

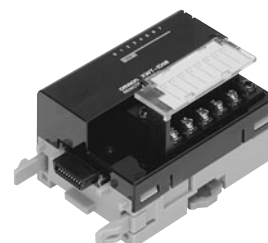
## Expansion Units

**XWT-ID08(-1)/OD08(-1)/ID16(-1)/OD16(-1)****Expansion I/O Units make expansion easy!**

One Expansion Unit can be added to each Digital I/O Slave Unit.

This makes a variety of I/O combinations possible, such as 16 inputs + 8 outputs, extending the range of possible system configurations.

- Flexible expansion with many different combinations.
- Removable I/O terminal block enables faster startup time and improved maintainability.
- Collect various preventive maintenance data required to improve productivity, such as information on equipment deterioration due to aging and equipment operating time data.

**Ordering Information**

Name	Specifications				Model
Expansion Units	Inputs	8 inputs	NPN	One Expansion Unit can be mounted to one CRT1-ID16(-1), CRT1-OD16(-1), CRT1-ROS16, or CRT1-ROF16 Digital I/O Slave.	XWT-ID08
			PNP		XWT-ID08-1
	Outputs	8 outputs	NPN		XWT-OD08
			PNP		XWT-OD08-1
	Inputs	16 inputs	NPN		XWT-ID16
			PNP		XWT-ID16-1
	Outputs	16 outputs	NPN		XWT-OD16
			PNP		XWT-OD16-1

**Performance Specifications**

For Basic Performance Specifications of Slave Units, refer to page 26.

**Input Section Specifications**

Item	Specification			
Model	XWT-ID08	XWT-ID08-1	XWT-ID16	XWT-ID16-1
Internal I/O common	NPN	PNP	NPN	PNP
I/O capacity	8 inputs		16 inputs	
ON voltage	15 VDC min. (between each input terminal and the V terminal)	15 VDC min. (between each input terminal and the G terminal)	15 VDC min. (between each input terminal and the V terminal)	15 VDC min. (between each input terminal and the G terminal)
OFF voltage	5 VDC max. (between each input terminal and the V terminal)	5 VDC max. (between each input terminal and the G terminal)	5 VDC max. (between each input terminal and the V terminal)	5 VDC max. (between each input terminal and the G terminal)
OFF current	1.0 mA max.			
Input current	At 24 VDC: 6.0 mA max./input At 17 VDC: 3.0 mA max./input			
ON delay	1.5 ms max.			
OFF delay	1.5 ms max.			
Number of circuits per common	8 inputs/common		16 inputs/common	
Communications power supply current consumption	5 mA		10 mA	
Weight	80 g max.		120 g max.	

# Output Section Specifications

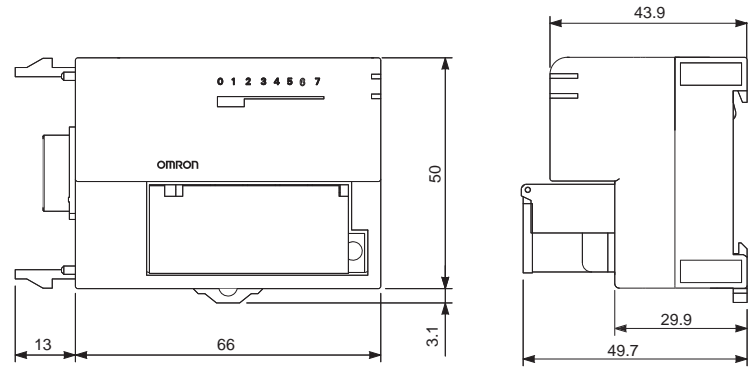
Item	Specification			
Model	XWT-OD08	XWT-OD08-1	XWT-OD16	XWT-OD16-1
Internal I/O common	NPN	PNP	NPN	PNP
I/O capacity	8 outputs		16 outputs	
Rated output current	0.5 A/output, 2.0 A/common		0.5 A/output, 4.0 A/common	
Residual voltage	1.2 V max. (0.5 A DC, between each output terminal and the G terminal)	1.2 V max. (0.5 A DC, between each output terminal and the V terminal)	1.2 V max. (0.5 A DC, between each output terminal and the G terminal)	1.2 V max. (0.5 A DC, between each output terminal and the V terminal)
Leakage current	0.1 mA max.			
ON delay	0.5 ms max.			
OFF delay	1.5 ms max.			
Number of circuits per common	8 outputs/common		16 outputs/common	
Communications power supply current consumption	5 mA		10 mA	
Weight	80 g max.		120 g max.	

## Dimensions

(Unit: mm)

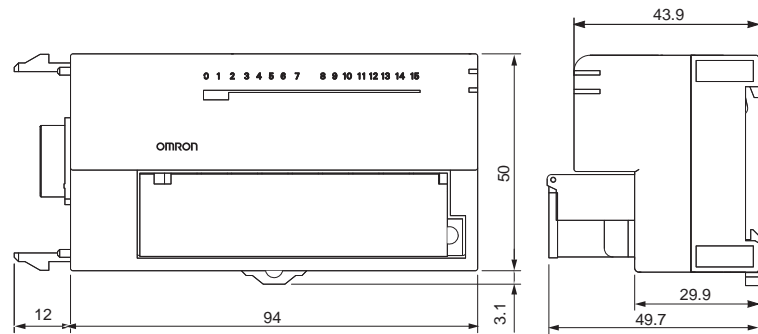
XWT-ID08 (-1)

XWT-OD08 (-1)



XWT-ID16 (-1)

XWT-OD16 (-1)



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2010.3

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