

# WECON LX3V-EY MODULES



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# LX3V-EY Extension module

## 1. Naming rule

Naming rule of LX3V I/O output extension module:

**LX3V - 16 E Y**

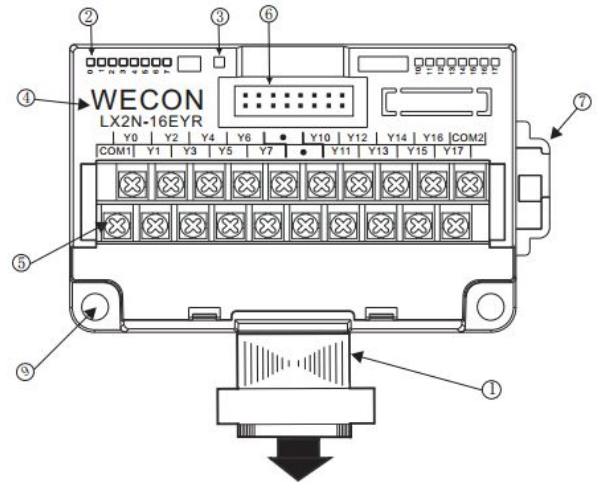
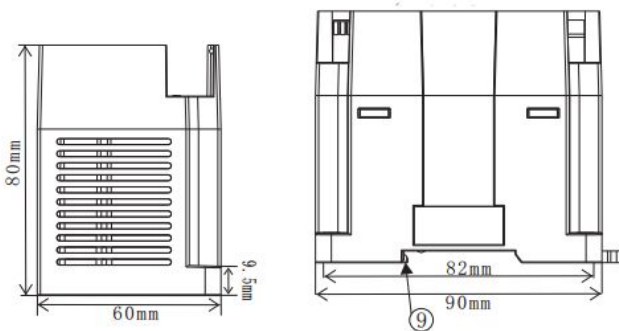
①                      ②    ③ ④    ⑤

- ① Wecon series programming logic controller
- ② Extension output point
- ③ Extension module
- ④ Extension output (Y)
- ⑤ T: transistor ; R:relay

## 2. External dimensions

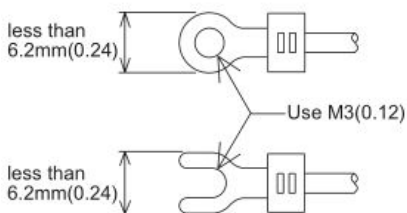
Weight:Approx 0.3kg (0.661bs)

Dimensions:mm (inches)



- ① Extension cable and connector
- ② Power LED:Light when connect to 24V
- ③ State LED:Light when normal condition
- ④ Module name
- ⑤ Analog signal output terminal
- ⑥ Extension module interface
- ⑦ DIN rail mounting slot
- ⑧ DIN rail hook
- ⑨ Mounting holes( $\phi 4.5$ )

### 2.1 Using crimp terminations



- Use crimp terminations of the type indicated on the left.
- Secure the termination using a tightening torque of between 5 and 8 kg·cm.
- Wire only to the module terminals discussed in this manual. Leave all others vacant.

### 3.Output Specification

Item	Relay output	Transistor output	
Mode	LX3V-16EYR	LX3V-16EYT	
Output circuit			
Power supply	Less than AC25V or DC30V	DC5V ~ 30V	
Circuit insulation	Mechanical	Photo-coupling	
LED	LED ON when relay is energized	LED on when Photo-coupling is driven	
Load	Resistance	2A/ one point	0.5A/ one point
	inductance	8A/ two point COM	0.8A/ two point
	Lamp	8A/ eight point COM	1.6A/ eight point
Leakage current	-----	0.1mA/DC30V	
Minimum load	DC5V 2mA reference value	-----	
OFF->ON	About 10ms	Less than 0.2ms	
ON->OFF			