

PGU310A, C

Power Gate Units

The PGU310A,C are phase-controlled power regulators, driven by a 4 to 20mA control signal.

The PGU310A basic model linearly controls the firing angle. The PGU310C constant current model proportionally controls output current to a control signal input.



Specifications

Model	Basic power gate unit	Constant current power gate
Model No.	PGU310A□□□□0000	PGU310C□□□□0000
Rated current	15A, 30A, 60A, 100A, 150A	
Rated voltage	100, 110/200, 220Vac	
Overcurrent alarm	Not available	Available
Control input signal	4 to 20mA	
Rated frequency	50 ± 1Hz, 60 ± 1Hz	
Adjustment range	0 to 98% or higher of input voltage	0 to 100 ± 3% of rated current
Setting	Gradient	Available by potentiometer
	Lower limit output	Available by potentiometer
	Manual	Available by manual setting device (QN740A101)
	Soft-up	Available by potentiometer
Ambient temperature	0 to 60°C	
Ambient humidity	10 to 90%RH (no condensation allowed)	

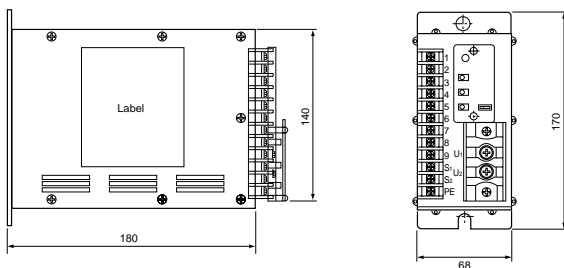
Selection Guide

Model No.	Specification	Rated Current	Weight
PGU310A0150000	Basic Model - 100/110, 200/220Vac	15A	1.5kg
PGU310A0300000	Basic Model - 100/110, 200/220Vac	30A	1.5kg
PGU310A0600000	Basic Model - 100/110, 200/220Vac	60A	3.8kg
PGU310A1000000	Basic Model - 100/110, 200/220Vac	100A	3.8kg
PGU310A1500000	Basic Model - 100/110, 200/220Vac	150A	6.5kg
PGU310C0150000	Constant current model - 100/110, 200/220Vac	15A	1.8kg
PGU310C0300000	Constant current model - 100/110, 200/220Vac	30A	1.8kg
PGU310C0600000	Constant current model - 100/110, 200/220Vac	60A	4.3kg
PGU310C1000000	Constant current model - 100/110, 200/220Vac	100A	4.3kg
PGU310C1500000	Constant current model - 100/110, 200/220Vac	150A	7.0kg

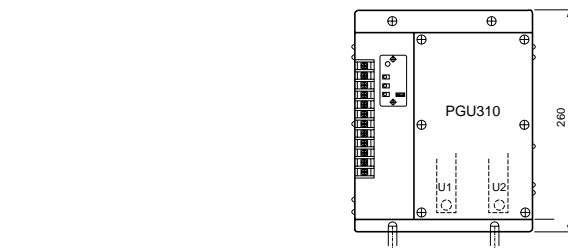
Dimensions

(unit:mm)

• 15A type



• 150A type



• 60/100A type

