

ArmorBlock WeldBlock 2-Port EtherNet Self-configurable with QuickConnect

■ Catalog Number: 1732E-16CFGM12QCWR

Parts List

Your package contains one 1732E ArmorBlock® WeldBlock module and these pinout guide wiring instructions. For complete installation instructions, see module publication number table and visit rok.auto/literature.

Module Publication Number

Module	Publication Number
ArmorBlock 2-Port EtherNet/IP™ Modules with QuickConnect	1732E-IN010



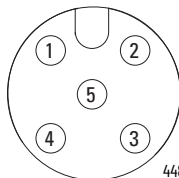
BURN HAZARD: HOT SURFACE. RISK OF BURN.



ATTENTION: Two sets of mounting holes are used to mount the module directly to a panel or machine. Mounting holes accommodate #8 (M4) pan head screws. The torque specification is 1.13 N•m (10 lb•in.).

I/O Connectors

Micro-style 5-Pin Selectable Point Connector

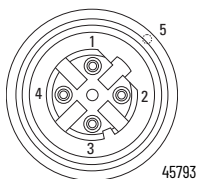


44807

(View into connector)
 Pin 1 Sensor source voltage
 Pin 2 Input B or Output B
 Pin 3 Return
 Pin 4 Input A or Output A
 Pin 5 PE

EtherNet/IP Connector

D-Code Micro Network Female Connector



(View into connector 1)

- Pin 1 M12_Tx+
- Pin 2 M12_Rx+
- Pin 3 M12_Tx-
- Pin 4 M12_Rx-
- Pin 5 Connector shell shield GND

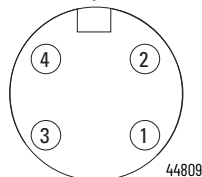
(View into connector 2)

- Pin 1 M12_Rx+
- Pin 2 M12_Tx+
- Pin 3 M12_Rx-
- Pin 4 M12_Tx-
- Pin 5 Connector shell shield GND

Auxiliary Power Connector

Mini-style 4-Pin Receptacles

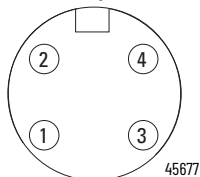
Male Input



(View into receptacle)

- Pin 1 Output power+
- Pin 2 Sensor/MDL power+
- Pin 3 Sensor/MDL power-
- Pin 4 Output power-

Female Output



The ground for module power and output power are shared.



ATTENTION: This equipment is considered Group 1, Class A industrial equipment according to IEC/CISPR 11. Without appropriate precautions, there may be difficulties with electromagnetic compatibility in residential and other environments due to conducted and radiated disturbance.



ATTENTION: To comply with UL restrictions, this equipment must be powered from a source compliant with the following: Limited Voltage. This equipment is intended for use in a Pollution Degree 2 Industrial Environment.

Specifications

Environmental Specifications

Attribute	Value
Temperature, operating	IEC60068-2-1 (Test Ad, Operating Cold), IEC60068-2-2, (Test Bd, Operating Dry Heat), IEC 60068-2-14 (Test Nb, Operating Thermal Shock): -20...60 °C (-4...140 °F)
Temperature, ambient, max	60 °C (140 °F)
Voltage, operating	12...30V DC
Output current, per port	0.5 A
Enclosure type rating	Meets IP65/66/67/69K (when marked) Use Only, with receptacle dust caps or cable termination

Certifications

Certification (when product is marked) ⁽¹⁾	Value
c-UL-us	UL Listed Industrial Control Equipment, certified for US and Canada. See UL File E322657.
CE	European Union 2014/30/EU EMC Directive, compliant with: EN 61326-1; Meas./Control/Lab., Industrial Requirements EN 61000-6-2; Industrial Immunity EN 61000-6-4; Industrial Emissions EN 61131-2; Programmable Controllers (Clause 8, Zone A & B)
RCM	Australian Radiocommunications Act, compliant with: EN 61000-6-4; Industrial Emissions
EtherNet/IP	ODVA conformance tested to EtherNet/IP specifications.
KC	Korean Registration of Broadcasting and Communications Equipment, compliant with: Article 58-2 of Radio Waves Act, Clause 3

- (1) See the Product Certification link at rok.auto/certifications for Declaration of Conformity, Certificates, and other certification details.

Rockwell Automation Support

Use these resources to access support information.

Technical Support Center	Find help with how-to videos, FAQs, chat, user forums, and product notification updates.	rok.automation.com/support
Knowledgebase	Access Knowledgebase articles.	rok.automation.com/knowledgebase
Local Technical Support Phone Numbers	Locate the telephone number for your country.	rok.automation.com/phonesupport
Literature Library	Find installation instructions, manuals, brochures, and technical data publications.	rok.automation.com/literature
Product Compatibility and Download Center (PCDC)	Download firmware, associated files (such as AOP, EDS, and DTM), and access product release notes.	rok.automation.com/pcdc

Documentation Feedback

Your comments help us serve your documentation needs better. If you have any suggestions on how to improve our content, complete the form at rok.automation.com/docfeedback.





Waste Electrical and Electronic Equipment (WEEE)



At the end of life, this equipment should be collected separately from any unsorted municipal waste.

Rockwell Automation maintains current product environmental compliance information on its website at rok.automation.com/pec.

Rockwell Otomasyon Ticaret A.Ş. Kar Plaza İş Merkezi E Blok Kat:6 34752, İçerenköy, İstanbul, Tel: +90 (216) 5698400 EEE Yönetmeliğine Uygundur

Connect with us.    

rockwellautomation.com

expanding human possibility™

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

Allen-Bradley, ArmorBlock, expanding human possibility, FactoryTalk, Rockwell Automation and TechConnect are trademarks of Rockwell Automation, Inc.

EtherNet/IP is a trademark of ODVA, Inc.

Trademarks not belonging to Rockwell Automation are property of their respective companies.