



Output expansion module user manual



Website: <http://www.we-con.com.cn/en>

Technical Support: support@we-con.com.cn

Skype: fcwkkj

Phone: 86-591-87868869

QQ: 1043098682

Technical forum: <http://wecon.freeforums.net/>



General

This manual is applied to LX3V-8EY and LX3V-16EY digital output expansion modules.

1. Naming rule

Naming rule of LX3V I/O output expansion module:

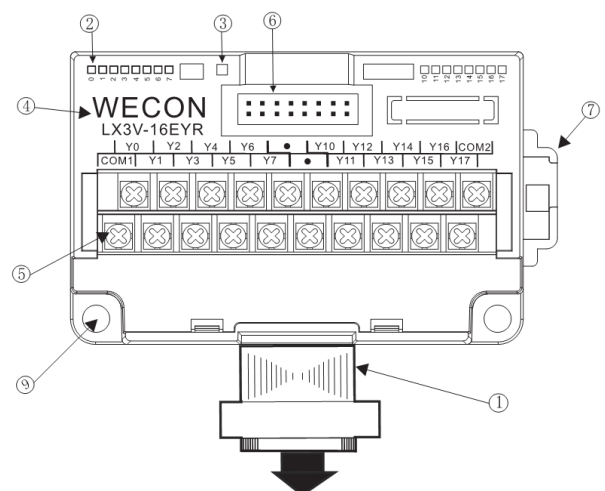
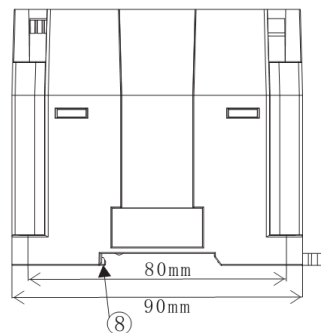
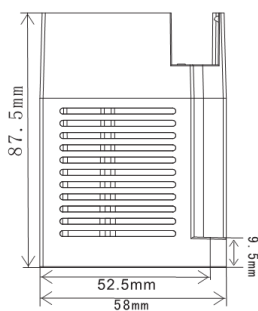
LX3V-16EY
 ① ② ③ ④ ⑤ ⑥

- ① WECON PLC;
- ④ Product type, E means expansion;
- ② Main module;
- ⑤ Expansion output(Y);
- ③ Expansion module;
- ⑥ T: transistor, R: relay;

2. Dimensions

Weight: Approx 0.3kg (0.661bs)

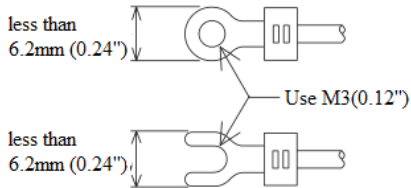
Dimensions: mm



- ① Extension cable and connector
- ③ Power LED: Light when connect to 24V
- ② State LED: Light when normal condition
- ④ Module name

- | | |
|----------------------------------|---------------------------------|
| ⑤ digital signal output terminal | ⑧ DIN rail hook |
| ⑥ Extension module interface | ⑨ Mounting holes ($\phi 4.5$) |
| ⑦ DIN rail mounting slot | |

2.1 Crimp terminations



- Please use crimp terminals as indicated on the graph.
- The tightening torque should be applied 5 to 8 Kg.cm.
- Other terminals should be empty but only wiring terminals mention in this manual.

3. Output specification

Item	Relay output	Transistor output
Mode	LX3V-16EYR	LX3V-16EYT
Output circuit		
Power supply	Less than AC250V or DC 30V	DC 5V~ 30V
Circuit insulation	Mechanical	Photo-coupling
LED	Light when relay is energized	Light when photo-coupling is energized
Load	Resistance	2A/ point 8A/ four points 8A/ eight points
	Inductance	80VA
	Lamp	100W
Leakage current	--	0.1mA/ DC 30V

Minimum load	--	DC 5V 2mA
OFF->ON	About 10ms	Less than 0.2ms
ON-> OFF	About 10ms	Less than 0.2ms

Version: V1.0.1

Date: March 2018