

Contronic

Mini PLC/C

A New Product from Contronic



**Small, Smart, Powerful
Catalog 2003-1383**



Contronic

Mini PLC/C

A New Generation Launched for

New Applications

New Markets

New Horizons

Overview

- **Mini PLC/C offers maximum performance and minimum cost**
- **Extremely simple installation and programming**
- **Rugged, Compact plastic housing space saving**
- **Economical, even for small processes and machines where PLC's have not been used in the past**

Applications

Mini PLC/C is a plc for open-loop and closed-loop control tasks. Thanks to its extensive instruction set, applications range from replacing relays, contactors and timers to handling complex automation tasks.

To save costs and increase functionality, Mini PLC/C is increasingly being employed in areas that previously required special electronics.

Application of Mini PLC/C include:

- **Machineries**
- **Food industries**
- **Hydraulic lifts**
- **Elevators**
- **Electrical installations**
- **Laboratories**
- **Gate controls**

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Mini PLC/C

Technical specifications

Storage temperature	0 to 75°C
Ambient temperature	
-Horizontal installation	0 to 50°C
-Vertical installation	0 to 40°C
Atmospheric pressure	900 to 1070 hpa
Relative humidity	5 to 95% Non-condensing

Program memory	42 Kbytes
Program backup	maintenance-free
	FLASH memory
Data backup	maintenance-free
	rechargeable battery
Backup time	150 days (minimum)
Battery life time	10 years (minimum)

Power supply	24V dc	1100 ma	with 64 Io's
Digital inputs	24V dc	10 ma	galvanic isolated
Digital outputs	24V dc	500 ma	galvanic isolated
Analog inputs	0 to 5V dc	(optional)	galvanic isolated
	0 to 20 ma		
Analog outputs	0 to 5V dc	(optional)	galvanic isolated
	0 to 20 ma		

Internal relays	4096 F + 4096 M
(bit memories)	

Counters	48	0 to 47
● Non-Retentive	24	0 to 23
● Retentive	24	24 to 47
● Range		0 to 65535

Timers	48	0 to 47
● Non-Retentive	24	0 to 23
● Retentive	24	24 to 47
● Range		0 to 6553 sec

Isolation

- **Between inputs/outputs to internal circuitry 600v dc**
-

Degree of protection

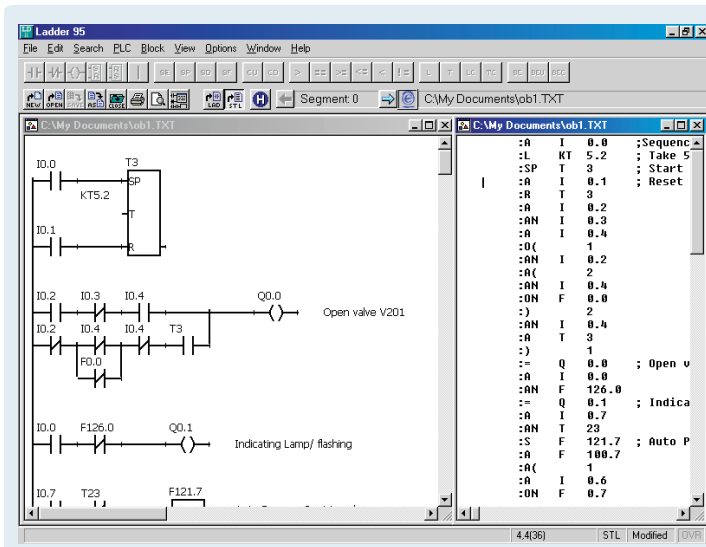
IP 20 in accordance with IEC529

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Mini PLC/C

Mini Programmable Logic Controller | Compact

The compact, low-cost solution for automation tasks in the lower performance range.



Ladwin Software

Programming Mini PLC/C is a joy on a Personal computer running LadWin.

LadWin provides a comprehensive, graphical programming environment where, you can design your applications in popular Ladder and STL languages.

Thanks to the MDI capability (Multi-Document Interface), the user can design and debug several programs simultaneously.

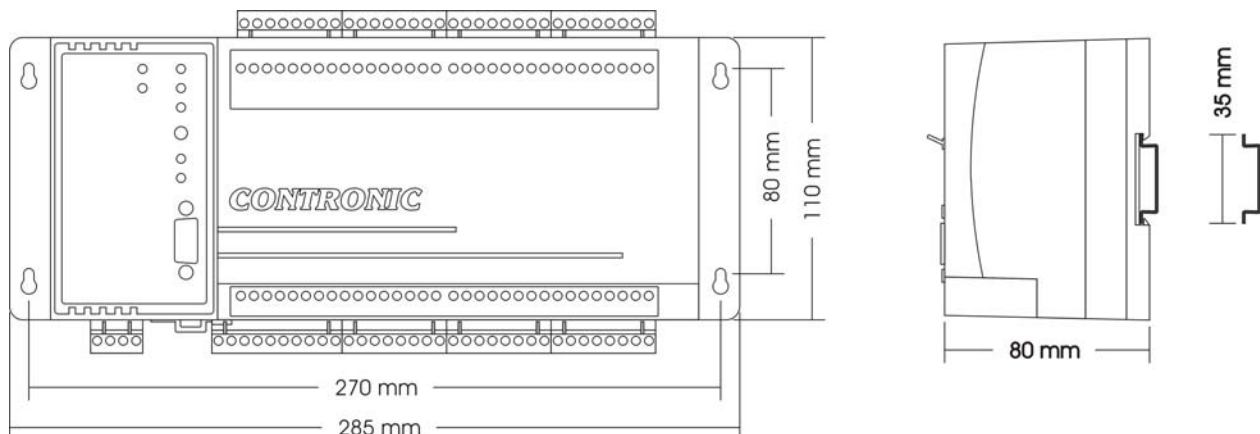


Technical support

After sales services

Training courses

By Contronic Co.



We are easily accessible

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