ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Rockwell / Allen-Bradley 2080-LCD* at our website: *Click HERE*

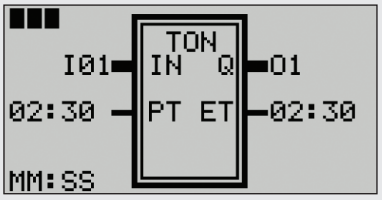
Micro810™ Programmable Logic Controller

Bulletin 2080 Product Profile

Allen-Bradley

Features and Benefits

- Price of a smart relay with the functionality of a Micro PLC
- High current relay outputs (8A) replaces the need for external relays to reduce cost and panel space
  - Can be used in places where flexibility is required over a mechanical timer relay
- 4 channels of embedded analog (0-10V 10 bit)
  - Applications include temperature control, compressor control, elevator control
  - Can reconfigure up to 4 24V DC digital inputs as analog
- Embedded smart relay function blocks configured from optional 1.5" LCD and keypad allows you to program without software
  - LCD also functions as a memory backup module
- Standard version of Connected Components Workbench software available as a free download





Machine builders and end users who need a cost-effective control solution for their small applications will benefit from the new family of Allen-Bradley® Micro800 programmable controllers and Connected Components Workbench™ software from Rockwell Automation.

As the smallest of the Micro800 family, the Micro810 controller is available in a 12pt version, with 8A outputs that eliminate the need for external relays. The Micro810 features embedded smart relay function blocks that can be configured from a 1.5" LCD and keypad. The function blocks include Delay OFF/ON Timer, Time of Day, Time of Week and Time of Year for applications requiring a programmable timer and lighting control. Programming can also be done through a program download via USB programming port, using Connected Components Workbench Software.

Connected Components Workbench software is shared among the entire Micro800 family of controllers, as well as other component products, such as PanelView Component HMIs and PowerFlex drives. Based on proven Rockwell Automation and Microsoft Visual Studio technology, the new software provides controller programming, device configuration and data sharing with the HMI editor for PanelView Component operator products. In addition, the software supports three standard IEC programming languages: ladder diagram, function block diagram and structured text.

Bulletin 2080

Catalog #	Inputs			Outputs		Analog In 0-10V (shared with DC In
	120/240V AC	24V DC/ V AC	12V DC	Relay	24V DC SRC	
Controllers						
2080-LC10-12QWB	—	8	—	4	—	4
2080-LC10-12AWA	8	—	—	4	—	—
2080-LC10-12QBB	—	8	—	—	4	4
2080-LC10-12DWD	—	—	8	4	—	4
Accessories						
2080-LCD	Micro810 1.5″ LCD display with keypad and memory backup.					
2080-USBADAPTER	Micro810 USB adapter. Required when connecting to a PC for programming with Connected Components Workbench.					



Micro810	12pt
Base Unit	
Power Supply	Embedded 120/240V AC and 12/24V DC options
Base Programming Port	Embedded USB 2.0 (non-isolated) Any standard USB printer cable will work Micro810 12pt requires adapter plug
I/O	
Base Digital I/O (In/Out)	12 (8/4)
Base Analog I/O channels	Four of 24V DC digital inputs can be configured as 0-10V Analog inputs
Additional Functions	
Embedded Real-Time Clock	Yes
1.5″ LCD with Memory Backup	Optional

Micro810	12pt
Programming	
Software	Connected Components Workbench
Program Steps (or instructions)	2 KB
Data (Bytes)	4 KB
IEC 61131-3 Languages	Ladder Diagram, Function Block, Structured Text
User Defined Function Blocks	Yes
Floating Point Math	32-bit and 64-bit
PID Loop Control	Yes
Environments	
Certifications	c-UL-us CL1DIV2, CE, C-Tick
Temperature Range	0°…55 °C
Dimensions (HxWxD, mm)	90x75x60

Allen-Bradley, Connected Components Workbench and Micro810 are trademarks of Rockwell Automation, Inc.
Trademarks not belonging to Rockwell Automation are property of their respective companies.

www.rockwellautomation.com

Power, Control and Information Solutions Headquarters

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444
Europe/Middle East/Africa: Rockwell Automation NV, Pegasus Park, De Kleetlaan 12a, 1831 Diegem, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640
Asia Pacific: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846

Publication 2080-PP001A-EN-P – April 2011

Copyright © 2011 Rockwell Automation, Inc. All Rights Reserved. Printed in USA.

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP