# I/O Link Unit

# CPM1A-DRT21

## I/O Link Unit for CPM2A/CPM1A PLCs

- Functions as a slave for DeviceNet.
- Equipped with 32 input points and 32 output points for I/O exchange with the master.
- · International standards: UL, CSA, CE.

## **Ordering Information**

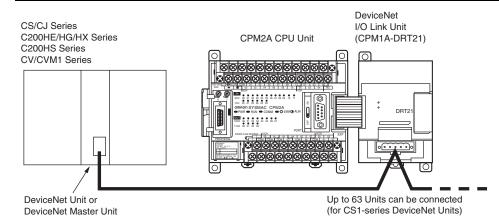
Name	Maximum I/O points	Model
I/O Link Unit (for CPM2A and CPM1A PLCs)	32 inputs/32 outputs	CPM1A-DRT21

## **Specifications**

Communications power supply voltage	11 to 25 VDC
Current consumption	10 mA max. at 24 VDC
Maximum I/O points	32 inputs, 32 outputs
Number of allocated words in CPM2A I/O memory	Input: 2 words; Output: 2 words (Same allocation as for other Expansion Units)
Node address setting method	Set using DIP switch
No. of connectable Units	3 max.



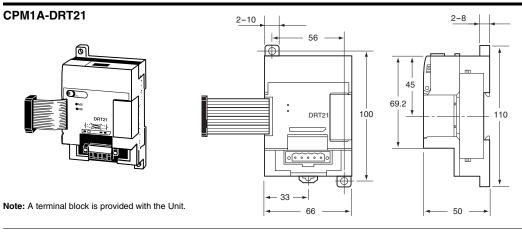
## **Connection Example**



Note: Up to 3 DeviceNet I/O Link Units and other Expansion I/O Units can be mounted to CPM1A/CPM2A CPU Units.

## Dimensions

(Unit: mm)



Refer to the relevant catalog for details on CPM1A and CPM2A PLCs (CPM1: P035; CPM2A/CPM2C: P049).

#### Read and Understand This Catalog

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The following are some examples of applications for which particular attention must be given. This is not intended to be an exhaustive list of all possible uses of the products, nor is it intended to imply that the uses listed may be suitable for the products:

- Outdoor use, uses involving potential chemical contamination or electrical interference, or conditions or uses not described in this catalog.
- Nuclear energy control systems, combustion systems, railroad systems, aviation systems, medical equipment, amusement machines, vehicles, safety equipment, and installations subject to separate industry or government regulations.
- Systems, machines, and equipment that could present a risk to life or property.

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## **DIMENSIONS AND WEIGHTS**

Dimensions and weights are nominal and are not to be used for manufacturing purposes, even when tolerances are shown.

#### PERFORMANCE DATA

Performance data given in this catalog is provided as a guide for the user in determining suitability and does not constitute a warranty. It may represent the result of OMRON's test conditions, and the users must correlate it to actual application requirements. Actual performance is subject to the OMRON Warranty and Limitations of Liability.

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In the interest of product improvement, specifications are subject to change without notice.

