



Pinout Guide for 1738 ArmorPoint AC and Relay I/O, Series A

Package Contents

Your package contains:

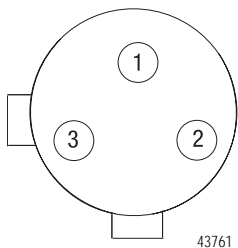
- one 1738 ArmorPoint™ module
- these pinout guide wiring instructions

Complete installation instructions are available on line at URL <http://www.ab.com/manuals/io/>. Installation instructions for the following modules are found in the publications listed below.

Module	Publication Number
ArmorPoint 24V dc AC Input Modules (Cat. nos. 1738-IA2M12AC3 and -IA2M12AC4)	1738-IN006
ArmorPoint 24V dc AC Output Module (Cat. no. 1738-OA2M12AC3)	1738-IN007
ArmorPoint Relay Output Modules (Cat. nos. 1738-OW4M12 and -OW4M12AC)	1738-IN008

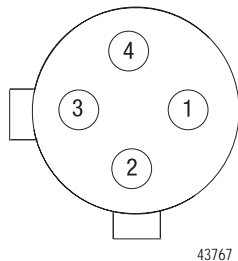
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1738-IA2M12AC3



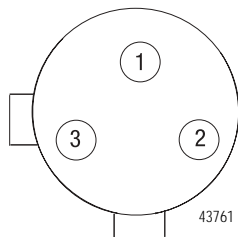
(view into connector)
Pin 1 - Chassis
Pin 2 - L1
Pin 3 - Input 0 (M12-A)
Input 1 (M12-B)

1738-IA2M12AC4

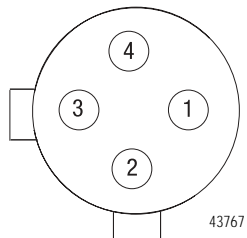


(view into connector)
Pin 1 - L1
Pin 2 - L2/N
Pin 3 - Input 0 (M12-A)
Input 1 (M12-B)
Pin 4 - Chassis

1738-OA2M12AC3



(view into connector)
Pin 1 - Chassis
Pin 2 - L2/N
Pin 3 - Output 0 (M12-A)
Output 1 (M12-B)

1738-OW4M12AC

(view into connector)

Pin 1 - L1

Pin 2 - L2/N

Pin 3 - Output 0A (M12-A)

Output 1A (M12-B)

Output 2A (M12-C)

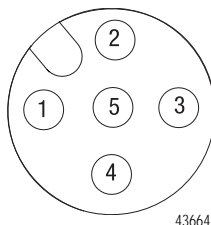
Output 3A (M12-D)

Pin 4 - Output 0B (M12-A)

Output 1B (M12-B)

Output 2B (M12-C)

Output 3B (M12-D)

1738-OW4M12

(view into connector)

Pin 1 - 24V dc

Pin 2 - Output 0B (M12-A)

Output 1B (M12-B)

Output 2B (M12-C)

Output 3B (M12-D)

Pin 3 - Common

Pin 4 - Output 0A (M12-A)

Output 1A (M12-B)

Output 2A (M12-C)

Output 3A (M12-D)

Pin 5 - No Connect

Specifications

Operating Temperature	-20 to 60°C (-4 to 140°F)
Operating Voltage	65-132V ac (1738-IA2M12AC3 and 1738-IA2M12AC4) 74-264V ac (1738-OA2M12AC3) For 1738-OW4M12AC and 1738-OW4M12 modules, see publication 1738-IN008
Certifications: (when product is marked)	C-UL-us UL Listed Industrial Control Equipment, certified for US and Canada CE ¹ European Union 89/336/EEC EMC Directive, compliant with: EN 61000-6-4; Industrial Emissions EN 50082-2; Industrial Immunity EN 61326; Meas./Control/Lab., Industrial Requirements EN 61000-6-2; Industrial Immunity European Union 73/23/EEC LVD Directive, compliant with: EN 61131-2; Programmable Controllers C-Tick ¹ Australian Radiocommunications Act, compliant with: AS/NZS CISPR 11; Industrial Emissions ODVA ODVA conformance tested to DeviceNet™ specifications

1. See the Product Certification link at www.ab.com for Declarations of Conformity, Certificates, and other certification details.

ATTENTION



This equipment is considered Group 1, Class A industrial equipment according to IEC/CISPR Publication 11. Without appropriate precautions, there may be potential difficulties ensuring electromagnetic compatibility in other environments due to conducted as well as radiated disturbance.

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www.rockwellautomation.com

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Publication 1738-WD002B-EN-P - July 2004

PN 957899-76

Supersedes Publication 1738-WD002A-EN-P - April 2004

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