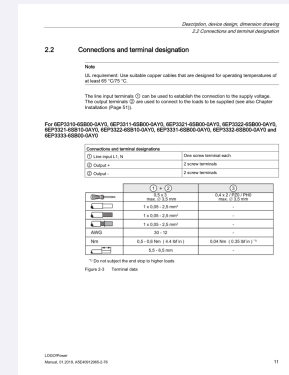


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

Siemens 6EP3331-6SB00-0AY0

LOGO!POWER stabilized DC power supply



PRODUCT	6EP3331-6SB00-0AY0
FAMILY	LOGO!POWER
FUNCTION	LOGO!POWER stabilized DC power supply
STATUS	Verify exact configuration

Prepared by Amikon Limited from Siemens LOGO!Power manual A5E40912965-2-76, 01/2019. This guide does not replace the complete manufacturer manual, site procedure, hazardous-area drawing, or approval document.

01 CONFIRM THE ORDERED CONFIGURATION

Nominal input voltage	100 to 240 V AC
Permissible AC input	85 to 264 V AC
Permissible DC input	110 to 300 V DC
Input frequency	47 to 63 Hz
Rated DC output	24 V DC
Rated output current	1.3 A
Rated output power	31.2 W

02 MOUNTING AND CONNECTION

- Isolate all input supplies and verify the exact article number before wiring.
- Use the documented DIN-rail or wall mounting method; retain the required ventilation clearances.
- Connect the AC line and neutral to the identified L1 and N terminals. For DC input, connect positive to L1 and negative to N.
- Connect the load to the marked positive and negative output terminals, using the specified conductor range.
- If adjusting the output above 24 V, reduce the load current so that rated active power is not exceeded.

OFFICIAL INSTALLATION REFERENCE

Description, device design, dimension drawing

2.2 Connections and terminal designation

2.2 Connections and terminal designation

Note

UL requirement: Use suitable copper cables that are designed for operating temperatures of at least 65 °C/75 °C.

The line input terminals ① can be used to establish the connection to the supply voltage. The output terminals ② are used to connect to the loads to be supplied (see also Chapter Installation (Page 51)).

For 6EP3310-6SB00-0AY0, 6EP3311-6SB00-0AY0, 6EP3321-6SB00-0AY0, 6EP3322-6SB00-0AY0, 6EP3321-6SB10-0AY0, 6EP3322-6SB10-0AY0, 6EP3331-6SB00-0AY0, 6EP3332-6SB00-0AY0 and 6EP3333-6SB00-0AY0

Connections and terminal designations	
① Line input L1, N	One screw terminal each
② Output +	2 screw terminals
② Output -	2 screw terminals

	① + ②	③
	0,5 x 3 max. ∅ 3,5 mm	0,4 x 2 / PZ0 / PH0 max. ∅ 3,5 mm
	1 x 0,05 - 2,5 mm ²	-
	1 x 0,05 - 2,5 mm ²	-
	1 x 0,05 - 2,5 mm ²	-
AWG	30 - 12	-
Nm	0,5 - 0,6 Nm (4,4 lbf in)	0,04 Nm (0,35 lbf in) ^{*)}
	5,5 - 6,5 mm	-

^{*)} Do not subject the end stop to higher loads

Figure 2-3 Terminal data

Official manufacturer reference reproduced from Siemens LOGO!Power manual A5E40912965-2-76, 01/2019. Use the current source document and all referenced drawings and notes for installation.

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CABLE ROUTING AND CONNECTION

- Use the documented DIN-rail or wall mounting method; retain the required ventilation clearances.
- Connect the AC line and neutral to the identified L1 and N terminals. For DC input, connect positive to L1 and negative to N.
- Connect the load to the marked positive and negative output terminals, using the specified conductor range.
- If adjusting the output above 24 V, reduce the load current so that rated active power is not exceeded.
- Check the output voltage under load, LED indication and thermal conditions before putting the circuit into service.

05

INITIAL SYSTEM CHECKS

- Confirm model identity and compatible system components before energizing.
- Verify wiring, grounding, enclosure, and applicable hazardous-area requirements.
- Check the loaded output voltage, LED indication and thermal conditions.
- Record the installed order number and baseline operating condition.

06

CONTROLLED DOCUMENTS

Official source	Siemens LOGO!Power manual A5E40912965-2-76, 01/2019
Product record	6EP3331-6SB00-0AY0
Manufacturer	Siemens
Support	INFO@AMIKON.CN