

# Catalogue No: 1769-L24ER-QBFC1B

## COMPACTLOGIX 5370-L2 PROCESSOR 16DI/16DO/4AI/2AO/4HSC 750KB

Automation Systems > Modular Programmable Controllers > Compact PLC Systems > Allen-Bradley Bulletin 1769 CompactLogix™ > CompactLogix™ Controllers > CompactLogix™ 5370 L2 Controllers



Dual Ethernet w/DLR capability, 750KB Memory, 4 I/O Expansion, 8 Ethernet IP Nodes, 24V DC. Controllers are shipped with 1GB SD card and can support up to 2GB SD card



- Device Level Ring (DLR) for enhanced network resiliency
- Local I/O expansion with Bulletin 1769 CompactLogix I/O™ modules increases local control capability
- Distributed I/O via EtherNet/IP offers additional flexibility in I/O options
- Open socket capability for devices such as printers, barcode readers, and servers
- Embedded USB port provides easy access for firmware downloads and programming

Representative Photo Only  
(actual product may vary based on configuration selections)

### SPECIFICATIONS

Product Series	CompactLogix (Bul. 1768 / 1769)
Component Type PLC & I/O	Controller with onboard I/O
Memory, Controller	750 kB memory
Integrated Motion Control	No
Memory Card Option	SD Card
Communications Ports (On Board)	USB (programming only) 2xRJ-45
Communications Protocols	Open Socket EtherNet/IP EtherNet/OCPP DLR (EtherNet/IP Device Level Ring)
Unom, Supply Voltage, DC, Nom	24 V DC
Quantity, Total Input	24 qty
Quantity, Digital Input	16 qty
Quantity, High Speed Counter Input	4 qty
Number of Digital Inputs	16 qty
Digital Input Type	24V DC Sinking/Sourcing type
Digital Input Range	10 ... 28.8V DC
Quantity, Total Output	22 qty
Quantity, Digital Output	16 qty
Quantity, High Speed Counter Output	4 qty
Number of Digital Outputs	16 qty
Digital Output Type	24V DC Sourcing (NPN) type
Digital Output Range	10 ... 28.8V DC
Number of Analogue Inputs	4 qty
Analogue Input Type(s)	Current / Voltage / RTD / Resistance / Thermocouple / mV, Single-Ended / Differential

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Analogue Input Range(s)	-100 ... 100mV DC -50 ... 50mV DC -10 ... 10V DC 0 ... 10V DC 0 ... 5V DC 1 ... 5V DC 0 ... 20mA 4 ... 20mA 0 ... 150Ω 0 ... 500Ω 0 ... 1kΩ 0 ... 3kΩ 100Ω Pt 385 200Ω Pt 385 500Ω Pt 385 1kΩ Pt 385 100Ω Pt 392 200Ω Pt 392 500Ω Pt 392 1kΩ Pt 392 10Ω Cu 427 120Ω Ni 618 120Ω Ni 672 604Ω NiFe 519 Type K Type R Type S Type B Type J Type T Type E Type N Type C
Number of Analogue Outputs	2 qty
Quantity, Analogue Output	2 qty
Analogue Output Type(s)	Current / Voltage: Single-Ended
Analogue Output Range(s)	-10 ... 10V DC 0 ... 5V DC 0 ... 10V DC 1 ... 5V DC 0 ... 20mA 4 ... 20mA
Number of Specialty Channels	4 qty
Signal Type, Specialty	High Speed Counter
Number of Local Expansion Modules	4 qty local
Number of EtherNet/IP nodes, max	8 nodes, max
Software, Configuration	RSLogix5000 / Studio 5000 (Logix Designer)
Module Specific Functions	2xAnalogue Input are Current / Voltage / Thermocouple / mV, 2x Analogue Inputs are RTD / Resistance
Operating Temperature, Max	60 °C max
Operating Temperature, Min	0 °C min
Storage Temperature, Max	85 °C max
Storage Temperature, Min	-40 °C min
Relative Humidity, Max	95 %RH
Humidity Type	Non-condensing

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### REFERENCES

IECEX Certificate -

Supplier Declaration of Conformity: -

Installation Guide: -

User Manual: -

Manufacturer Datasheet: -

Manufacturer Catalogue & Product Selection: -