

Changes in Assortment

Authorized deliver of PLCs
from GE Fanuc
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Industrietechnik GmbH

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GE Fanuc Automation – 2008, May



Introduction

Dears,

GE Fanuc announced the Durus family of low-end controllers. The Durus is a perfect complement to the GE Fanuc line of controllers and features extra strong resistivity to outer conditions. „Durus“ is „strong“ in latin and a new controller is really strong. We are glad we can bring you new product information and we hope this controller is as interesting for you as for us.

Company director
Ing. Věroslav Hájek

Durus PLC

A new controller family integrates I/O, built-in Operator Interface and control into one small block. It features rugged design and is filled with state-of-the-art features. Controller provides a wide range of communication possibilities (Modbus RTU, Profibus-DP or DeviceNet protocols), expansion slots and solid slide-and-snap mechanical interlock to expansion modules.



Other Durus features focused

The Durus Controllers are ideal for application requiring less than 44 inputs and outputs. The VersaMax Micro Nano is ideal for applications where more memory and I/O are needed whereas the Durus is ideal for the simpler application. Other Durus features and options:

- Programmable Relay, AC or DC Inputs, Analog Inputs, Relay or DC Outputs.
- 265VAC / 30VDC Relay Outputs, 8A Resistive Load (Isolated)
- 10-Point, 12-Point, 20-Point and 24-Point models
- Available with or without Keypad / Display
- Up to three discrete expansion and one analog expansion unit.
- 4-line, 12-character LCD backlit display
- Retentive Flash memory
- Multi-language support: English, French, German, Spanish, Portuguese, Chinese, Italian.
- Built-in Real-Time Clock; timers and counters.
- Weight of the Controller: 230 grams (10-point controller), 345 grams (20 and 24-point controller); dimension: 72x90x59,6 mm (for DIN rail), 72x106x59,6 mm (direct installation).

Cms

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Durus Controller Software



There are two possibilities of Durus programming: ladder logic or function block diagrams. The choice of programming is given after opening the programming software. Durus applications can be saved on a computer and accessed at any time. They can also be uploaded from the controller and edited. Another interesting feature is using controller's display for programming and program editing. The Durus

software provides a simulation mode that allows users to virtually run and test the program before it is loaded to the controller. This eliminates mistakes before they are made to the plant floor or production environment. Program memory can contain 200 lines or 99 Function Blocks.



Ordering information

Part number	Description
IC210DAR012	12 point 24VAC Power Source, (8) 24VAC in/(4) out (Relay 8 Amp), Expandable, with LCD/Keypad
IC210NAR020	20 point AC Power Source, (12) AC in/8 out (Relay, 8 Amp), Not Expandable, without LCD/Keypad. No cover.
IC210DDR112	12 point 12VDC Power Source, (6) 12VDC in/(4) out (Relay 8 Amp), (2) analog inputs, Expandable, with LCD/Keypad
IC210MDR124	24 point 12V DC Power Source, (12) 12VDC in/8 out (Relay, 8 Amp), (4) analog inputs, Expandable, with LCD/Keypad
IC210EAR008	Expansion module, 120/230VAC Power Source, (4) AC in/(4) out (Relay, 8 Amp)
IC210EAI004	Analog expansion module, 24VDC power source, 4 Analog input Voltage or Current
IC210EMS001	Modbus RTU slave communications expansion module, 24V DC power source
IC210EPS001	Profibus-DP slave communications expansion module, 24V DC power source
IC210EDS001	DeviceNet slave communications expansion module, 24V DC power source
IC646DUR001	Durus Programming and Simulation Software



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