

**Micro800 Plug-in Modules and Accessories – Features and Compatibility**

Plug-in / Accessory	Supported by Micro810	Supported by Micro820	Supported by Micro830/Micro850	Feature
1.5" LCD and Keypad 2080-LCD	Yes	No	No	<ul style="list-style-type: none"> <li>• backup module for Micro810 controllers</li> <li>• configure Smart Relay Function Blocks</li> </ul>
Micro810 USB Adapter 2080-USBADAPTER	Yes	No	No	USB programming access
External Power Supply 2080-PS120-240VAC	Yes	Yes	Yes	optional controller power supply
RS232/485 Isolated Serial Port 2080-SERIALISOL	No	Yes	Yes	<ul style="list-style-type: none"> <li>• adds additional serial communications with Modbus RTU and ASCII protocols</li> <li>• isolated for increased noise immunity</li> </ul>
Digital Input, Output, Relay, and Combination Modules 2080-IQ4, 2080-IQ4OB4, 2080-IQ4OV4, 2080-OB4, 2080-OV4, 2080-OW4I	No	Yes	Yes	<ul style="list-style-type: none"> <li>• 4-channel inputs/outputs or combination modules</li> <li>• configurable as voltage and current inputs</li> <li>• sink or source output</li> <li>• 4-channel relay outputs</li> </ul>
High Speed Counter 2080-MOT-HSC	No	Yes	Yes	<ul style="list-style-type: none"> <li>• Up to a minimum of 250 KHz differential line driver for improved noise immunity and additional dedicated I/O</li> <li>• One Quadrature (ABZ) differential inputs alternately configurable for pulse internal, pulse with external direction, A-up and B-down input configurations, and quadrature mode</li> <li>• User-configurable minimum and maximum values, preset, and Z operation</li> </ul>
DeviceNet Scanner 2080-DNET20	No	Yes	Yes	<ul style="list-style-type: none"> <li>• Scanner mode – scan devices such as CompactBlock™ LDX, PowerFlex® drives, overloads and sensors</li> </ul>
Remote LCD 2080-REMLCD	No	Yes	No	<ul style="list-style-type: none"> <li>• Operator interface for configuring such settings as IP address on Micro820 controller</li> <li>• With RS232 and USB ports</li> </ul>
Non-isolated Unipolar Analog Input/Output 2080-IF2, 2080-IF4, 2080-OF2	No	Yes	Yes	<ul style="list-style-type: none"> <li>• adds up to 20 embedded analog I/O with 12-bit resolution (with 48-point controllers)</li> <li>• 2 channels for 2080-IF2, 2080-OF2</li> <li>• 4 channels for 2080-IF4</li> </ul>
Non-isolated Thermocouple 2080-TC2	No	Yes	Yes	<ul style="list-style-type: none"> <li>• for temperature control, when used with PID</li> <li>• 2 channels for 2080-TC2 and 2080-RTD2</li> </ul>
Non-isolated RTD 2080-RTD2	No	Yes	Yes	
Memory Module with RTC 2080-MEMBAK-RTC	No	No	Yes	<ul style="list-style-type: none"> <li>• backup project data and application code</li> <li>• high accuracy real-time clock</li> </ul>
6-Channel Trim Potentiometer Analog Input 2080-TRIMPOT6	No	Yes	Yes	adds six analog presets for speed, position and temperature control



### Memory Backup and High Accuracy RTC Plug-In (2080-MEMBAK-RTC)

#### Specifications (2080-MEMBAK-RTC)

Mounting torque	Terminal screw torque	Operating temperature	Non-operating temperature	Surrounding air, max	North American temp code
0.2 Nm (1.48 lb-in)	0.22...0.25 Nm (1.95...2.21 lb-in.) using a 2.5 mm (0.10 in.) flat-blade screwdriver	-20...65 °C (-4...149 °F)	-40...85 °C (-40...185 °F)	65 °C (149 °F)	T4



### RS232/485 Serial Port Plug-in (2080-SERIALISOL)

#### Specifications (2080-SERIALISOL)

Mounting torque	Terminal screw torque	Wire size	Isolation voltage
0.2 Nm (1.48 lb-in)	0.22...0.25 Nm (1.95...2.21 lb-in) using a 2.5 mm (0.10 in.) flat-blade screwdriver	<b>Solid:</b> 0.14...1.5 mm <sup>2</sup> (26...16 AWG) <b>Stranded:</b> 0.14...1.0 mm <sup>2</sup> (26...18 AWG) rated @ 90 °C (194 °F) insulation max	500V AC

Operating temperature	Non-operating temperature	Surrounding air, max	North American temp code
-20...65 °C (-4...149 °F)	-40...85 °C (-40...185 °F)	65 °C (149 °F)	T4