

PSCC-60048(A)

PSCC-60048-ALT2

PSCC-60048(A) Substitute

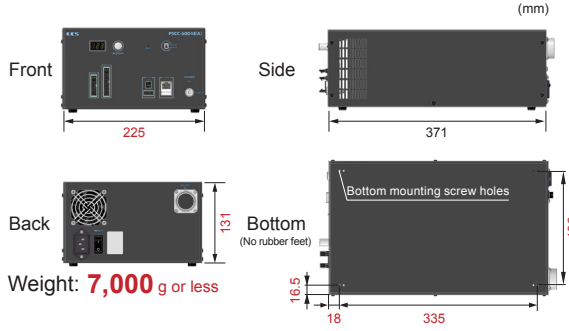
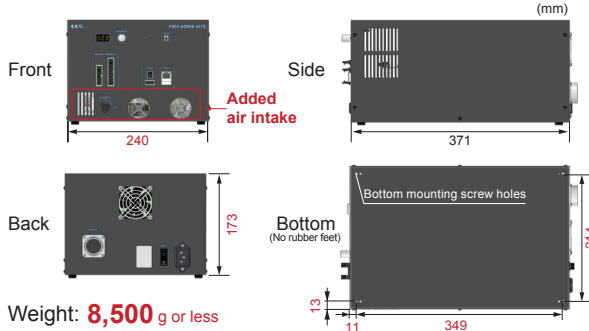


Main common specifications

- Applicable Light Unit (rated): 43 VDC or less and 602 W max. (50 W max. of which is for the fan)
- External control: Parallel communications, EIA-485 communications or Ethernet communications.

Differences in main specifications

* The red part is the difference between PSCC-60048(A) and PSCC-60048-ALT2.

AC 100 to 240 V (+10% -15%), 50/60 Hz	Input power supply	AC 100 to 240 V (+10% -10%), 50/60 Hz
55 A (at 100 VAC), 70 A (at 240 VAC) from a cold start	Inrush current (typ.)	49 A (at 100 VAC), 105 A (at 240 VAC) from a cold start
750 VA	Power consumption (typ.)	770 VA
10 sec or more	Standby time when power supply is turned on again	40 sec or more
CE, UKCA, RoHS, REACH	Conformed standards	CE, UKCA, RoHS, REACH
W 225 × D 371 × H 131 mm	Dimensions	W 240 × D 371 × H 173 mm
 <p>Weight: 7,000 g or less</p>	<p>Intake port position</p> <p>Bottom mounting screw holes</p>	 <p>Weight: 8,500 g or less</p>

PSCC-60048(A) Specifications

* The red part is the difference between PSCC-60048 (A) and PSCC-60048-ALT2.

Model name	PSCC-60048(A)	
Lighting method	Continuous lighting	
Drive method	Constant-current system	
Intensity control method	Variable-current control	
Number of channels	1 channel	
Applicable Light Unit (rated)	43 VDC or less and 602 W max. (50 W max. of which is for the fan)	
Intensity control	Manual	Front manual/external switch (MODE)
	External	Parallel communication*1 EIA-485 communication Ethernet communication External control mode can be selected by pushing the setting switch while turning ON the power.
ON/OFF control	Parallel bit input	OFF signal (ON/OFF)
	EIA-485 communication	Command input via EIA-485 communication
	Ethernet communication	Command input via TCP/IP or UDP/IP communication
	ON/OFF logic can be selected by pushing the setting switch while turning ON the power. 25H or 99H: Normal logic (default) 25L or 99L: Reversed logic	
EIA-485 communication	ID	Set via the front ID switch (00 to 03). Maximum of 4 connected units.
Error detection display	Terminating resistance	Set via the front ID switch (terminating resistance is ON only when the ID is 00).
	Burnt-out LED detection (open circuit)	"E01" is displayed on the front-panel digital display.
	Burnt-out LED detection (short circuit)	"E02" is displayed on the front-panel digital display.
	Light Unit communication error detection	"E04" is displayed on the front-panel digital display.
	Connector disconnection detection	"E04" is displayed on the front-panel digital display.
	Internal Control Unit error detection	"E05" is displayed on the front-panel digital display.
Error detection output	Parallel communication	Output at pins 19 and 20: Photocoupler insulation, open collector output, short circuit at alert (load current of 10 mA or less)
	EIA-485 communication	Checked by using a status command through EIA-485 communication
	Ethernet communication	Checked by using a status command through TCP/IP or UDP/IP communication
	Light Unit fan speed decrease/stop detection	
Input power supply	100 to 240 VAC (+10% -15%), 50/60 Hz	
Power consumption (typ.)	750 VA	
Inrush current (typ.)	55 A (at 100 VAC), 70 A (at 240 VAC) from a cold start	
Operating temperature and humidity	Temperature: 0 to 40°C, Humidity: 20% to 85%RH (with no condensation)	
Storage temperature and humidity	Temperature: -20 to 60°C, Humidity: 20% to 85%RH (with no condensation)	
Cooling method	Forced air cooling	
Conformed standards	CE, UKCA, RoHS, REACH	
Material, coating, surface processing	Steel plate, Thickness of cover: 1.0, Thickness of chassis: 2.0, N3 leather tone finish	
Weight	7,000 g max.	
Accessories	3-prong AC cord with ground terminal (2 m) x 1, Instruction Guide x 1, key x 2	

*1 Parallel communications: Adjustment to 256 levels only

PSCC-60048-ALT2 Specifications

* The red part is the difference between PSCC-60048 (A) and PSCC-60048-ALT2.

Model name	PSCC-60048-ALT2	
Lighting method	←	
Drive method	←	
Intensity control method	←	
Number of channels	←	
Applicable Light Unit (rated)	←	
Intensity control	Manual	←
	External	Parallel communication*1 EIA-485 communication Ethernet communication
ON/OFF control	Parallel bit input	←
	EIA-485 communication	←
	Ethernet communication	←
	←	
EIA-485 communication settings	ID	←
Error detection display	Terminating resistance	←
	Burnt-out LED detection (open circuit)	←
	Burnt-out LED detection (short circuit)	←
	Light Unit communication error detection	←
	Connector disconnection detection	←
	Internal Control Unit error detection	←
Error detection output	Parallel communication	←
	EIA-485 communication	←
	Ethernet communication	←
	←	
Input power supply	100 to 240 VAC (+10% -10%), 50/60 Hz	
Power consumption (typ.)	770 VA	
Inrush current (typ.)	49 A (at 100 VAC), 105 A (at 240 VAC) from a cold start	
Operating temperature and humidity	←	
Storage temperature and humidity	←	
Cooling method	←	
Conformed standards	CE, UKCA, RoHS, REACH	
Material, coating, surface processing	Steel plate, Thickness of cover: 1.0, Thickness of chassis: 1.6, N3 leather tone finish	
Weight	8,500 g max.	
Accessories	3-prong AC cord with ground terminal (2 m) x 1, Instruction Guide x 1, key x 1	

*1 Parallel communications: Adjustment to 256 levels only

Analog Control Units (Constant-current) PSCC-60048(A) / PSCC-60048-ALT2 Comparison

PSCC-60048(A)

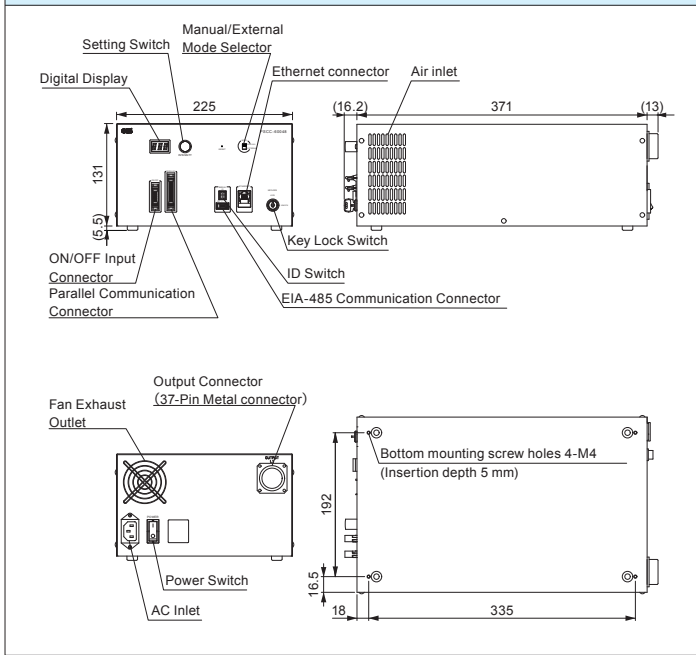


PSCC-60048-ALT2



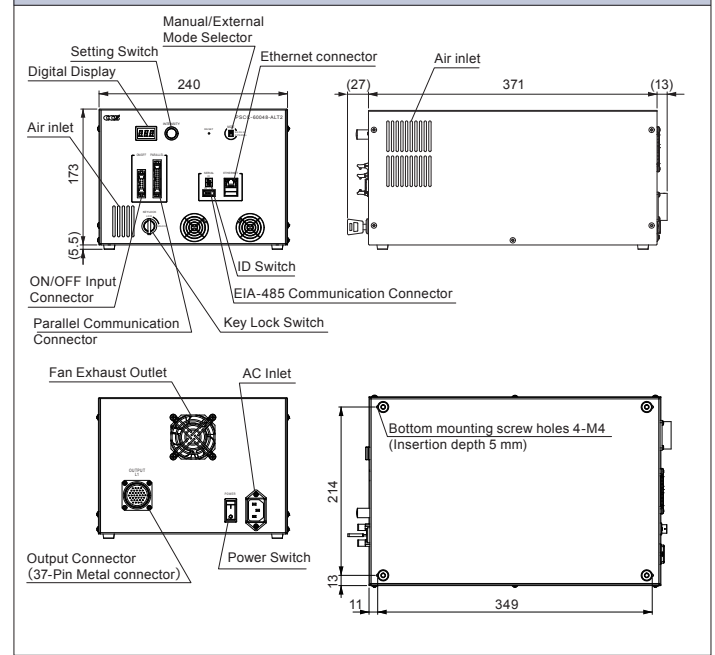
■ Dimensions (mm)

PSCC-60048(A)

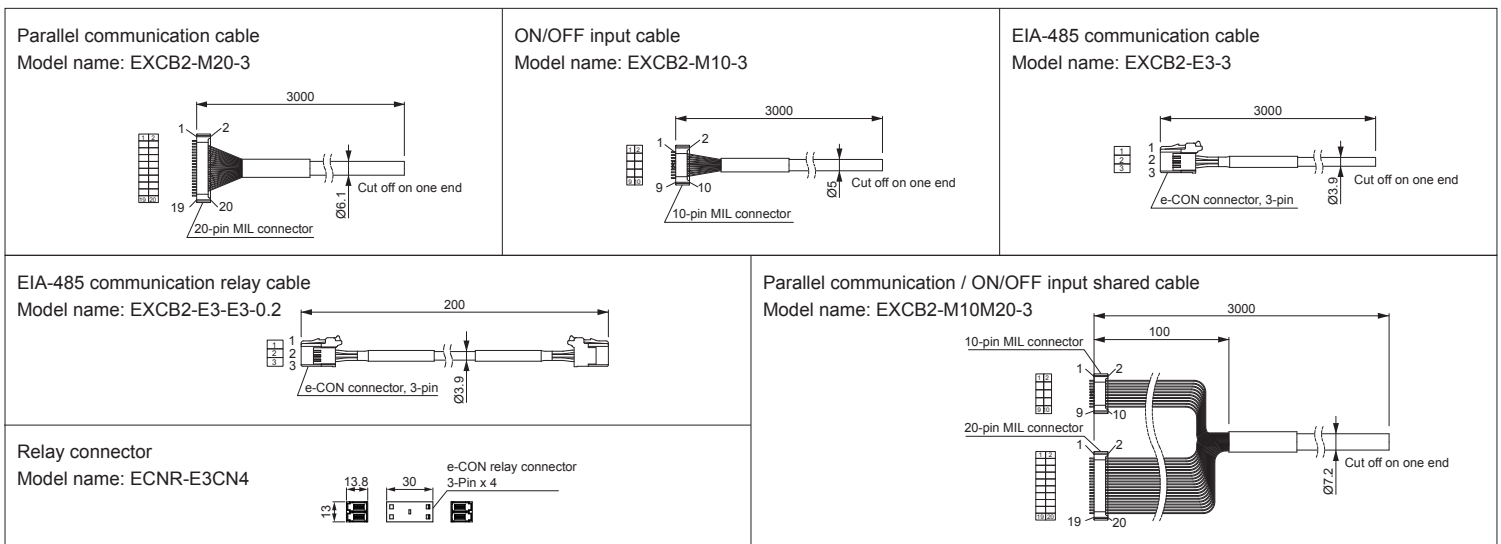


■ Dimensions (mm)

PSCC-60048-ALT2



■ External control cables (Common option)



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Caution

• Please read the instruction guide before product use to ensure correct and safe use. • Specifications and designs for product improvement may change without advance notice.



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