

หมวดหมู่ : PLC



หัวข้อ : CompactLogix Systems

โดย : admin

อ่าน : 350

พฤหัสบดี ที่ 31 เดือน กรกฎาคม พ.ศ.2557



Compactlogix



## 1769 Packaged Controllers

### CPU

Model

Description

Available user memory

1769-L23-QBFC1B

512 kB

2 RS-232 serial ports (isolated DF1

1769-L23E-QB1B

512 kB

1 EtherNet/IP port

1769-L23E-QBFC1B

512 kB

1 EtherNet/IP port

|                     |  |   |  |
|---------------------|--|---|--|
| Communication ports | or ASCII; nonisolated DF1 only)  | 1 RS-232 port (DF1 or ASCII)  | 1 RS-232 port (DF1 or ASCII)   |
|                     | <ul style="list-style-type: none"> <li>• 16 DC inputs</li> <li>• 16 DC outputs</li> </ul>  | <ul style="list-style-type: none"> <li>• 16 DC inputs</li> <li>• 16 DC outputs</li> </ul> | <ul style="list-style-type: none"> <li>• 16 DC inputs</li> <li>• 16 DC outputs</li> </ul>  |
| Embedded I/O        | <ul style="list-style-type: none"> <li>• 4 analog inputs</li> <li>• 2 analog outputs</li> <li>• 4 high-speed counters</li> </ul> |   | <ul style="list-style-type: none"> <li>• 4 analog inputs</li> <li>• 2 analog outputs</li> <li>• 4 high-speed counters</li> </ul> |



### 1769 Modular Controllers

| Model                 | 1769-L31  | 1769-L32C   | 1769-L32E   |
|-----------------------|---|---|---|
| <b>Description</b>    |   |   |   |
| Available user memory | 512 kB  | 750 kB  | 750 kB  |
| CompactFlash card     | <ul style="list-style-type: none"> <li>• 1784-CF64</li> <li>• 1784-CF128</li> </ul> | <ul style="list-style-type: none"> <li>• 1784-CF64</li> <li>• 1784-CF128</li> </ul> | <ul style="list-style-type: none"> <li>• 1784-CF64</li> <li>• 1784-CF128</li> </ul> |
| Communication ports   | 2 RS-232 ports (isolated DF1 or ASCII; non-isolated DF1 only)                       | 1 ControlNet port<br>1 RS-232 serial port (DF1 or ASCII)                            | 1 EtherNet/IP port: (DF1 or ASCII)<br>1 RS-232 port (DF1 or ASCII)                  |



### 1768 CompactLogix Controllers

| Model              | 1768-L43 | 1768-L45 |
|--------------------|----------|----------|
| <b>Description</b> |          |          |

|                           |  |  |
|---------------------------|--|--|
| Available user memory     | 2 MB   | 3 MB   |
| CompactFlash card         | <ul style="list-style-type: none"> <li>• 1784-CF64</li> <li>• 1784-CF128</li> <li>• EtherNet/IP</li> </ul> | <ul style="list-style-type: none"> <li>• 1784-CF64</li> <li>• 1784-CF128</li> <li>• EtherNet/IP</li> </ul> |
| Communication options     | <ul style="list-style-type: none"> <li>• ControlNet</li> <li>• DeviceNet</li> </ul>                        | <ul style="list-style-type: none"> <li>• ControlNet</li> <li>• DeviceNet</li> </ul>                        |
| Serial communication port | 1 RS-232 port  | 1 RS-232 port  |

## Expansion I/O



### Model

#### Description

1769-IG16

1769-IQ6XOW4

1769-IQ16

1769-IQ16F

1769-IQ32

1769-IQ32T

1769-OB8

1769-OB16

1769-OB16P

1769-OB32

1769-OB32T

1769-OG16

### Description

#### Input /output/Signal Range

16 5V DC, TTL input

6 24V DC, sinking or sourcing

16 24V DC, sinking or sourcing

16 high-speed 24V DC, sinking or sourcing

32 24V DC, sinking or sourcing

32 terminated 24V DC, sinking or sourcing

8 24V DC, sourcing

16 24V DC, sourcing

16 protected 24V DC, sourcing

32 24V DC, sourcing

32 terminated 24V DC, sourcing

16 5V DC, TTL output

|                |  |
|----------------|--|
| 1769-OV16      | 16 24V DC, sinking                                       |
| 1769-OV32T     | 32 terminated 24V DC, sinking                            |
|                | ( 4 ) AI, 0...20 mA                                      |
|                | 4...20 mA  |
| 1769-IF4       | 0...10V DC $\pm$ 10V DC                                  |
|                | 0...5V DC  |
|                | 1...5V DC  |
| 1769-IF4I      | 4 individually isolated $\pm$ 10.5V DC -0.5...10.5V DC   |
| 1769-IF8       | 8 0...20 mA 4...20 mA 0...10V DC $\pm$ 10V DC            |
| 1769-IF16C     | 16 0...5V DC 1...5V DC 0...20 mA 4...20 mA               |
| 1769-IF16V     | 16 0...10V DC $\pm$ 10V DC 0...5V DC 1...5V DC           |
| 1769-OF2       | OUTPUT MODULE 2POINT ANALOG                              |
| 1769-OF4CI     | 4 current, individually isolated 4...20 mA 0...20V mA    |
| 1769-OF4VI     | 4 voltage, individually isolated -10...10V DC 0...10V DC |
| 1769-OF8C      | 8 current 0...20 mA 4...20 mA                            |
| 1769-OF8V      | 8 voltage $\pm$ 10V DC 0...10V DC 0...5V DC 1...5V DC    |
| 1769-IF4XOF2   | (4) ,(2) ,0...10V DC 0...20 mA                           |
| 1769-IF4FXOF2F | 4 high-speed 2 high-speed 4...20 mA 0...10V DC           |



## Communication Modules

| Model     | Description  |
|-----------|--|
| 1768-ENBT | 1768 EtherNet/IP communication bridge module                           |
| 1768-EWEB | 1768 Ethernet web server module  |
| 1768-CNB  | 1768 CompactLogix ControlNet communication bridge module, single media |
|           | 1768 CompactLogix ControlNet communication bridge module,              |

1768-CNBR

redundant media

1769-SDN

CompactLogix DeviceNet Scanner Module

1769-ADN

CompactLogix DeviceNet Adapter Module



**Accessories—I/O Modules  
Expansion Cables**

**Model**

**Description**

1769-CRLx

Right to left

Second bank

1769-CRRx

Right to right

1769-CRLx

Right to left

1769CRRx

Right to right

Third bank

1769-CLLx

Left to left



**1768 Power Supplies**

**Model**

**Description**

1768-PA3

CompactLogix Dual Voltage Input Power Supply 85...265V AC or 108...132V DC 24V DC

1768-PB3

CompactLogix 24V DC Input Power Supply 16.8...31.2V DC

## 1769 I/O Power Supplies



### Model

1769-PA2

1769-PB2

1769-PA4

1769-PB4

### Description

Compact 120/220V AC Expansion Power Supply

Compact 24V DC Expansion Power Supply

Compact 120/220V AC Expansion Power Supply

Compact 24V DC Expansion Power Supply



## End Caps

### Model

1769-ECR

1769-EC

1764-RTC

1764-MM1

1764-MM1RTC

1764-MM2

1764-MM2RTC

1764-MM3T

1764-MM3RTCT

1784-CF64

1784-CF128

### Description

Right end cap

Left end cap

MicroLogix 1500 Real-Time Clock Module

MicroLogix 1500 8 KB Memory Module

MicroLogix 1500 8 KB Memory Module with Real-Time Clock

MicroLogix 1500 16 KB Memory Module

MicroLogix 1500 16 KB Memory Module with Real-Time Clock

MicroLogix 1500 16 KB Memory Module with recipe data storage

MicroLogix 1500 16 KB Memory Module with recipe data storage and Real-Time Clock

64 MB Memory

128 MB Memory



## 1769 CompactLogix Batteries

|  |   |
|--|---|
| ModelDescription   | 1769-BA<br>Lithium battery (0.59 g)<br>1769-L23-QBFC1B, 1769-L23E-QB1B,<br>1769-L23E-QBFC1B |
| CompactLogix controllers   | 1769-L31<br>1769-L32C, 1769-L35CR<br>1769-L32E, 1769-L35E                                   |
| DH-485 Network   |   |
| 9-pin D-shell, straight to 9-pin D-shell, right angle  | 1747-CP3  |
| 9-pin D-shell, right angle to 9-pin D-shell, right angle   | 1761-CBL-AC00   |
| 9-pin D-shell, right angle to 8-pin mini-DIN   | 1761-CBL-AP00   |
| 9-pin D-shell, straight to 8-pin mini-DIN  | 1761-CBL-PM02   |
| Advanced Interface Converter (AIC+) connects each channel on the 1756-DH485 module to the DH-485 network | 1761-NET-AIC  |
| Remote access dial-in kit  | 9300-RADKIT   |
| <b>Ordering</b>  |   |
| <b>CPU</b>   |   |
| 1769-L23-QBFC1B  | 512 Kb 16 DI/16DO/4AI/2AO/4hsc  |
| 1769-L23E-QBFC1B   | 512 kB 1 EtherNet/IP port 16 DC inputs 16 DC outputs 4 high-speed counters                  |
| 1769-L23E-QB1B   | 512 kB 1 EtherNet/IP port 16 DC inputs 16 DC outputs  |
| 1769-L31   | 512 kB 2 RS-232 ports (isolated DF1 or ASCII; non-isolated DF1 only)                        |
| 1769-L32C  | 750 kB 1 ControlNet port 1 RS-232 serial port (DF1 or ASCII)                                |
| 1769-L32E  | 750 kB 1 EtherNet/IP port: (DF1 or ASCII) 1 RS-232 port (DF1 or ASCII)                      |
| 1769-L35CR   | 1.5 MB 1 RS-232 serial port (DF1 or ASCII) 1 redundant ControlNet port                      |

|           |  |
|-----------|--|
| 1769-L35E | 1.5 MB 1 EtherNet/IP port: (DF1 or ASCII) 1 RS-232 port (DF1 or ASCII) |
| 1768-L43  | 2 MB ,RS 232 1 PORT  |
| 1768-L45  | 3 MB ,RS 232 1 PORT  |

### Expansion I/O

|              |   |
|--------------|---|
| 1769-IA8I    | 8 individually isolated inputs 100/120V AC  |
| 1769-IA16    | 16 inputs 100/120V AC   |
| 1769-IM12    | 12 inputs 200/240V AC   |
| 1769-OA8     | 8 outputs 100/240V AC   |
| 1769-OA16    | 16 outputs 100/240V AC  |
| 1769-IG16    | 16 inputs 5V DC TTL signal input  |
| 1769-IQ16    | 16 inputs 24V DC, sinking or sourcing   |
| 1769-IQ16F   | 16 high-speed inputs 24V DC, sinking or sourcing  |
| 1769-IQ32    | 32 inputs 24V DC, sinking or sourcing   |
| 1769-IQ32T   | 32 inputs 24V DC, sinking or sourcing   |
| 1769-IQ6XOW4 | 6 inputs 24V DC, sinking or sourcing<br>4 outputs AC/DC normally open relay contact outputs |
| 1769-OB8     | 8 outputs 24V DC, sourcing  |
| 1769-OB16    | 16 outputs 24V DC, sourcing   |
| 1769-OB16P   | 16 outputs, protected 24V DC, sourcing  |
| 1769-OB32    | 32 outputs 24V DC, sourcing   |
| 1769-OB32T   | 32 outputs 24V DC, sourcing   |
| 1769-OG16    | 16 outputs 5V DC TTL signal output  |
| 1769-OV16    | 16 outputs 24V DC, sinking  |
| 1769-OV32T   | 32 outputs 24V DC, sinking  |
| 1769-OW8     | 8 outputs   |
| 1769-OW8I    | 8 outputs, individually isolated  |
| 1769-OW16    | 16 outputs  |
| 1769-IF4     | 4 inputs, differential or single-ended 0...20 mA, 4...20 mA                                 |
| 1769-IF4I    | 4 inputs, differential or single-ended, individually isolated 4...20 mA                     |
| 1769-IF8     | 8 inputs, differential or single-ended 0...20 mA, 4...20 mA                                 |
| 1769-IF16C   | 16 inputs, single-ended 0...20 mA, 4...20 mA  |
| 1769-IF16V   | 16 inputs, differential 0...10V   |



|                |  |
|----------------|--|
| 1769-IF4XOF2   | 4 differential or single-ended inputs 0...20 mA<br>2 single-ended outputs 0...10V DC                               |
| 1769-IF4FXOF2F | 4 high-speed differential or single-ended inputs 0...20 mA, 4...20 mA<br>2 high-speed single-ended outputs 0...10V |
| 1769-OF2       | 2 outputs, single-ended 0...20 mA, 4...20 mA   |
| 1769-OF4       | 4 outputs, single-ended 0...20 mA, 4...20 mA   |
| 1769-OF4CI     | 4 outputs, differential, individually isolated 0...20 mA, 4...20 mA  |
| 1769-OF4VI     | 4 outputs, differential, individually isolated 0...10V   |
| 1769-OF8C      | 8 outputs, single-ended 0...20 mA, 4...20 mA   |
| 1769-OF8V      | 8 outputs, single-ended 0...10V  |
| 1769-IR6       | 6 RTD inputs   |
| 1769-IT6       | 6 thermocouple inputs Thermocouple types B, C, E, J, K, N, R, S, T   |

#### **Communication Interface Devices**

|               |  |
|---------------|--|
| 1768-ENBT     | 1768 EtherNet/IP communication bridge module   |
| 1768-EWEB     | 1768 Ethernet web server module  |
| 1768-CNB      | 1768 CompactLogix ControlNet communication bridge module, single media                                   |
| 1768-CNBR     | 1768 CompactLogix ControlNet communication bridge module, redundant media                                |
| 1769-SDN      | CompactLogix DeviceNet Scanner Module  |
| 1769-ADN      | CompactLogix DeviceNet Adapter Module  |
| 1747-CP3      | 9-pin D-shell, straight to 9-pin D-shell, right angle  |
| 1761-CBL-AC00 | 9-pin D-shell, right angle to 9-pin D-shell, right angle   |
| 1761-CBL-AP00 | 9-pin D-shell, right angle to 8-pin mini-DIN   |
| 1761-CBL-PM02 | 9-pin D-shell, straight to 8-pin mini-DIN  |
| 1761-NET-AIC  | Advanced Interface Converter (AIC+) connects each channel on the 1756-DH485 module to the DH-485 network |
| 9300-RADKIT   | Remote access dial-in kit  |
| 1769-CRLx     | Right to left  |
| 1769-CRRx     | Right to right   |
| 1769-CRLx     | Right to left  |
| 1769CRRx      | Right to right   |
| 1769-CLLx     | Left to left   |

|              |   |
|--------------|---|
| 1768-PA3     | CompactLogix Dual Voltage Input Power Supply 85...265V AC or 108...132V DC 24V DC |
| 1768-PB3     | CompactLogix 24V DC Input Power Supply 16.8...31.2V DC                            |
| 1769-PA2     | Compact 120/220V AC Expansion Power Supply  |
| 1769-PB2     | Compact 24V DC Expansion Power Supply   |
| 1769-PA4     | Compact 120/220V AC Expansion Power Supply  |
| 1769-PB4     | Compact 24V DC Expansion Power Supply   |
| 1769-ECR     | Right end cap   |
| 1769-EC      | Left end cap  |
| 1764-RTC     | MicroLogix 1500 Real-Time Clock Module  |
| 1764-MM1     | MicroLogix 1500 8 KB Memory Module  |
| 1764-MM1RTC  | MicroLogix 1500 8 KB Memory Module with Real-Time Clock                           |
| 1764-MM2     | MicroLogix 1500 16 KB Memory Module   |
| 1764-MM2RTC  | MicroLogix 1500 16 KB Memory Module with Real-Time Clock                          |
| 1764-MM3T    | MicroLogix 1500 16 KB Memory Module with recipe data storage                      |
| 1764-MM3RTCT | MicroLogix 1500 16 KB Memory Module with recipe data storage and Real-Time Clock  |
| 1784-CF64    | 64 MB Memory  |
| 1784-CF128   | 128 MB Memory   |
| 1769-BA      | Lithium battery   |