

Installation Instructions

MicroLogix™ 1200 Programmable Controllers

(Cat. No. 1762-L24AWA, 1762-L24BWA, 1762-L24BXB, 1762-L40AWA, 1762-L40BWA, 1762-L40BXB, 1762-L24AWAR, 1762-L24BWAR, 1762-L24BXBR, 1762-L40AWAR, 1762-L40BWAR, 1762-L40BXBR)

http://literature.rockwellautomation.com/idc/groups/literature/documents/in/1762-in006_-mu-p.pdf

FR

Cette publication est disponible en français sous forme électronique (fichier PDF). Pour la télécharger, rendez-vous sur la page Internet indiquée ci-dessus.

IT

Questa pubblicazione è disponibile in Italiano in formato PDF. Per scaricarla collegarsi al sito Web indicato sopra.

DE

Diese Publikation ist als PDF auf Deutsch verfügbar. Gehen Sie auf die oben genannte Web-Adresse, um nach der Publikation zu suchen und sie herunterzuladen.

ES

Esta publicación está disponible en español como PDF. Diríjase a la dirección web indicada arriba para buscar y descarga esta publicación.

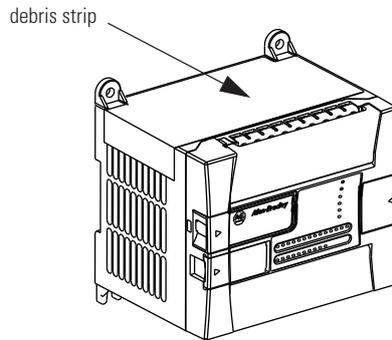
PT

Esta publicação está disponível em português como PDF. Vá ao endereço web que aparece acima para encontrar e fazer download da publicação.

Overview

MicroLogix™ 1200 Controllers are suitable for use in an industrial environment when installed in accordance with these instructions. Specifically, this equipment is intended for use in clean, dry environments (Pollution degree 2⁽¹⁾) and to circuits not exceeding Over Voltage Category II⁽²⁾ (IEC 60664-1).⁽³⁾

Install your controller using these installation instructions.



ATTENTION



Do not remove the protective debris strip until after the controller and all other equipment in the panel near the controller is mounted and wiring is complete. Once wiring is complete, remove protective debris strip. Failure to remove strip before operating can cause overheating.

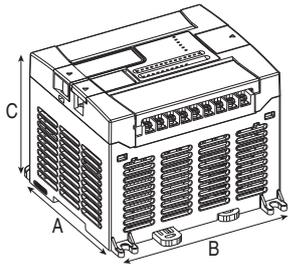
ATTENTION



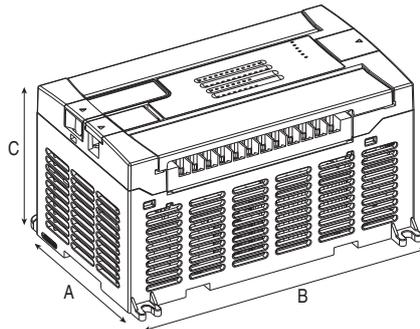
Electrostatic discharge can damage semiconductor devices inside the controller. Do not touch the connector pins or other sensitive areas.

-
- ⁽¹⁾ Pollution Degree 2 is an environment where, normally, only non-conductive pollution occurs except that occasionally a temporary conductivity caused by condensation shall be expected.
- ⁽²⁾ Over Voltage Category II is the load level section of the electrical distribution system. At this level transient voltages are controlled and do not exceed the impulse voltage capability of the product's insulation.
- ⁽³⁾ Pollution Degree 2 and Over Voltage Category II are International Electrotechnical Commission (IEC) designations.

Mounting Dimensions



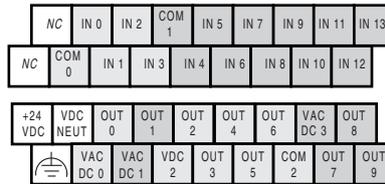
1762-L24AWA, 1762-L24BWA, 1762-L24BXB,
1762-L24AWAR, 1762-L24BWAR, 1762-L24BXBR



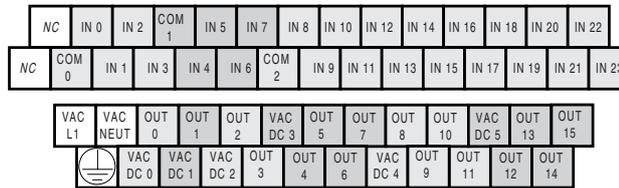
1762-L40AWA, 1762-L40BWA, 1762-L40BXB,
1762-L40AWAR, 1762-L40BWAR, 1762-L40BXBR

Dimension	1762-					
	L24AWA, L24AWAR	L24BWA, L24BWAR	L24BXB, L24BXBR	L40AWA, L40AWAR	L40BWA, L40BWAR	L40BXB, L40BXBR
A	90 mm (3.5 in.)			90 mm (3.5 in.)		
B	110 mm (4.33 in.)			160 mm (6.30 in.)		
C	87 mm (3.43 in.)			87 mm (3.43 in.)		

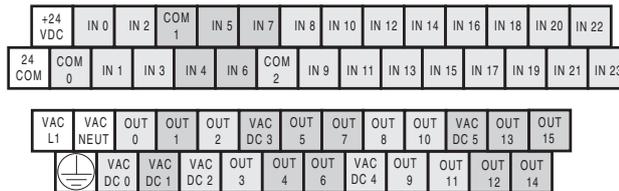
1762-L24BXB,
1762-L24BXHR



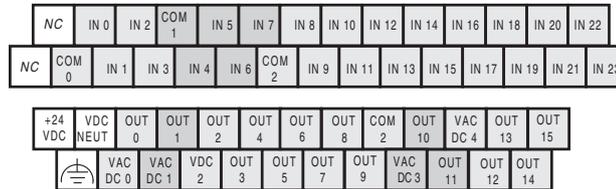
1762-L40AWA,
1762-L40AWAR



1762-L40BWA,
1762-L40BWAR



1762-L40BXB,
1762-L40BXHR



Description	1762-L24BWA, 1762-L40BWA, 1762-L24BWAR, 1762-L40BWAR
Power Supply Input to Backplane Isolation	Verified by one of the following dielectric tests: 1836V ac for 1 second or 2596V dc for 1 second
	265V ac Working Voltage (IEC Class 2 reinforced insulation)
Input Group to Backplane Isolation and Input Group to Input Group Isolation	Verified by one of the following dielectric tests: 1200V ac for 1 second or 1697V dc for 1 second
	75V dc Working Voltage (IEC Class 2 reinforced insulation)
Output Group to Backplane Isolation	Verified by one of the following dielectric tests: 1836V ac for 1 second or 2596V dc for 1 second
	265V ac Working Voltage (IEC Class 2 reinforced insulation).
Output Group to Output Group Isolation	Verified by one of the following dielectric tests: 1836V ac for 1 second or 2596V dc for 1 second
	265V ac Working Voltage (basic insulation) 150V Working Voltage (IEC Class 2 reinforced insulation)

Description	1762-L24BXB, 1762-L40BXB, 1762-L24BXBR, 1762-L40BXBR
Input Group to Backplane Isolation and Input Group to Input Group Isolation	Verified by one of the following dielectric tests: 1200V ac for 1 second or 1697V dc for 1 second
	75V dc Working Voltage (IEC Class 2 reinforced insulation)
FET Output Group to Backplane Isolation	Verified by one of the following dielectric tests: 1200V ac for 1 second or 1697V dc for 1 second
	75V dc Working Voltage (IEC Class 2 reinforced insulation)
Relay Output Group to Backplane Isolation	Verified by one of the following dielectric tests: 1836V ac for 1 second or 2596V dc for 1 second
	265V ac Working Voltage (IEC Class 2 reinforced insulation).
Relay Output Group to Relay Output Group and FET Output Group Isolation	Verified by one of the following dielectric tests: 1836V ac for 1 second or 2596V dc for 1 second
	265V ac Working Voltage (basic insulation) 150V Working Voltage (IEC Class 2 reinforced insulation)

