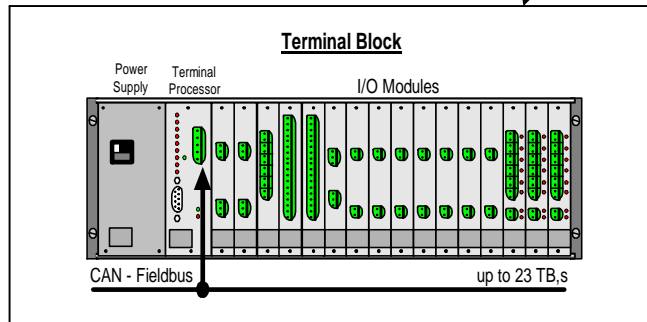
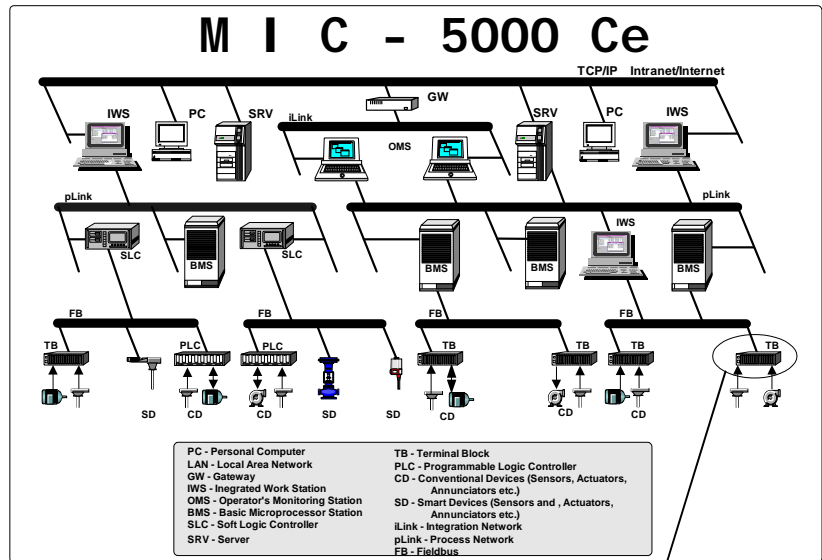
#### DESCRIPTION

MIC-22 is a high performance I/O Processor of the integrated system MIC-5000Ce. It is used in the following applications:

- ❖ Connection of remote (up to 500 m) I/O channels to the Basic Microprocessor Station
- ❖ I/O Subsystem for the Soft Logic Controller
- ❖ Remote Terminal Unit in SCADA system
- ❖ Data Acquisition Unit directly connected to OMS

MIC-22 ensures:

- ❖ Signal conditioning
- ❖ I/O conversion and linearization
- ❖ Flexibility in connecting of different I/O types
- ❖ High speed communication with different priorities
- ❖ Remote data acquisition functions
- ❖ Dedicated remote control functions



#### SPECIFICATIONS:

##### Terminal Processor MIC 110 (TP)

Terminal Block - Interface  
CAN Controller  
64 kBytes EPROM  
160 kB SRAM  
E2PROM  
Watch Dog Timer  
Real Time Clock  
Status LED's

##### I/O Modules

MIC 735	2 fully isolated Analog Inputs, 0 - 20 mA
MIC 736	2 fully isolated Analog Inputs, thermoresistors
MIC 737	2 fully isolated Analog Inputs, thermocouples
MIC 738	6 optoisolated Analog Inputs, 0 - 20 mA
MIC 738R	6 optoisolated Analog Inputs, thermoresistors
MIC 738T	6 optoisolated Analog Inputs, thermocouples
MIC 747	6 fully isolated Digital Inputs
MIC 748	6 optoisolated Digital Outputs
MIC 742	2 fully isolated Analog Outputs
MIC 749	6 fully isolated Counting Inputs

##### Power Supply

MIC 650: 5V, 20A

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ENVIROMENTAL CONDITIONS:	REFERENCE	EXTREME	TRANSPORTATION
Temperature range	20°C to 25°C	0°C to 50°C	-30°C to 65°C
Humidity (%RH)	10% to 60%	10% to 90%	5% to 95%