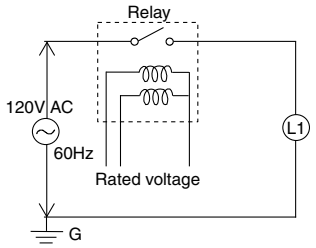
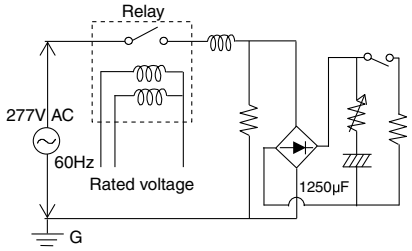
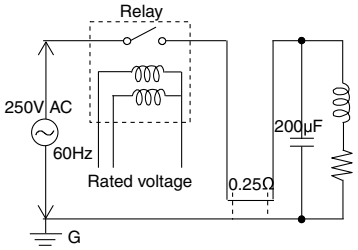
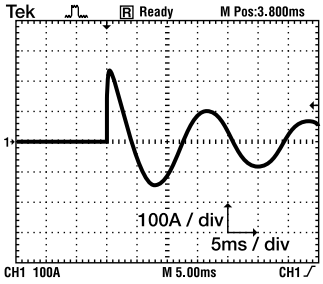
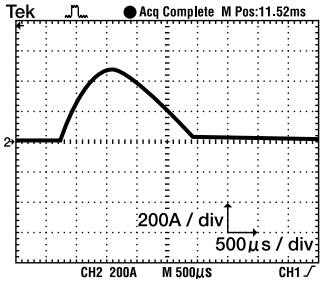
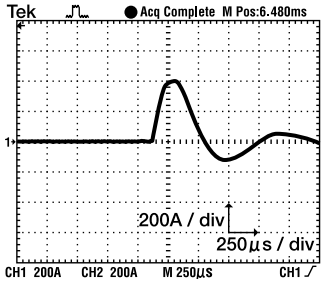
4. Inrush load (Electrical life diagram)

Load	Tungsten	Electronic ballast	Capacitive (IEC 60669-1)
Switching capacity	2,400W 120V AC	20A 277V AC	20A 250V AC 200µF
Load voltage	120V AC (60Hz)	277V AC (60Hz)	250V AC (60Hz)
Load current	Inrush 250A$_{O-P}$ Steady-state 20Arms	Inrush 480A$_{O-P}$ Steady-state 16Arms	Inrush 400A$_{O-P}$ Steady-state 20Arms
Circuit			
Current waveform			

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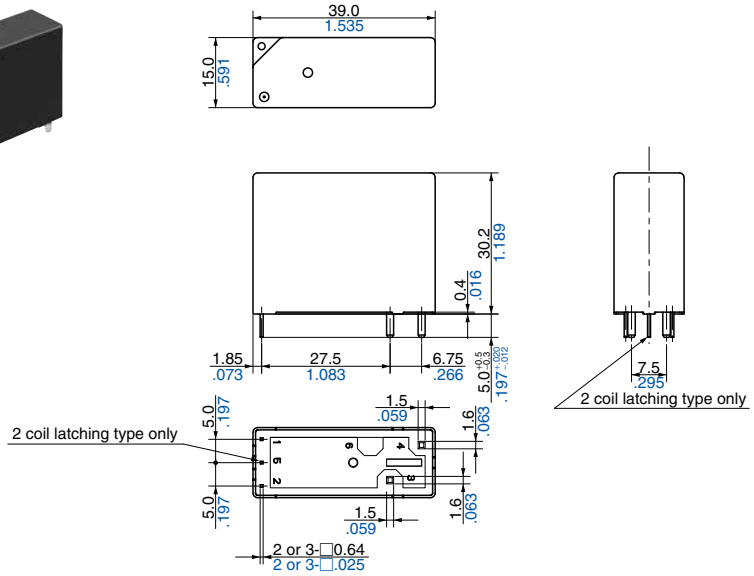
DIMENSIONS (mm inch)

The CAD data of the products with a CAD mark can be downloaded from: http://industrial.panasonic.com/ac/e/

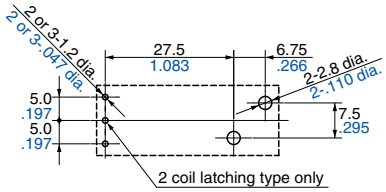
1. Standard type (Without manual switch)

CAD

External dimensions

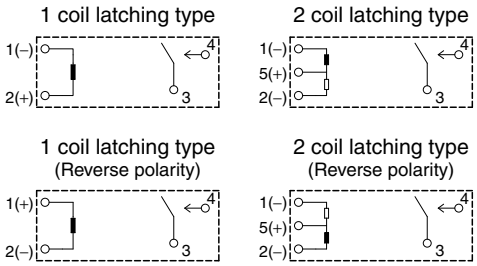


PC board pattern (Bottom view)



Tolerance: ±0.1 ±.004

Schematic (Bottom view)

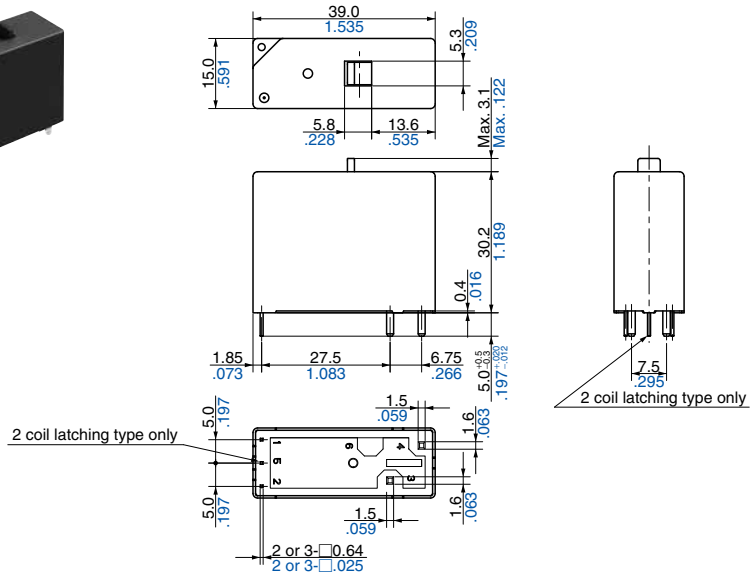


General tolerance: ±0.3 ±.012

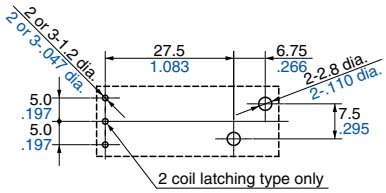
2. Manual switch type

CAD

External dimensions

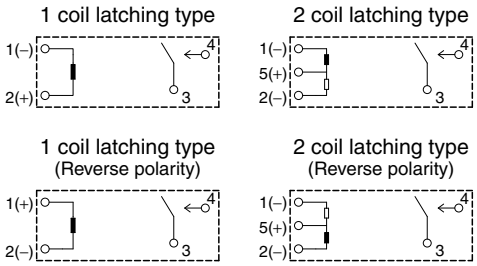


PC board pattern (Bottom view)



Tolerance: ±0.1 ±.004

Schematic (Bottom view)



General tolerance: ±0.3 ±.012

SAFETY STANDARDS

UL/C-UL (Recognized)				VDE			
File No.	Contact rating	Cycles	Temperature	File No.	Contact rating	Cycles	Temperature
E43149	50A 277V AC Resistive	10^4	85°C 185°F	40045659	50A 250V AC (cosϕ=1.0)	10^4	85°C 185°F
	40A 347V AC Resistive	2×10^4	40°C 104°F				
	30A 480V AC Resistive	2×10^4	40°C 104°F				
	20A 347V AC Electronic ballast (1 coil latching type only)	6×10^3	–		25A 250V AC (cosϕ=1.0)	9×10^4	40°C 104°F
	20A 277V AC Electronic ballast	6×10^3	85°C 185°F				
	20A 277V AC Standard ballast	3×10^4	85°C 185°F		20A 250V AC Capacitor 200μF (IEC60669-1 compliant)	5×10^3	40°C 104°F
	15A 347V AC Standard ballast	3×10^4	85°C 185°F				
	5,540W 277V AC Tungsten	2.5×10^4	40°C 104°F				

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