

3.3 AX-516PC10-0A

AX-516PC10-0A is an I/O power connector module. This section introduces its specifications, operations and wirings.

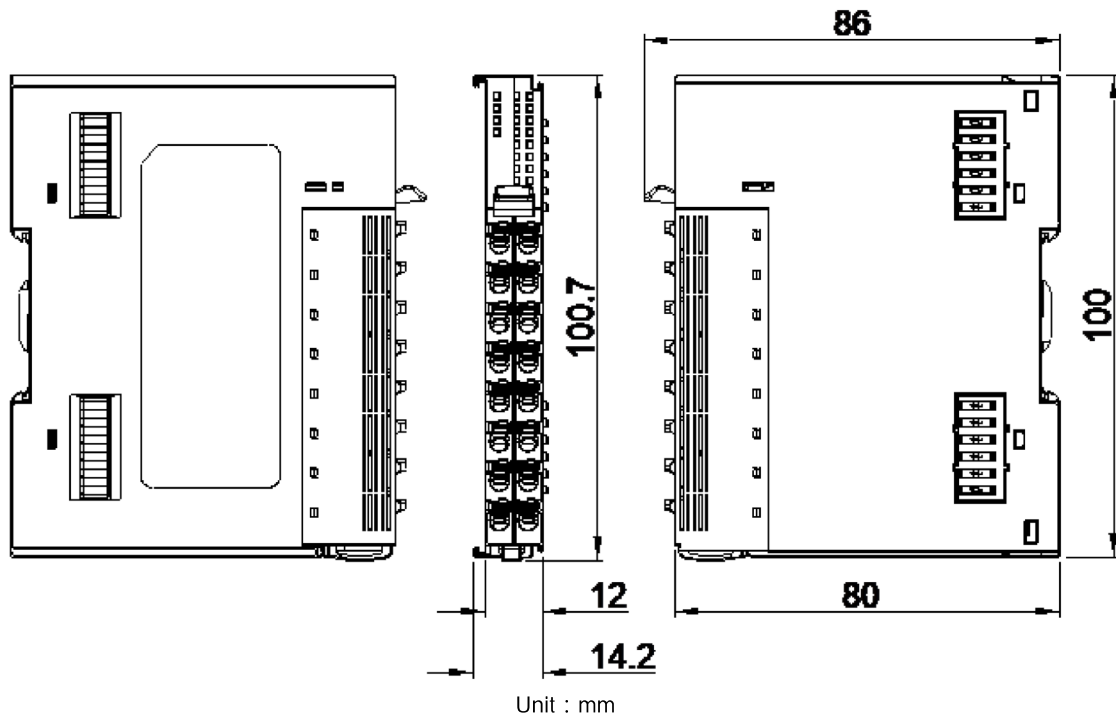
3.3.1 Specifications

Item		Specification
External connector		Spring-clamp terminal block (16 terminals)
Dimension (mm)		12 (W) × 100 (H) × 80 (D)
Weight		60 g
Electrical specification	Maximum unit power supply	N/A
	Maximum I/O power supply	N/A
	Current capacity for spring-clamp terminal block	Less than 5 A / terminal; less than 10 A / module
	Isolation method	Between I/O power and external power: no isolation Between unit power and I/O power: 500 VAC (20 mΩ min.)

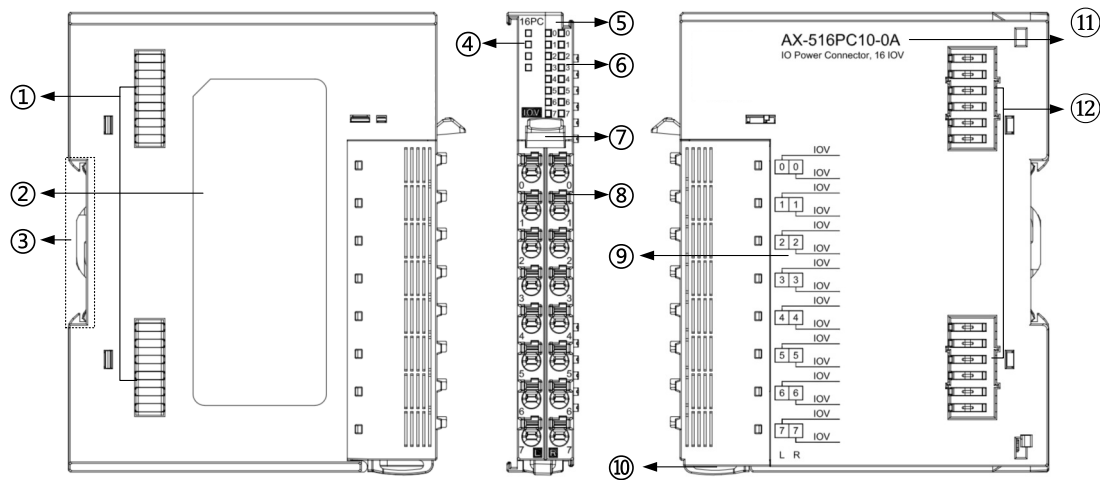
3

3.3.2 Dimensions and Parts

- Dimensions



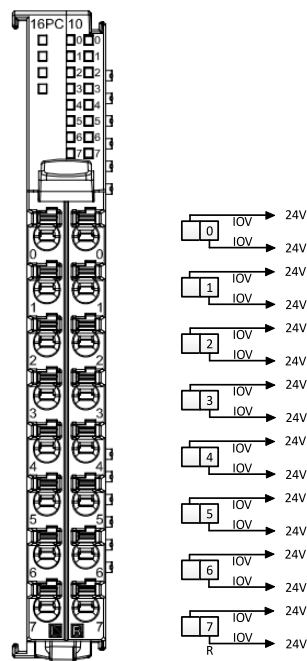
● Parts



No.	Name
1	AX connector (L)
2	Label (manufacturer information, service information, safety, serial number, firmware/hardware version)
3	DIN rail clip
4	System status indicator
5	Model code
6	Channel status indicator
7	Spring to hold the connection
8	Spring-clamp terminal block
9	Wiring
10	Wire fastener
11	Model number and model description
12	AX connector (R)

3.3.3 Arrangement of Terminals, LED Indicators and Wiring

3.3.3.1 Arrangement of Terminals



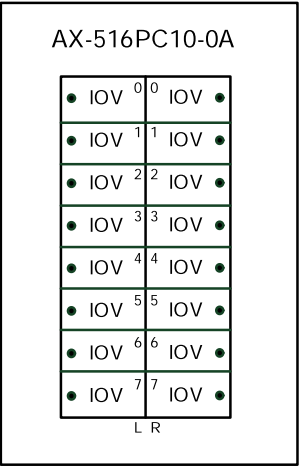
Pin No.	Symbol	Description	Pin No.	Symbol	Description
L0	IOV	I/O power output: 24 VDC	R0	IOV	I/O power output: 24 VDC
L1	IOV	I/O power output: 24 VDC	R1	IOV	I/O power output: 24 VDC
L2	IOV	I/O power output: 24 VDC	R2	IOV	I/O power output: 24 VDC
L3	IOV	I/O power output: 24 VDC	R3	IOV	I/O power output: 24 VDC
L4	IOV	I/O power output: 24 VDC	R4	IOV	I/O power output: 24 VDC
L5	IOV	I/O power output: 24 VDC	R5	IOV	I/O power output: 24 VDC
L6	IOV	I/O power output: 24 VDC	R6	IOV	I/O power output: 24 VDC
L7	IOV	I/O power output: 24 VDC	R7	IOV	I/O power output: 24 VDC

3.3.3.2 LED Indicators

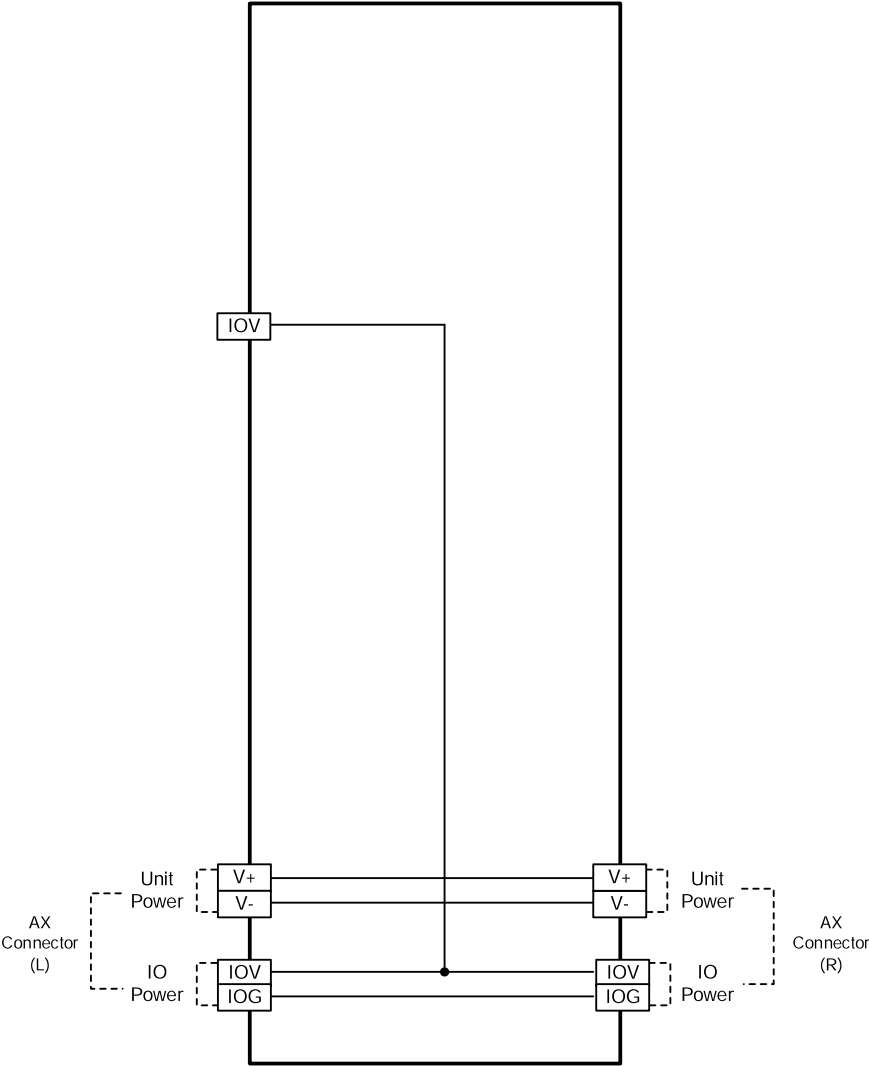
Name	Description
NA	No LED indicator

3.3.3.3 Wiring and Loop Configuration

Wiring



Loop Configuration



3.4 AX-516PC20-0A

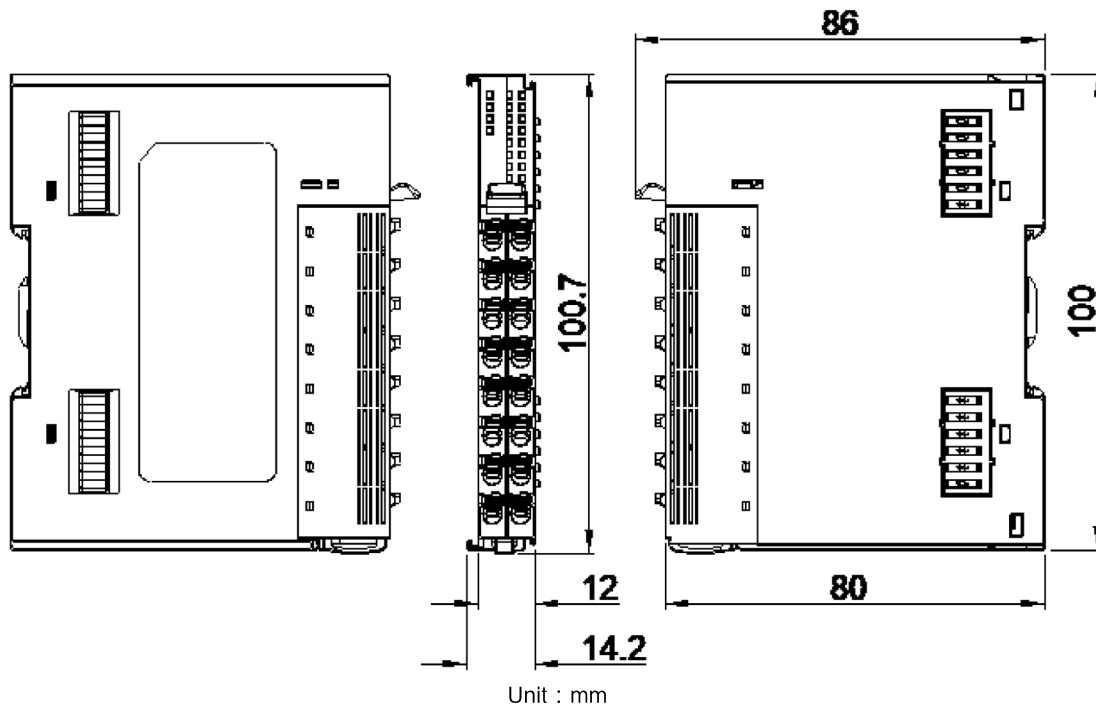
AX-516PC20-0A is an I/O power connector module. This section introduces its specifications, operations and wirings.

3.4.1 Specifications

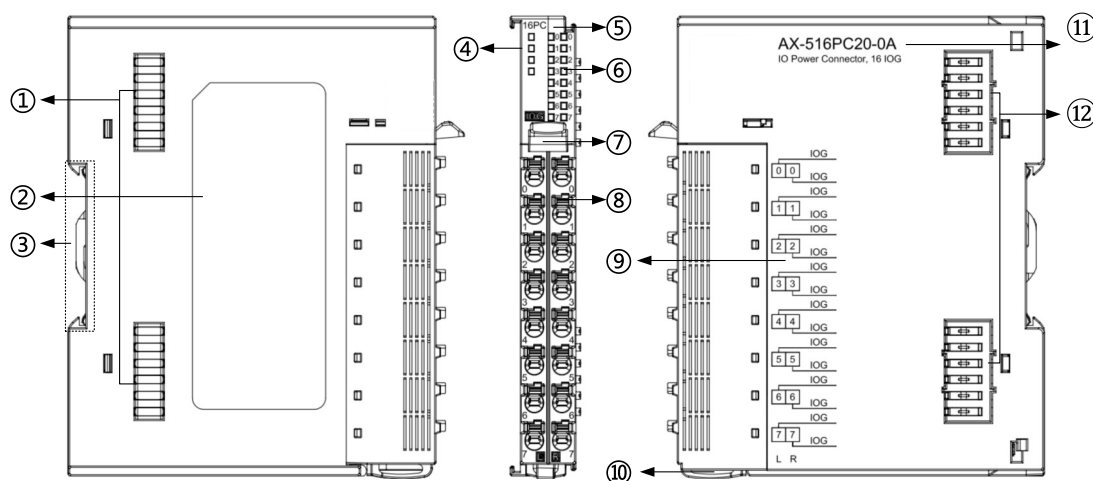
Item		Specification
External connector		Spring-clamp terminal block (16 terminals)
Dimension (mm)		12 (W) × 100 (H) × 80 (D)
Weight		60 g
Electrical specification	Maximum unit power supply	N/A
	Maximum I/O power supply	N/A
	Current capacity for spring-clamp terminal block	Less than 5 A / terminal; less than 10 A / module
	Isolation method	Between I/O power and external power: no isolation Between unit power and I/O power: 500 VAC (20 mΩ min.)

3.4.2 Dimensions and Parts

- Dimensions



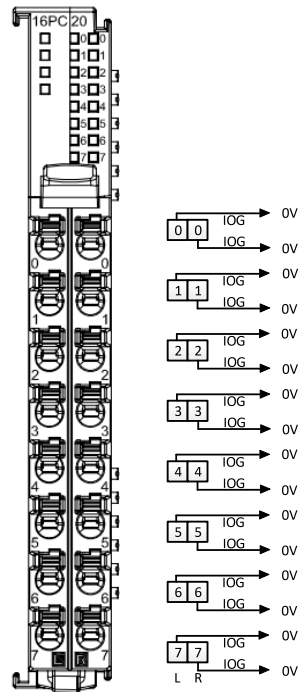
Parts



No.	Name
1	AX connector (L)
2	Label (manufacturer information, service information, safety, serial number, firmware/hardware version)
3	DIN rail clip
4	System status indicator
5	Model code
6	Channel status indicator
7	Spring to hold the connection
8	Spring-clamp terminal block
9	Wiring
10	Wire fastener
11	Model number and model description
12	AX connector (R)

3.4.3 Arrangement of Terminals, LED Indicators and Wiring

3.4.3.1 Arrangement of Terminals



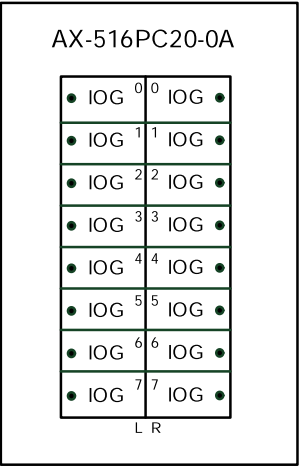
Pin No.	Symbol	Description	Pin No.	Symbol	Description
L0	IOG	I/O power output: 0 VDC	R0	IOG	I/O power output: 0 VDC
L1	IOG	I/O power output: 0 VDC	R1	IOG	I/O power output: 0 VDC
L2	IOG	I/O power output: 0 VDC	R2	IOG	I/O power output: 0 VDC
L3	IOG	I/O power output: 0 VDC	R3	IOG	I/O power output: 0 VDC
L4	IOG	I/O power output: 0 VDC	R4	IOG	I/O power output: 0 VDC
L5	IOG	I/O power output: 0 VDC	R5	IOG	I/O power output: 0 VDC
L6	IOG	I/O power output: 0 VDC	R6	IOG	I/O power output: 0 VDC
L7	IOG	I/O power output: 0 VDC	R7	IOG	I/O power output: 0 VDC

3.4.3.2 LED Indicators

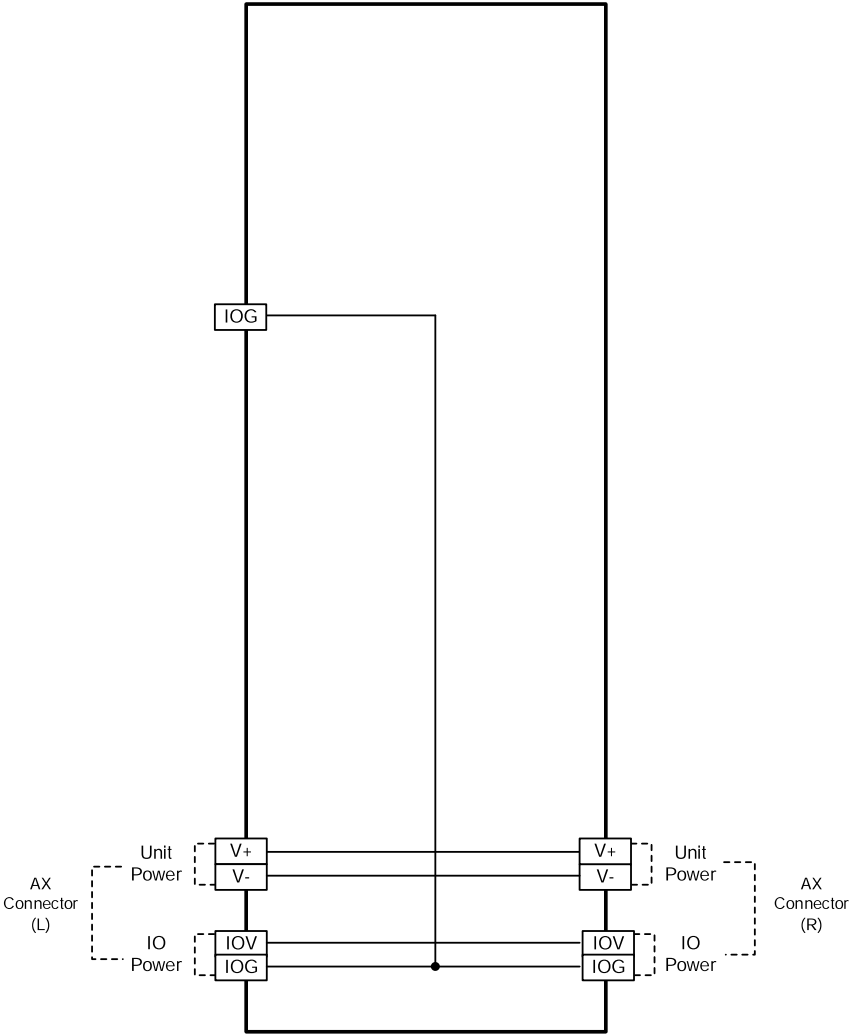
Name	Description
NA	No LED indicator

3.4.3.3 Wiring and Loop Configuration

Wiring



Loop Configuration



3.5 AX-516PC30-0A

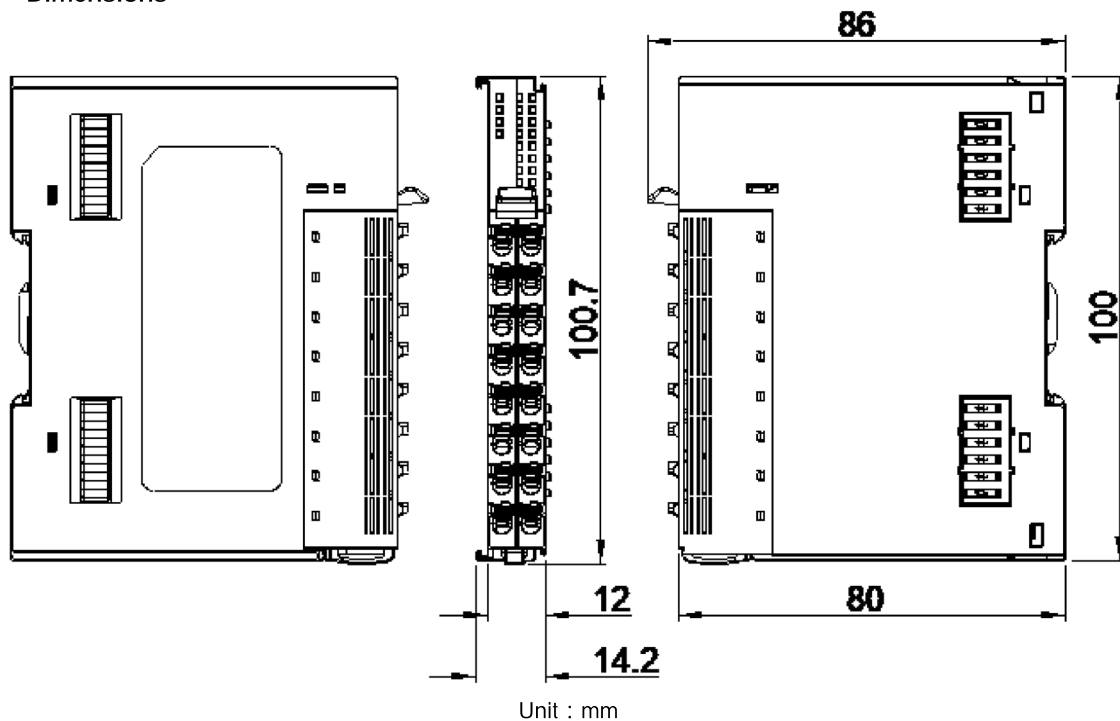
AX-516PC30-0A is an I/O power connector module. This section introduces its specifications, operations and wirings.

3.5.1 Specifications

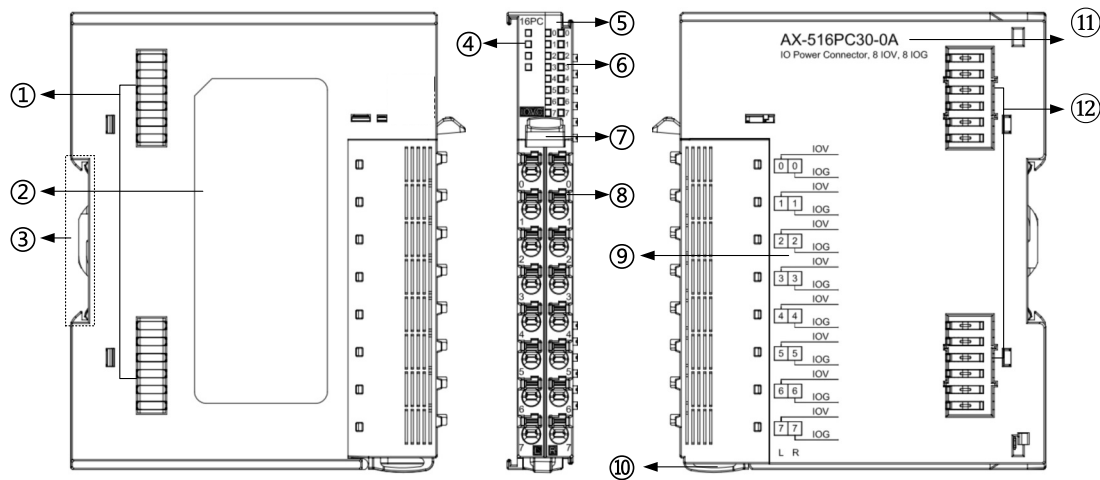
Item		Specification
External connector		Spring-clamp terminal block (16 terminals)
Dimension (mm)		12 (W) × 100 (H) × 80 (D)
Weight		60 g
Electrical specification	Maximum unit power supply	N/A
	Maximum I/O power supply	N/A
	Current capacity for spring-clamp terminal block	Less than 5 A / terminal; less than 10 A / module
	Isolation method	Between I/O power and external power: no isolation Between unit power and I/O power: 500 VAC (20 mΩ min.)

3.5.2 Dimensions and Parts

- Dimensions



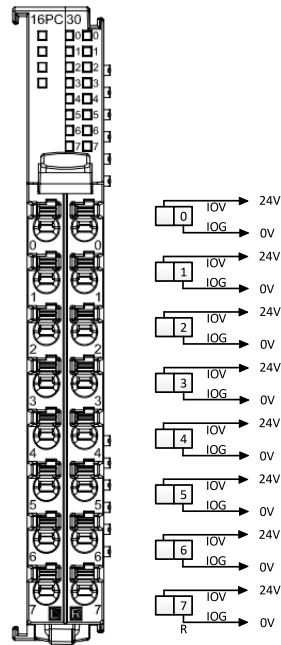
● Parts



No.	Name
1	AX connector (L)
2	Label (manufacturer information, service information, safety, serial number, firmware/hardware version)
3	DIN rail clip
4	System status indicator
5	Model code
6	Channel status indicator
7	Spring to hold the connection
8	Spring-clamp terminal block
9	Wiring
10	Wire fastener
11	Model number and model description
12	AX connector (R)

3.5.3 Arrangement of Terminals, LED Indicators and Wiring

3.5.3.1 Arrangement of Terminals



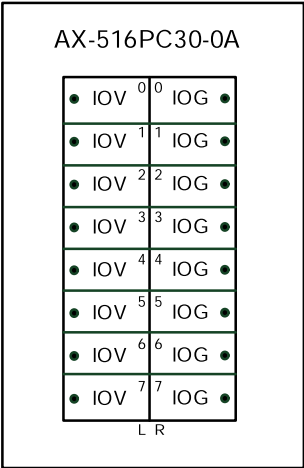
Pin No.	Symbol	Description	Pin No.	Symbol	Description
L0	IOV	I/O power output: 24 VDC	R0	IOG	I/O power output: 0 VDC
L1	IOV	I/O power output: 24 VDC	R1	IOG	I/O power output: 0 VDC
L2	IOV	I/O power output: 24 VDC	R2	IOG	I/O power output: 0 VDC
L3	IOV	I/O power output: 24 VDC	R3	IOG	I/O power output: 0 VDC
L4	IOV	I/O power output: 24 VDC	R4	IOG	I/O power output: 0 VDC
L5	IOV	I/O power output: 24 VDC	R5	IOG	I/O power output: 0 VDC
L6	IOV	I/O power output: 24 VDC	R6	IOG	I/O power output: 0 VDC
L7	IOV	I/O power output: 24 VDC	R7	IOG	I/O power output: 0 VDC

3.5.3.2 LED Indicators

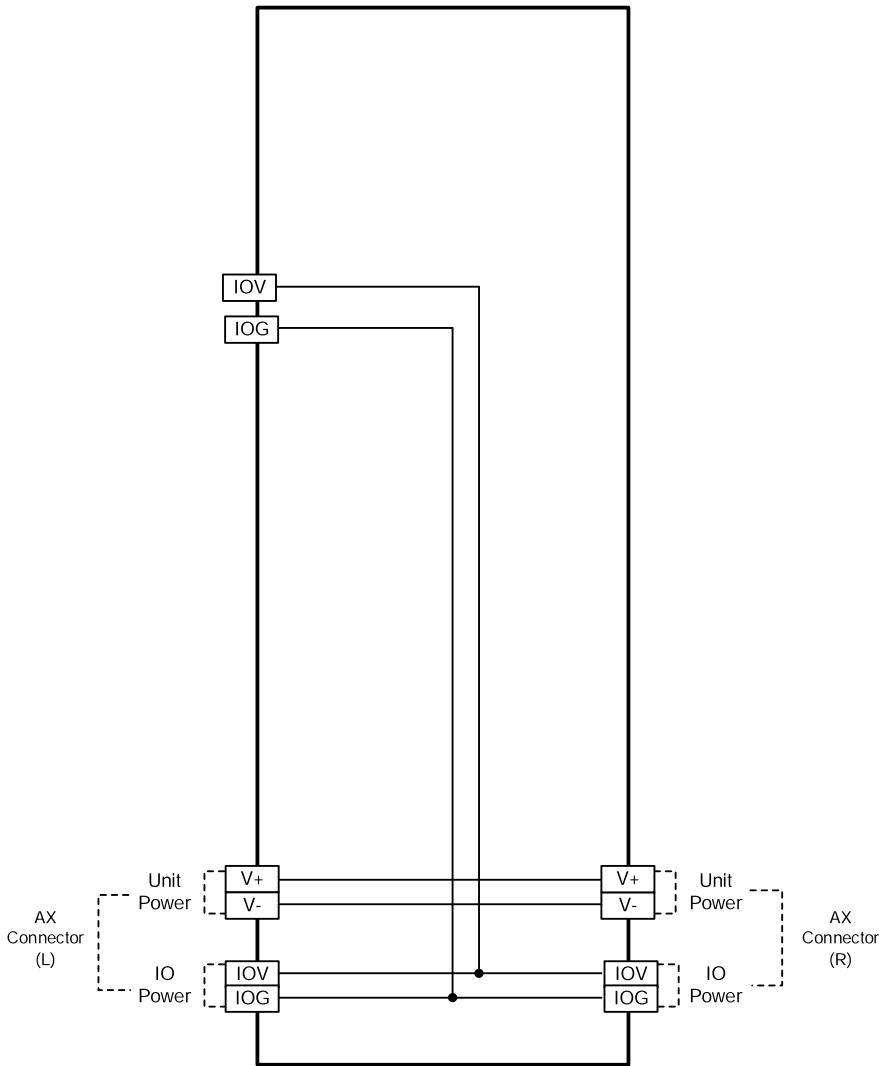
Name	Description
NA	No LED indicator

3.5.3.3 Wiring and Loop Configuration

Wiring



Loop Configuration



3.6 AX-514PC40-0A

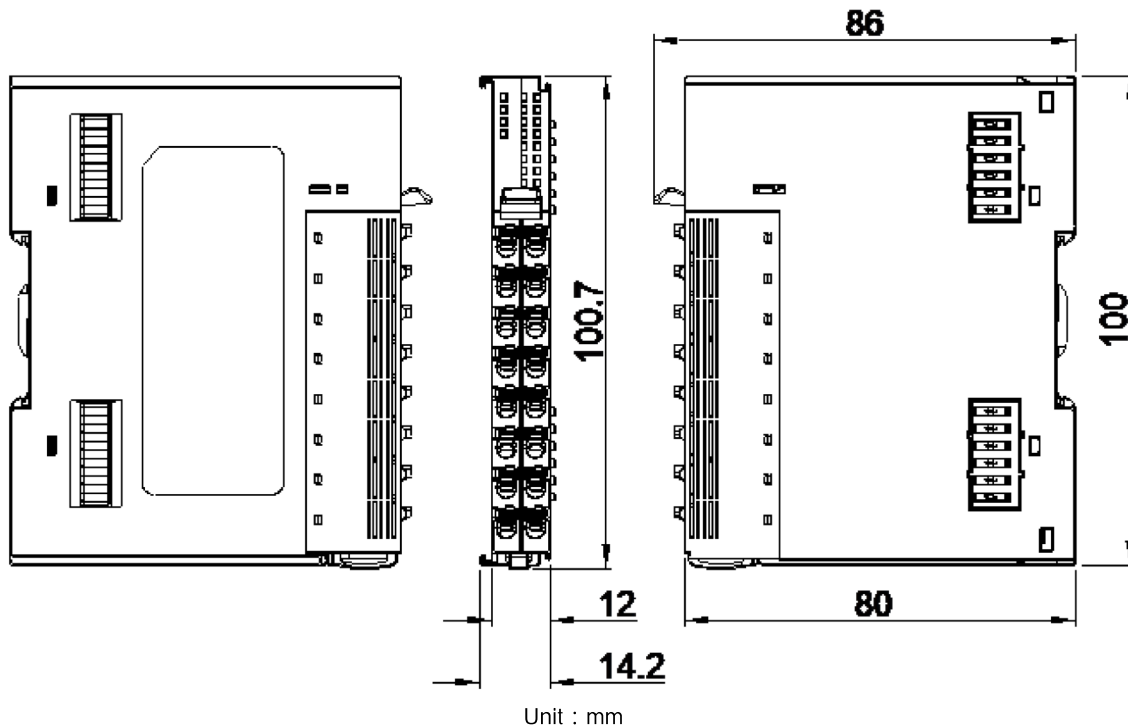
AX-514PC40-0A is an I/O power connector module. This section introduces its specifications, operations and wirings.

3.6.1 Specifications

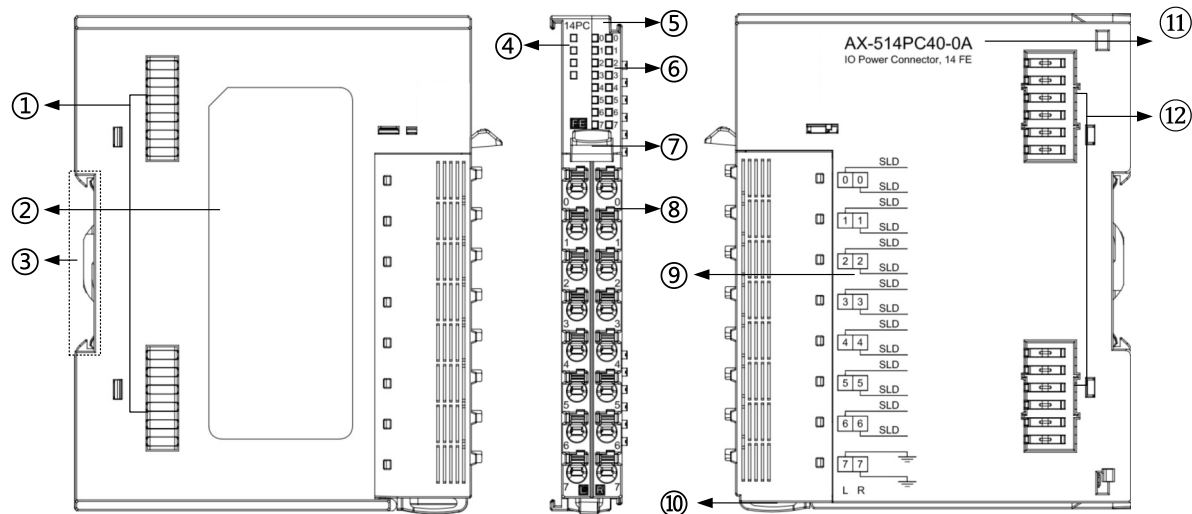
Item		Specification
External connector		Spring-clamp terminal block (16 terminals)
Dimension (mm)		12 (W) × 100 (H) × 80 (D)
Weight		60 g
Electrical specification	Maximum unit power supply	N/A
	Maximum I/O power supply	N/A
	Current capacity for spring-clamp terminal block	Less than 5 A / terminal; less than 10 A / module
	Isolation method	Between I/O power and external power: no isolation Between unit power and I/O power: 500 VAC (20 mΩ min.)

3.6.2 Dimensions and Parts

- Dimensions



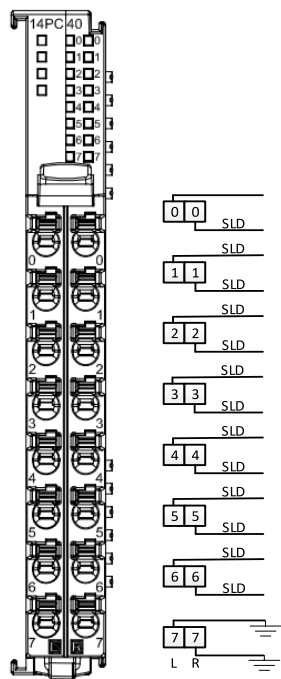
● Parts



No.	Name
1	AX connector (L)
2	Label (manufacturer information, service information, safety, serial number, firmware/hardware version)
3	DIN rail clip
4	System status indicator
5	Model code
6	Channel status indicator
7	Spring to hold the connection
8	Spring-clamp terminal block
9	Wiring
10	Wire fastener
11	Model number and model description
12	AX connector (R)

3.6.3 Arrangement of Terminals, LED Indicators and Wiring

3.6.3.1 Arrangement of Terminals



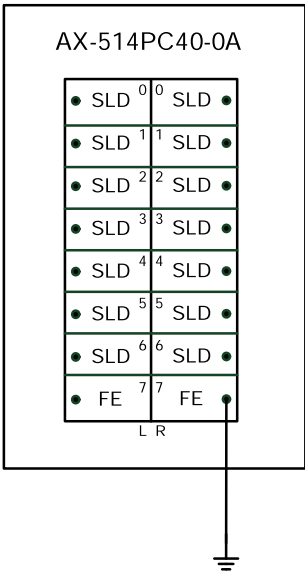
Pin No.	Symbol	Description	Pin No.	Symbol	Description
L0	SLD	For shielding	R0	SLD	For shielding
L1	SLD	For shielding	R1	SLD	For shielding
L2	SLD	For shielding	R2	SLD	For shielding
L3	SLD	For shielding	R3	SLD	For shielding
L4	SLD	For shielding	R4	SLD	For shielding
L5	SLD	For shielding	R5	SLD	For shielding
L6	SLD	For shielding	R6	SLD	For shielding
L7	⏏	Grounding	R7	⏏	Grounding

3.6.3.2 LED Indicators

Name	Description
NA	No LED indicator

3.6.3.3 Wiring and Loop Configuration

Wiring



Loop Configuration

