

PGU410

Power Gate Unit



The PGU410 Power Gate Unit (thyristor-type power regulator) is a phase-controlled power regulator controlled by a 4 to 20mA control signal or a manual setting device (QN740A101).

Specifications

Model	Basic type	High-speed type	Constant current type
Basic model No.	PGU410A	PGU410H	PGU410C
Rated current	15A, 30A		
Rated voltage	100 / 110Vac or 200 / 220Vac (selectable by tap)		
Feedback	-	-	Constant current characteristics output
Control input signal	4 to 20mAdc		
Input impedance	240Ω ± 5% 1/2W		
Rated frequency	50 ± 1Hz or 60Hz ± 1Hz		
Output adjustment range	0 to 98% or higher of input voltage		0 to 100 ± 3% of rated current
Setting	Gradient	Use the potentiometer (on front panel) or QN740A105 gradient setting device	
	Lower limit output	Use the potentiometer (on front panel)	
	Manual	Use the QN740A101 manual setting device	
	Soft-up	Use the soft-up setting potentiometer (on front panel)	
Ambient temperature	-10 to +55°C		
Ambient humidity	10 to 90% RH (no condensation allowed)		

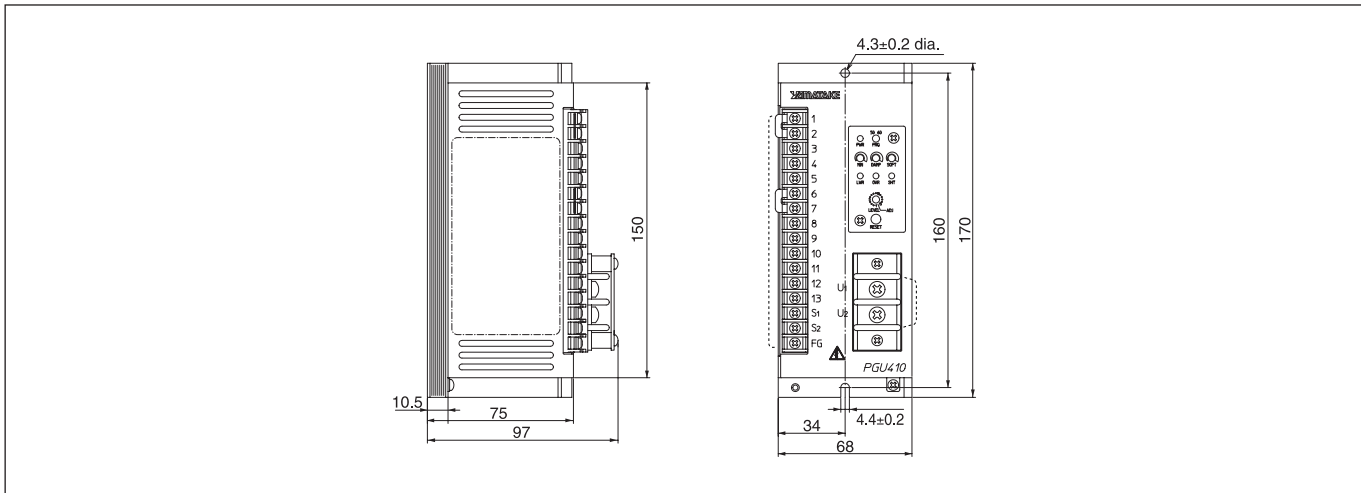
Selection Guide I II III IV Example: PGU410A0150000

Segment	Model No. selection	Description
I	Basic No.	
	PGU410A	Single-phase, basic type
	PGU410H	Single-phase, high-speed type
II	Rated current	
	015	Main circuit rated current 15A
III	Rated voltage	
	0	100 / 110Vac or 200 / 220Vac (selectable by tap)
IV	Options	
	000	None
	100	With over-current, heater line break and element short-circuit break detection functions

Accessories (sold separately)

Model No.	Description
QN740A101	Manual setting device
QN740A105	Gradient setting device

Dimensions (Unit: mm)



ACTUATORS