

# WECON LX3V-EX MODULES



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# LX3V-EX Extension module

## 1. Naming rule

Naming rule of LX3V I/O output extension module:

**LX3V - 16 E X \_**

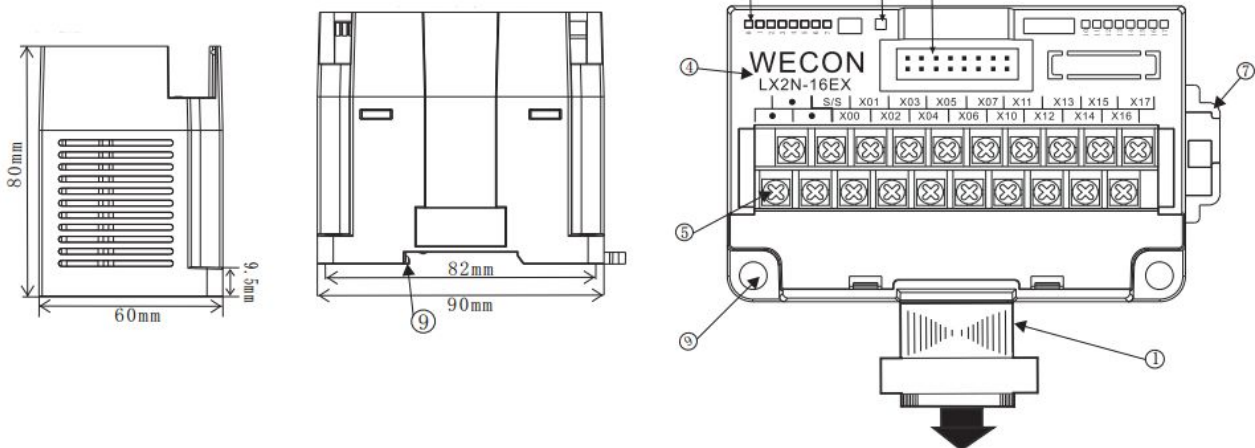
①                      ②                      ③ ④                      ⑤

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

## 2. External dimensions

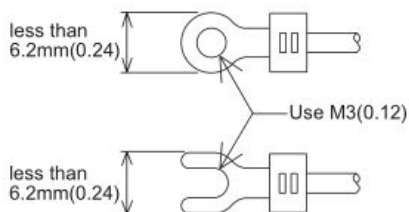
Weight:Approx 0.3kg (0.661bs)

Dimensions:mm (inches)



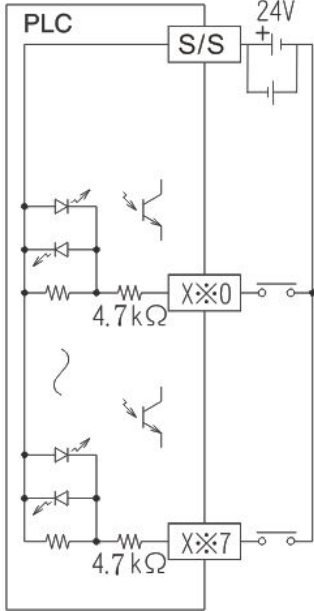
- ① Extension cable and connector
- ② Power LED:Light when connect to 24V
- ③ State LED:Light when normal condition
- ④ Module name
- ⑤ Analog signal output terminal
- ⑥ Extension module interface
- ⑦ DIN rail mounting slot
- ⑧ DIN rail hook
- ⑨ Mounting holes( $\phi 4.5$ )

### 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	DC input
Mode	LX3V-16EX
Output circuit	
Input voltage	DC $\pm 24V \pm 10\%$ *1
Input current	5mA/ DC24V
Input ON current	Less than 3.5mA
Input OFF current	Less than 1.5mA
Input response time	About 10ms
	X0~X7 built-in digital filter, setting time 0 ~ 60ms
Input signal	Contactor NPN or PNP
Circuit insulation	Photo coupling
LED	LED ON when input is ON

\* When power supply is DC, please follow the instruction of voltage range in each unit.