

PGM

Solid State Relay



The PGM is a zero-cross type for AC applications, which incorporates photocoupler insulation. It is used to control heating, in conjunction with voltage output type controllers.

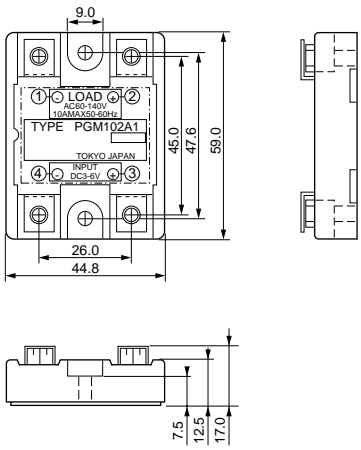
Specifications

Frequency	47 to 63Hz
Input signal voltage	3 to 6Vdc
Input impedance	260Ω ± 5%
Pick-up voltage	3.0Vdc max.
Drop-out voltage	1.0Vdc max.
Contact voltage drop	1.6V max.
Response speed	1/2 cycle plus 1msec, or less
Ambient temperature	-20 to +80°C
Weight	Approx. 75g
Accessories	4 M4 terminal screws (for mounting)
Auxiliary parts	Cooling plate: Part No. PGHS10, PGHS15 Heat conductance: Part No. 81446461-001
Safety standard	Conforms to UL, CSA, TÜV

Selection Guide

Type	Rating	Rated voltage	Power supply voltage	Max. load current	1 Cycle surge current (peak value)	Min. operation current	Max. leak current during opening
PGM102A1	240Vac	60 to 280Vac		10A	100A	100mA	4mA
PGM152A1				15A	150A		
PGM202A1				20A	200A	120mA	12mA
PGM302A1				30A	300A		
PGM402A1				40A	400A		

Dimensions (unit:mm)



ACTUATORS