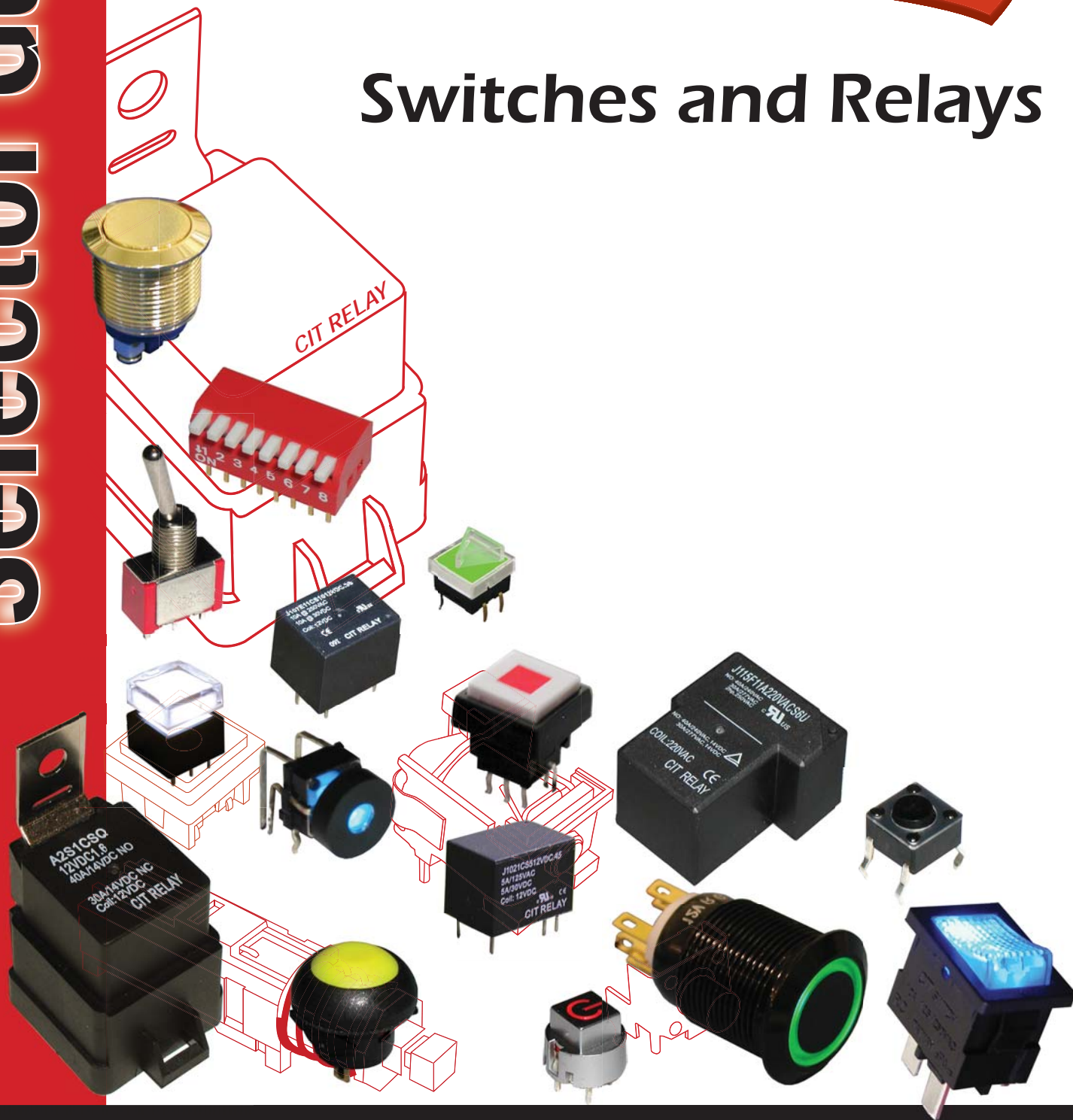


# Selector Guide

# CIT RELAY & SWITCH™

Division of Circuit Interruption Technology, Inc.

## Switches and Relays



[www.citrely.com](http://www.citrely.com) 763.535.2339

# Switch Product

Series Number	AH	BH	CH
Appearance			
Features	<ul style="list-style-type: none"> <li>• Illuminated Pushbutton Switch</li> <li>• Vandal Proof, Water Resistant</li> <li>• Center Dot or Ring Illumination</li> <li>• Flush Actuator</li> <li>• 19mm, Panel Mount</li> </ul>	<ul style="list-style-type: none"> <li>• Illuminated Pushbutton Switch</li> <li>• Vandal Proof, Water Resistant</li> <li>• Center Dot or Ring Illumination</li> <li>• Flush or Raised Actuator</li> <li>• 16mm or 19mm, Panel Mount</li> </ul>	<ul style="list-style-type: none"> <li>• Illuminated Pushbutton Switch</li> <li>• Vandal Proof, Water Resistant</li> <li>• Center Dot or Ring Illumination</li> <li>• Custom Etching Option</li> <li>• 16mm, Panel Mount</li> </ul>
Poles	SPST	SPST	SPDT & DPDT
Function	Momentary	Momentary	Latching & Momentary
Series Number	AS	RT	BT
Appearance			
Features	<ul style="list-style-type: none"> <li>• Illuminated Indexing Switch</li> <li>• 45° &amp; 90° Options</li> <li>• Bi-Color LED Option</li> <li>• IP65 Sealing Standard</li> </ul>	<ul style="list-style-type: none"> <li>• Illuminated Pushbutton Switch</li> <li>• Bi-Color LED Option</li> <li>• Multiple Caps with Laser Etching Option</li> </ul>	<ul style="list-style-type: none"> <li>• Illuminated Pushbutton Switch</li> <li>• Miniature Size</li> <li>• Bi-Color LED Option</li> <li>• 5 Frame Options</li> <li>• 12 Cap Styles</li> </ul>
Poles	SPDT & DPDT	SPST	DPDT
Function	Indexing	Momentary	Latching & Momentary
Series Number	JC	JH	JS
Appearance			
Features	<ul style="list-style-type: none"> <li>• Illuminated Pushbutton Switch</li> <li>• Dual LED Option</li> <li>• 5 Color Options</li> <li>• Multiple Cap Options</li> </ul>	<ul style="list-style-type: none"> <li>• Illuminated Pushbutton Switch</li> <li>• Dual LED Option</li> <li>• 3 LED Color Options</li> <li>• 6 Cap Styles with 9 Color Options</li> </ul>	<ul style="list-style-type: none"> <li>• Illuminated Tactile Switch</li> <li>• 12mm x 12mm</li> <li>• 4 LED Color Choices</li> <li>• 7 Cap Styles</li> </ul>
Poles	SPDT & DPDT	SPDT	SPST
Function	Latching & Momentary	Latching & Momentary	Momentary

Dimensions shown in mm. Dimensions are shown for reference purposes only.

Specifications and availability subject to change without notice.

# Switch Product

Series Number	LPH	NL	SH
Appearance			
Features	<ul style="list-style-type: none"> <li>• Illuminated Pushbutton Switch</li> <li>• Bi-Color LED Option</li> <li>• Multiple Finish Options</li> <li>• Laser Etching Option</li> </ul>	<ul style="list-style-type: none"> <li>• Illuminated Tactile Switch</li> <li>• Ultra Sub-Miniature</li> <li>• Surface Mount</li> <li>• Dual LED</li> </ul>	<ul style="list-style-type: none"> <li>• Miniature Pushbutton Switch</li> <li>• Illuminated Option with Laser Etching Available</li> <li>• Bi-Color LED Option</li> <li>• 16 Cap Styles</li> </ul>
Poles	DPDT & 4PDT	SPST	SPST
Function	Latching & Momentary	Momentary	Momentary
Series Number	DG	MH	DS
Appearance			
Features	<ul style="list-style-type: none"> <li>• Illuminated Pushbutton Switch</li> <li>• Panel Mount</li> <li>• Bi-Color LED Option</li> <li>• Silver or Gold Contact Options</li> </ul>	<ul style="list-style-type: none"> <li>• Illuminated Pushbutton Switch</li> <li>• Right Angle</li> <li>• Bi-Color LED Option</li> <li>• Available with or without cap</li> <li>• Over-Travel &amp; Positive Feel</li> </ul>	<ul style="list-style-type: none"> <li>• Illuminated Pushbutton Switch</li> <li>• PC Mount</li> <li>• Bi-Color LED Option</li> <li>• Available with or without cap</li> </ul>
Poles	SPST	SPDT	SPST N.O. & DPST N.O.
Function	Momentary	Momentary	Momentary
Series Number	CL1200	ES	CS
Appearance			
Features	<ul style="list-style-type: none"> <li>• Illuminated Tactile Switch</li> <li>• Bi-Color LED Option</li> <li>• 4 Cap Styles with 5 Colors</li> <li>• SMT &amp; Right Angle Available</li> </ul>	<ul style="list-style-type: none"> <li>• Illuminated Pushbutton Switch</li> <li>• Bi-Color LED Option</li> <li>• Matte Finish</li> <li>• Rounded or Flat Actuator</li> <li>• IP67 Sealed Standard</li> </ul>	<ul style="list-style-type: none"> <li>• Surface Mount Tactile Switch</li> <li>• Multiple Actuator Lengths</li> <li>• Multiple Actuation Forces</li> </ul>
Poles	SPST	SPST N.O. & SPST N.C.	SPST
Function	Momentary	Momentary	Momentary

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# Switch Product

Series Number	CR & CT	ST	LP
Appearance			
Features	<ul style="list-style-type: none"> <li>• Thru Hole Tactile Switch</li> <li>• Ammo Pack</li> <li>• Multiple Actuator Lengths</li> <li>• Multiple Actuation Forces</li> </ul>	<ul style="list-style-type: none"> <li>• Thru Hole Tactile Switch</li> <li>• Process Sealed</li> <li>• Multiple Actuator Lengths</li> <li>• Multiple Actuation Forces</li> </ul>	<ul style="list-style-type: none"> <li>• Miniature Pushbutton Switch</li> <li>• Numerous Cap Styles</li> <li>• PC Terminal or Snap-In PC</li> <li>• 2 ~ 4 Pole</li> </ul>
Poles	SPST	SPST	DPDT & 4PDT
Function	Momentary	Momentary	Latching & Momentary
Series Number	NC	DIP	Slide
Appearance			
Features	<ul style="list-style-type: none"> <li>• Miniature Pushbutton Switch</li> <li>• Positive Snap Feel</li> <li>• 6 Cover Styles</li> <li>• 9 Cover Colors</li> <li>• 15 Cap Styles</li> </ul>	<ul style="list-style-type: none"> <li>• DIP Switch</li> <li>• Full &amp; Low Profile Styles</li> <li>• Standard, Half Pitch, Piano and Right Angle</li> <li>• Thru Hole &amp; Surface Mount</li> </ul>	<ul style="list-style-type: none"> <li>• Miniature &amp; Sub-Miniature</li> <li>• Standard &amp; Right Angle</li> <li>• Multiple Actuator Lengths</li> <li>• Steel &amp; Nylon Housings</li> <li>• Thru Hole &amp; Surface Mount</li> </ul>
Poles	SPST	SPST ~ 12PST	SPDT ~ 4P3T
Function	Momentary	On / Off	Multiple
Series Number	RPH	DL	MP
Appearance			
Features	<ul style="list-style-type: none"> <li>• Horizontal Pushbutton Switch</li> <li>• PC Terminal or Snap-In PC</li> <li>• Panel Mount Chassis</li> <li>• 2 ~ 6 Poles</li> </ul>	<ul style="list-style-type: none"> <li>• Horizontal Pushbutton Switch</li> <li>• Piggyback Style Available</li> <li>• 17 Cap Style Options</li> <li>• 2 ~ 16 Poles</li> </ul>	<ul style="list-style-type: none"> <li>• Horizontal Pushbutton Switch</li> <li>• Solder Lug or PC Pin Terminal</li> <li>• Two Case Styles</li> <li>• Mounting Tabs</li> </ul>
Poles	DPDT, 4PDT & 6PDT	DPDT ~ 16PDT	SPDT & DPDT
Function	Latching & Momentary	Latching & Momentary	Latching & Momentary

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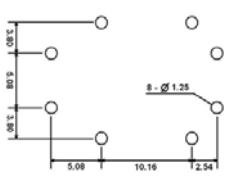
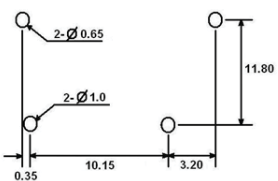
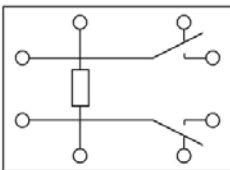
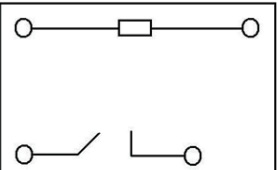
# Switch Product

Series Number	ANT & AST	BNT & BST	ANR & ASR
Appearance			
Features	<ul style="list-style-type: none"> <li>• Miniature Toggle Switch</li> <li>• Non-Sealed &amp; Sealed Types</li> <li>• Flat Toggles with Anti-Rotation</li> <li>• Wide Variety of Terminals</li> <li>• Gold Contacts Available</li> </ul>	<ul style="list-style-type: none"> <li>• Sub-Miniature Toggle Switch</li> <li>• Non-Sealed &amp; Sealed Types</li> <li>• Wide Variety of Terminals</li> <li>• Numerous Actuator Lengths</li> <li>• Gold Contact Available</li> </ul>	<ul style="list-style-type: none"> <li>• Miniature Rocker Switch</li> <li>• Non-Sealed &amp; Sealed Types</li> <li>• Available Support Brackets</li> <li>• Up to 4 Poles with 5 Functions</li> <li>• Many Rocker &amp; Paddle Styles</li> </ul>
Poles	SPDT ~ 4PDT	SPDT & DPDT	SPDT ~ 4PDT
Function	Multiple	Multiple	Multiple
Series Number	BNR & BSR	ANP & ASP	BNP & BSP
Appearance			
Features	<ul style="list-style-type: none"> <li>• Sub-Miniature Rocker Switch</li> <li>• Non-Sealed &amp; Sealed Types</li> <li>• Available Support Brackets</li> <li>• Multiple Switch Functions</li> <li>• Many Rocker &amp; Paddle Styles</li> </ul>	<ul style="list-style-type: none"> <li>• Miniature Pushbutton Switch</li> <li>• Non-Sealed &amp; Sealed Types</li> <li>• Wide Variety of Terminals</li> <li>• 6 Cap Style Options</li> </ul>	<ul style="list-style-type: none"> <li>• Sub-Miniature Pushbutton</li> <li>• Non-Sealed &amp; Sealed Types</li> <li>• Wide Variety of Terminals</li> <li>• Numerous Actuator Lengths</li> <li>• Gold Contacts Available</li> </ul>
Poles	SPDT & DPDT	SPDT & DPDT	SPST & SPDT
Function	Multiple	Latching & Momentary	Momentary
Series Number	Sub-Mini SMT	CITR2	RA & RC
Appearance			
Features	<ul style="list-style-type: none"> <li>• Toggle &amp; Pushbutton Switch</li> <li>• Process Sealed</li> <li>• Surface Mount</li> <li>• Silver or Gold Plated Contacts</li> </ul>	<ul style="list-style-type: none"> <li>• Circuit Breaker Switch</li> <li>• 2 ~ 20 amp</li> <li>• Illuminated</li> </ul>	<ul style="list-style-type: none"> <li>• Rocker Switch</li> <li>• Multi-Function</li> <li>• Illuminated</li> <li>• Numerous Actuator Markings</li> <li>• Right Angle Style Option</li> </ul>
Poles	SPST & SPDT	SPST	SPST & DPST
Function	Multiple	On-Off Circuit Breaker	Multiple

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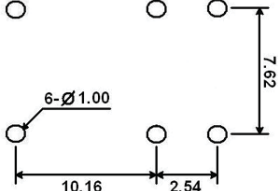
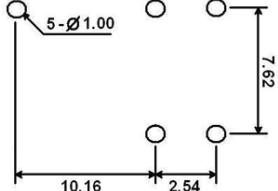
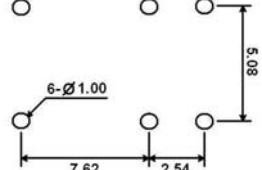
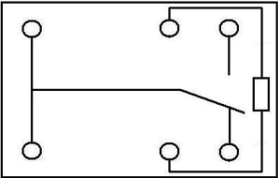
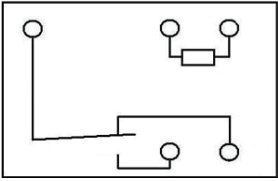
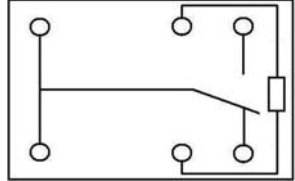
# Relay Product

Model Number	J098	J099
Appearance		
Features	<ul style="list-style-type: none"> <li>• Switching capacity up to 6A</li> <li>• Small size and light weight</li> <li>• Low coil power consumption</li> <li>• Strong shock &amp; vibration resistance</li> <li>• Up to 48VDC coil voltage</li> </ul>	<ul style="list-style-type: none"> <li>• High sensitivity</li> <li>• Light weight</li> <li>• Switching current up to 12A</li> <li>• PC board mounting</li> </ul>
Dimensions (L x W x H mm)	21.5 x 15.8 x 16.5	18.4 x 15.0 x 10.3
Contact Arrangement	2A, 2B, 2C	1A
Contact Material	AgCdO + Au	AgSnO <sub>2</sub>
Contact Ratings	5A @ 277VAC 6A @ 125VAC 6A @ 30VDC	10A @ 277VAC 10A @ 30VDC 12A @ 125VAC
Coil Voltage Options	3 ~ 48VDC	3 ~ 24VDC
Coil Power Options	.60W	.45W
Contact Resistance	< 50m Ω	< 50m Ω
Insulation Resistance	100M Ω @ 500VDC	100M Ω @ 500VDC
Electrical Life	100K cycles	100K cycles
Mechanical Life	10M cycles	10M cycles
Dielectric Strength	Contact to Contact Contact to Coil 750V rms 1000V rms	1000V rms 2500V rms
Operating Temperature	-40°C to 85°C	-40°C to 85°C
Mounting Methods	PC Pin	PC Pin
PC Board Layouts		
Schematics		
Agency Approvals	E197851	E197851

Dimensions shown in mm. Dimensions are shown for reference purposes only.

Specifications and availability subject to change without notice.



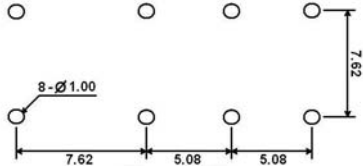
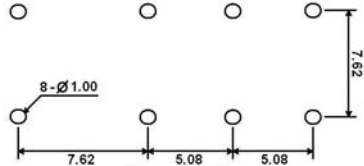
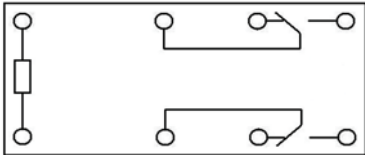
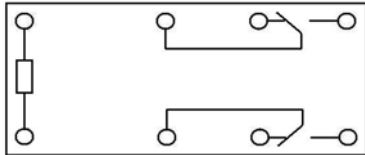
# Relay Product

J102	J102K	J103
		
<ul style="list-style-type: none"> <li>• High sensitivity</li> <li>• Super light weight</li> <li>• Low coil power consumption</li> <li>• PC board mounting</li> <li>• Ideal for high density mounting</li> </ul>	<ul style="list-style-type: none"> <li>• 5 Pin configuration</li> <li>• Super light weight</li> <li>• Low coil power consumption</li> <li>• PC board mounting</li> <li>• Ideal for high density mounting</li> </ul>	<ul style="list-style-type: none"> <li>• Low coil power consumption</li> <li>• High sensitivity</li> <li>• Conforms to FCC Part 68</li> <li>• PC board mounting</li> <li>• Small size, light weight</li> </ul>
15.5 x 10.5 x 11.25	15.5 x 10.5 x 11.25	12.5 x 7.5 x 10.0
1A, 1B, 1C	1A, 1B, 1C	1A, 1C
AgNi + Au, Ag + Au	AgNi + Au, Ag + Au	Ag + Au
1A & 3A @ 125VAC 1A & 3A @ 30VDC 3A & 5A @ 125VAC; 3A & 5A @ 30VDC Pilot Duty 270VA, 120VAC	1A & 3A @ 125VAC 1A & 3A @ 30VDC 5A @ 125VAC; 5A @ 30VDC Pilot Duty 270VA, 120VAC	2A @ 120VAC 2A @ 24VDC
3 ~ 24VDC	3 ~ 24VDC	3 ~ 24VDC
.20W, .36W & .45W	.20W, .36W & .45W	.15W & .20W
< 50m Ω	< 50m Ω	< 50m Ω
100M Ω @ 500VDC	100M Ω @ 500VDC	100M Ω @ 500VDC
100K cycles	100K cycles	100K cycles
10M cycles	10M cycles	5M cycles
500V rms 1250V rms	500V rms 1250V rms	1000V rms 1500V rms
-40°C to 85°C	-40°C to 85°C	-40°C to 85°C
PC Pin	PC Pin	PC Pin
		
		
E197851	E197851	E197851

Specifications and availability subject to change without notice.

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# Relay Product




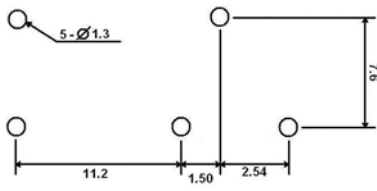
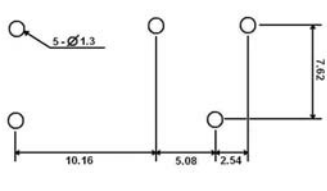
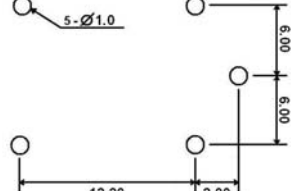
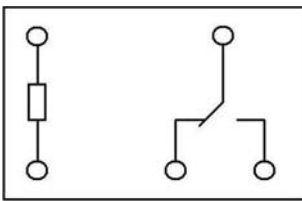
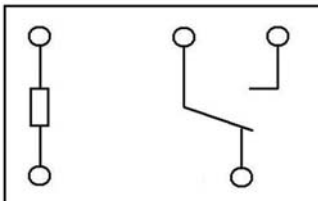
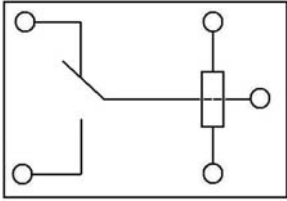
Model Number	J104A & J104B	J104C
Appearance		
Features	<ul style="list-style-type: none"> <li>• Bifurcated contacts for high reliability</li> <li>• High sensitivity</li> <li>• Light weight</li> <li>• Conforms to FCC Part 68</li> <li>• PC board mounting</li> </ul>	<ul style="list-style-type: none"> <li>• Standard contacts - low cost version</li> <li>• High sensitivity</li> <li>• Light weight</li> <li>• Conforms to FCC Part 68</li> <li>• PC board mounting</li> </ul>
Dimensions (L x W x H mm)	20.0 x 9.8 x 10.8	21.0 x 9.8 x 10.8
Contact Arrangement	2C	2C
Contact Material	AgNi + Au clad	Ag
Contact Ratings	2A @ 30VDC .6A @ 125VAC 3A @ 30VDC N.O.	1A @ 24VDC 1A @ 125VAC
Coil Voltage Options	3 ~ 48VDC	3 ~ 48VDC
Coil Power Options	J104A~.40W & .55W; J104B~.15W & .20W	.20W , .36W & .51W
Contact Resistance	< 50m Ω	< 50m Ω
Insulation Resistance	100M Ω @ 500VDC	100M Ω @ 500VDC
Electrical Life	500K cycles	500K cycles
Mechanical Life	100M cycles	100M cycles
Dielectric Strength	Contact to Contact Contact to Coil	1000V rms 1500V rms
Operating Temperature	-40°C to 85°C	-40°C to 85°C
Mounting Methods	PC Pin	PC Pin
PC Board Layouts		
Schematics		
Agency Approvals	E197851	E197851

Dimensions shown in mm. Dimensions are shown for reference purposes only.

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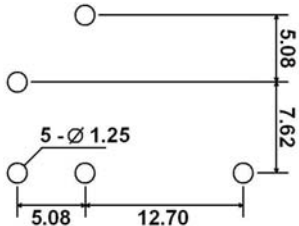
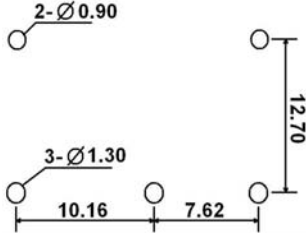
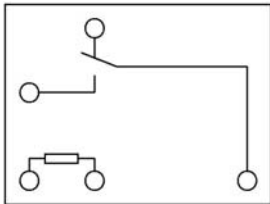
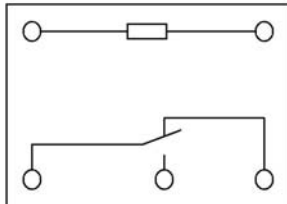
# Relay Product

J105	J105E	J107F
		
<ul style="list-style-type: none"> <li>• Switching capability up to 10A</li> <li>• Small size, light weight</li> <li>• Low coil power consumption</li> <li>• High contact load</li> </ul>	<ul style="list-style-type: none"> <li>• Switching capability up to 10A</li> <li>• Small size, light weight</li> <li>• Low coil power consumption</li> <li>• High contact load</li> </ul>	<ul style="list-style-type: none"> <li>• UL F Class rated standard</li> <li>• Small size, light weight</li> <li>• PC board mounting</li> <li>• UL / CUL certified</li> </ul>
18.5 x 10.2 x 15.8	20.1 x 9.9 x 15.4	19.0 x 15.5 x 15.3
1A, 1C	1A, 1C	1A, 1B, 1C
AgSnO <sub>2</sub>	AgSnO <sub>2</sub>	AgSnO <sub>2</sub>
4.2A @ 277VAC 5A @ 250VAC 10A @ 125VAC Resistive 1/4hp - 120/250/277VAC TV-5; 120VAC, Pilot Duty C150	4.2A @ 277VAC 5A @ 250VAC 10A @ 125VAC Resistive 1/4hp - 120/250/277VAC TV-5; 120VAC, Pilot Duty C150	6A@277VAC; 10A@250VAC & 28VDC 12A@125VAC & 28VDC 15A@125VAC N.O. 20A@125VAC & 16VDC; 1/3hp - 125/277VAC
3 ~ 48VDC	3 ~ 48VDC	3 ~ 48VDC
.45W	.45W	.36W, .45W & .80W
< 50m Ω	< 50m Ω	< 50m Ω
100M Ω @ 500VDC	100M Ω @ 500VDC	100M Ω @ 500VDC
100K cycles	100K cycles	100K cycles
10M cycles	10M cycles	10M cycles
1000V rms 4000V rms	1000V rms 4000V rms	750V rms 1500V rms
-40°C to 85°C	-40°C to 85°C	-55°C to 125°C
PC Pin	PC Pin	PC Pin
		
		
E197852	E197852	E197851

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Dimensions shown in mm. Dimensions are shown for reference purposes only.




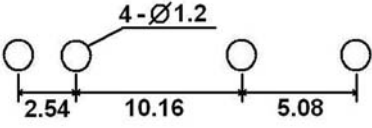
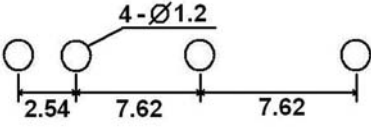
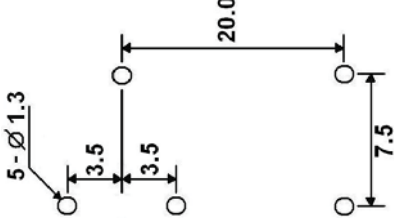
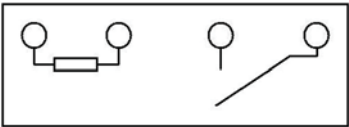
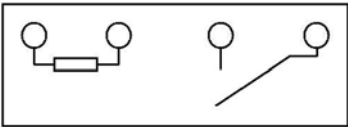
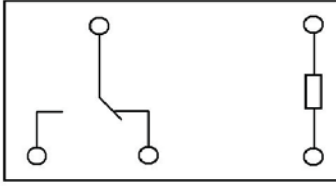
# Relay Product

Model Number	J109F	J111
Appearance		
Features	<ul style="list-style-type: none"> <li>• UL F Class rated standard</li> <li>• Small size, light weight</li> <li>• PC board mounting</li> <li>• UL / CUL certified</li> </ul>	<ul style="list-style-type: none"> <li>• Low profile</li> <li>• Small size, light weight</li> <li>• Coil voltages up to 100VDC</li> <li>• UL / CUL certified</li> </ul>
Dimensions (L x W x H mm)	22.3 x 17.3 x 14.5	22.2 x 16.5 x 10.9
Contact Arrangement	1A, 1B, 1C	1A, 1C
Contact Material	AgSnO <sub>2</sub>	AgSnO <sub>2</sub>
Contact Ratings	6A @ 300VAC & 28VDC 10A @ 125/240VAC & 28VDC 12A @ 125VAC & 28VDC 1/3hp - 120/240VAC	1A : 16A @ 250VAC 1C : 10A @ 250VAC
Coil Voltage Options	3 ~ 48VDC	5 ~ 100VDC
Coil Power Options	.36W, .45W, .50W & .80W	.20W, .45W & .60W
Contact Resistance	< 50m Ω	< 50m Ω
Insulation Resistance	100M Ω @ 500VDC	100M Ω @ 500VDC
Electrical Life	100K cycles	100K cycles
Mechanical Life	10M cycles	10M cycles
Dielectric Strength Contact to Contact Contact to Coil	1000V rms 2500V rms	750V rms 1500V rms
Operating Temperature	-55°C to 125°C	-40°C to 85°C
Mounting Methods	PC Pin	PC Pin
PC Board Layouts		
Schematics		
Agency Approvals	E197851	E197852

Dimensions shown in mm. Dimensions are shown for reference purposes only.

Specifications and availability subject to change without notice.



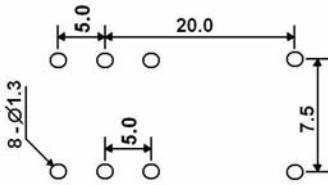
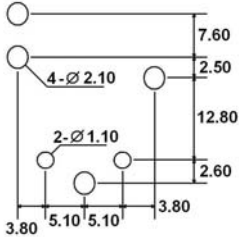
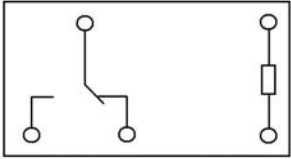
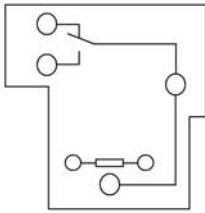
# Relay Product

J112	J112K	J114AF
		
<ul style="list-style-type: none"> <li>• Low power consumption - .12W</li> <li>• Ultra light weight</li> <li>• Narrow width ideal for high density mounting</li> <li>• UL / CUL certified</li> </ul>	<ul style="list-style-type: none"> <li>• Low power consumption - .12W</li> <li>• Light weight</li> <li>• Narrow width ideal for high density mounting</li> <li>• UL / CUL certified</li> </ul>	<ul style="list-style-type: none"> <li>• Switching capacity up to 16A</li> <li>• 20mm height</li> <li>• PC board mounting</li> <li>• UL / CUL certified</li> </ul>
20.2 x 5.3 x 12.8	20.2 x 5.3 x 12.8	29.0 x 12.7 x 20.0
1A	1A	1A, 1C, 2A, 2C
AgSnO <sub>2</sub>	AgSnO <sub>2</sub>	AgSnO <sub>2</sub>
5A @ 250VAC Resistive 5A @ 30VDC Resistive	5A @ 250VAC Resistive 5A @ 30VDC Resistive	1A & 1C : 16A @ 250VAC, 30VDC 1AH & 1CH : 16A @ 240VAC, 30VDC 2A & 2C : 8A @ 250VAC 2A & 2C : 5A @ 30VDC
5 ~ 24VDC	5 ~ 24VDC	3 ~ 48VDC
.12W, .18W	.12W, .18W	.53W & .72W
< 50m Ω	< 50m Ω	< 50m Ω
100M Ω @ 500VDC	100M Ω @ 500VDC	100M Ω @ 500VDC
100K cycles	100K cycles	100K cycles
10M cycles	10M cycles	10M cycles
1000V rms 2000V rms	1000V rms 2000V rms	1000V rms 5000V rms
-40C to 85°C	-40°C to 85°C	-55°C to 105°C
PC Pin	PC Pin	PC Pin
		
		
E197851	E197851	E197851

Specifications and availability subject to change without notice.

Dimensions shown in mm. Dimensions are shown for reference purposes only.




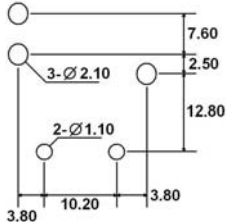
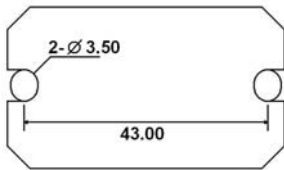
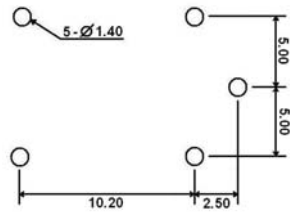
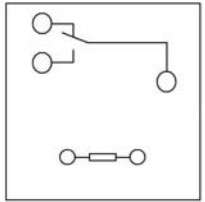
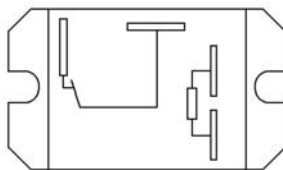
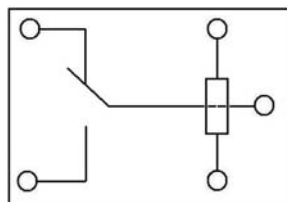
# Relay Product

Model Number	J114FL	J115F1
Appearance		
Features	<ul style="list-style-type: none"> <li>• Switching capacity up to 16A</li> <li>• Low profile : 15.7mm</li> <li>• F Class insulation standard</li> <li>• UL / CUL certified</li> </ul>	<ul style="list-style-type: none"> <li>• UL F Class rated standard</li> <li>• Small size, light weight</li> <li>• Heavy contact load</li> <li>• Strong shock &amp; vibration resistance</li> <li>• UL / CUL &amp; TÜV certified</li> </ul>
Dimensions (L x W x H mm)	29.0 x 12.6 x 15.7	31.7 x 26.9 x 20.3
Contact Arrangement	1A, 1C, 2A, 2C	1A, 1B, 1C
Contact Material	AgSnO <sub>2</sub>	AgSnO <sub>2</sub> , AgSnO <sub>2</sub> In <sub>2</sub> O <sub>3</sub>
Contact Ratings	1A & 1C : 12A @ 250VAC, 30VDC 1A & 1C : 16A @ 250VAC, 30VDC 2A & 2C : 8A @ 250VAC; 30VDC	NO : 40A @ 240VAC Resistive 30A @ 277VAC General Purpose 2hp @ 250VAC NC : 30A @ 240VAC Resistive, 30VDC 20A @ 277VAC General Purpose 1 1/2hp @ 250VAC
Coil Voltage Options	5VDC ~ 48VDC	3 ~ 110VDC & 12~277VAC
Coil Power Options	.41W	DC: .60W & .90W AC : 2VA
Contact Resistance	< 50m Ω	< 30m Ω
Insulation Resistance	1000M Ω @ 500VDC	1000M Ω @ 500VDC
Electrical Life	100K cycles	100K cycles
Mechanical Life	10M cycles	10M cycles
Dielectric Strength Contact to Contact Contact to Coil	1000V rms 5000V rms	1500V rms 4000V rms & 2500V rms
Operating Temperature	-40°C to 125°C	-55°C to 125°C
Mounting Methods	PC Pin	PC Pin
PC Board Layouts		
Schematics		
Agency Approvals	E197852	E197852

Dimensions shown in mm. Dimensions are shown for reference purposes only.

Specifications and availability subject to change without notice.



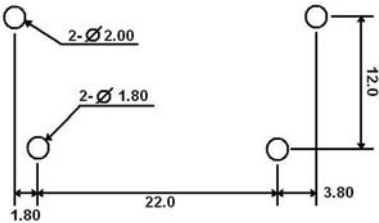
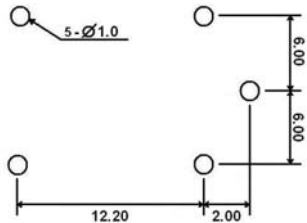
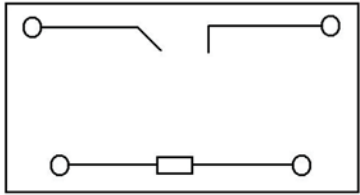
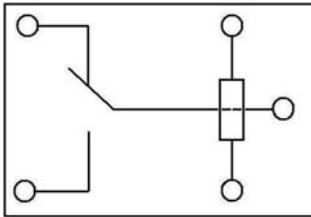
# Relay Product

J115F2	J115F3	J118
		
<ul style="list-style-type: none"> <li>• UL F Class rated standard</li> <li>• Small size, light weight</li> <li>• Heavy contact load</li> <li>• Strong shock &amp; vibration resistance</li> <li>• UL / CUL &amp; TÜV certified</li> </ul>	<ul style="list-style-type: none"> <li>• UL F Class rated standard</li> <li>• Small size, light weight</li> <li>• Heavy contact load</li> <li>• Strong shock &amp; vibration resistance</li> <li>• UL / CUL &amp; TÜV certified</li> </ul>	<ul style="list-style-type: none"> <li>• Low coil power consumption</li> <li>• Small size, light weight</li> <li>• PC board mounting</li> <li>• Wide range of applications</li> </ul>
31.9 x 26.8 x 28.1	32.4 (50) x 26.8 x 28.1	15.5 x 12.2 x 13.8
1A, 1B, 1C	1A, 1B, 1C	1A, 1B, 1C
AgSnO <sub>2</sub> , AgSnO <sub>2</sub> In <sub>2</sub> O <sub>3</sub>	AgSnO <sub>2</sub> , AgSnO <sub>2</sub> In <sub>2</sub> O <sub>3</sub>	AgSnO <sub>2</sub>
NO : 40A @ 240VAC Resistive 30A @ 277VAC General Purpose 2hp @ 250VAC NC : 30A @ 240VAC Resistive, 30VDC 20A @ 277VAC General Purpose 1 1/2hp @ 250VAC	NO : 40A @ 240VAC Resistive 30A @ 277VAC General Purpose 2hp @ 250VAC NC : 30A @ 240VAC Resistive, 30VDC 20A @ 277VAC General Purpose 1 1/2hp @ 250VAC	NO : 10A @ 120VAC Resistive 20A @ 14VDC Resistive NC : 10A @ 14VDC Resistive 1/2hp @ 125VAC TV-5; 120VAC
3 ~ 110VDC & 12 ~ 277VAC	3 ~ 110VDC & 12 ~ 277VAC	6 ~ 24VDC
DC: .60W & .90W AC : 2VA	DC: .60W & .90W AC : 2VA	.60W & .80W
< 30m Ω	< 30m Ω	< 50m Ω
1000M Ω @ 500VDC	100M Ω @ 500VDC	100M Ω @ 500VDC
100K cycles	100K cycles	100K cycles
10M cycles	10M cycles	10M cycles
1500V rms 2500V rms	1500V rms 2500V rms	500V rms 500V rms
-55°C to 125°C	-55°C to 125°C	-40°C to 85°C
PC Pin	Panel Mount	PC Pin
		
		
E197852	E197852	E197852

Specifications and availability subject to change without notice.

Dimensions shown in mm. Dimensions are shown for reference purposes only.




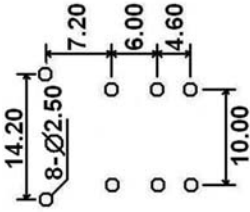
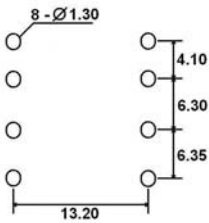
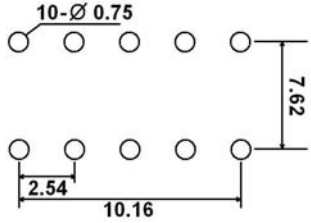
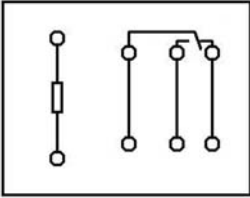
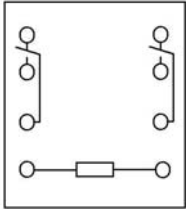
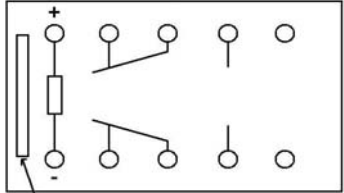
# Relay Product

Model Number	J119	J123F
Appearance		
Features	<ul style="list-style-type: none"> <li>• Switching capacity up to 25A</li> <li>• PC pins &amp; quick connect terminals</li> <li>• High in-rush capability</li> <li>• Strong resistance to shock and vibration</li> </ul>	<ul style="list-style-type: none"> <li>• UL F Class rated standard</li> <li>• Small size, light weight</li> <li>• Capable of handling 1000W lamp loads</li> <li>• Designed to withstand high in-rush</li> </ul>
Dimensions (L x W x H mm)	30.5 x 15.8 x 26.8 (36.5)	19.5 x 16.1 x 17.1
Contact Arrangement	1A	1 1A, 1C
Contact Material	AgSnO <sub>2</sub>	AgSnO <sub>2</sub> In <sub>2</sub> O <sub>3</sub>
Contact Ratings	25A @ 250VAC Resistive 25A @ 277VAC General Purpose 1 1/2hp @ 250VAC	20A @ 125VAC; 16A @ 277VAC 10A @ 250VAC; TV-8, 12VAC 1hp @ 125/250 NO 1/2hp @ 125/250 NC
Coil Voltage Options	5 ~ 48VDC	3 ~ 48VDC
Coil Power Options	.90W	.36W & .45W
Contact Resistance	< 50m Ω	< 50m Ω
Insulation Resistance	100M Ω @ 500VDC	100M Ω @ 500VDC
Electrical Life	100K cycles	100K cycles
Mechanical Life	10M cycles	10M cycles
Dielectric Strength Contact to Contact Contact to Coil	1000V rms 2000V rms	1500V rms 2500V rms
Operating Temperature	-30°C to 55°C	-55°C to 125°C
Mounting Methods	PC Pin Quick Connect	PC Pin
PC Board Layouts		
Schematics		
Agency Approvals	E197852	E197852

Dimensions shown in mm. Dimensions are shown for reference purposes only.

Specifications and availability subject to change without notice.



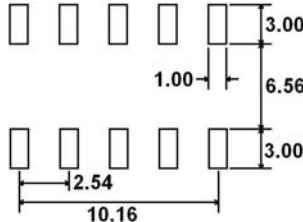
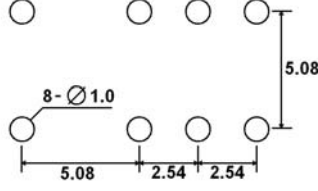
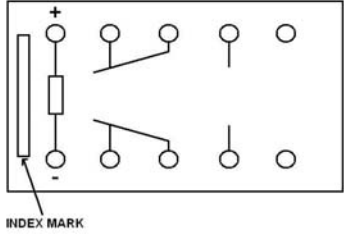
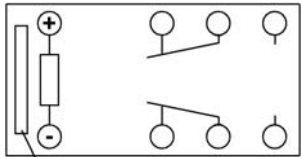
# Relay Product

J151		J152	J850
			
<ul style="list-style-type: none"> <li>Switching capacity up to 20A</li> <li>Low coil power consumption</li> <li>High contact load</li> <li>Strong resistance to shock and vibration</li> </ul>		<ul style="list-style-type: none"> <li>Switching capacity up to 10A</li> <li>Low coil power consumption</li> <li>High contact load</li> <li>Strong resistance to shock and vibration</li> </ul>	<ul style="list-style-type: none"> <li>Monostable</li> <li>Meets FCC Part 68</li> <li>Ultra low profile, 4.90 height</li> <li>UL / CUL certified</li> </ul>
21.6, 30.6, 40.6 x 27.6 x 35.0		27.0 x 21.0 x 35.0	14.0 x 9.0 x 4.9
1/2/3A 1/2/3B 1/2/3C		2/34/A, 2/3/4B, 2/3/4C	2C
AgSnO <sub>2</sub>		AgSnO <sub>2</sub>	AgPd, Au plated
1 Pole 20A @ 277VAC 20A @ 28VDC	2 & 3 Pole 12A @ 250VAC 12A @ 28VDC 10A @ 277VAC 1/2hp @ 125VAC	2 & 3 Pole 10A @ 220VAC 10A @ 28VDC	4 Pole 5A @ 220VAC 5A @ 28VDC
6 ~ 110VDC; 6 ~ 240VAC		6 ~ 110VDC; 6 ~ 220VAC	3 ~ 24VDC
DC: .9W, 1.4W & 1.5W & AC: 1.2W, 2W & 2.5W		DC: .90W & AC: 1.2W	.14W & .20W
< 50m Ω		< 50m Ω	< 50m Ω
100M Ω @ 500VDC		100M Ω @ 500VDC	100M Ω @ 500VDC
100K cycles		100K, 200K or 500K cycles	200K cycles
10M & 20M cycles		10M or 20M cycles	100M Cycles
1500V rms 1500V rms		1500V rms 1500V rms	1000V rms 1000V rms
-40°C to 85°C		-40°C to 85°C	-40°C to 85°C
PC Pin Solder Lug		PC Pin Solder Lug	PC Pin
			
			
E197851		E197851	E197851

Specifications and availability subject to change without notice.

Dimensions shown in mm. Dimensions are shown for reference purposes only.

# Relay Product

Model Number	J850SM	J860
Appearance		
Features	<ul style="list-style-type: none"> <li>• Monostable</li> <li>• Meets FCC Part 68</li> <li>• Ultra low profile, 4.90 height</li> <li>• UL / CUL certified</li> </ul>	<ul style="list-style-type: none"> <li>• Monostable</li> <li>• Meets FCC Part 68 &amp; Telcordia surge test</li> <li>• Bifurcated contacts, small package</li> <li>• UL / CUL certified</li> </ul>
Dimensions (L x W x H mm)	14.0 x 9.0 x 4.9	15.0 x 7.5 x 9.4
Contact Arrangement	2C	2C
Contact Material	AgPd stationary contact, Au plated	AgNi, Au clad
Contact Ratings	1A @ 30VDC .5A @ 125VAC	2A @ 30VDC .5A @ 125VAC
Coil Voltage Options	3 ~ 24VDC	3 ~ 24VDC
Coil Power Options	.14W & .20w	.14W & .20W
Contact Resistance	< 50m Ω	< 50m Ω
Insulation Resistance	100M Ω @ 500VDC	100M Ω @ 500VDC
Electrical Life	200K cycles	100K cycles
Mechanical Life	100M cycles	10M cycles
Dielectric Strength Contact to Contact Contact to Coil	1000V rms 1000V rms	1500V rms 2500V rms
Operating Temperature	-40°C to 85°C	-40°C to 85°C
Mounting Methods	PC Pin	PC Pin
PC Board Layouts		
Schematics		
Agency Approvals	E197851	E197851

Dimensions shown in mm. Dimensions are shown for reference purposes only.

Specifications and availability subject to change without notice.



# Automotive Relay Product

**A1**

**A1M**



- Switching capacity up to 25A
- Suitable for automobile & lamp accessories
- PCB pin and quick connect mounting

- Switching capacity up to 20A
- PCB pin and quick connect mounting
- Suitable for automobile & lamp accessories

22.8 x 15.3 x 25.8

20.0 x 15.2 x 22.0

1A & 1C

1A & 1B

AgSnO<sub>2</sub>

AgSnO<sub>2</sub>

1A : 25A @ 14VDC  
 1C : 20A @ 14VDC

1A : 20A @ 14VDC  
 1B : 15A @ 14VDC

6 ~ 48VDC

12VDC & 24VDC

1.2W & 1.5W

1.16W

< 50m Ω

< 50m Ω

100M Ω @ 500VDC

100M Ω @ 500VDC

100K cycles

100K cycles

10M cycles

10M cycles

1500V rms

1000V rms

2500V rms

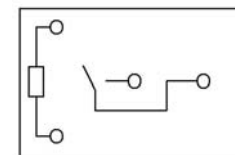
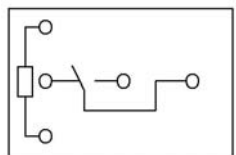
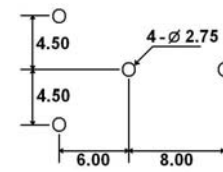
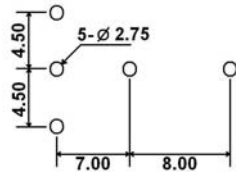
1500V rms

-40°C to 85°C

-40°C to 85°C

PC Pin  
 Quick Connect

Quick Connect




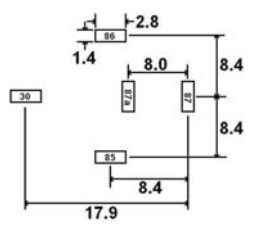
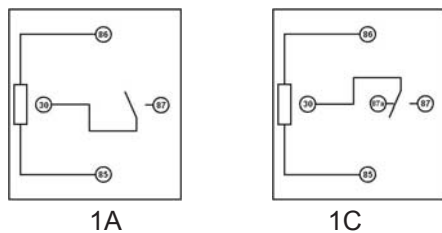
Specifications and availability subject to change without notice.

Dimensions shown in mm. Dimensions are shown for reference purposes only.

# Automotive Relay Product

Model Number

A2

<p>Appearance</p>	
<p>Features</p>	<ul style="list-style-type: none"> <li>• Large switching capacity up to 40A</li> <li>• PCB pin &amp; quick connect mounting</li> <li>• Suitable for automotive &amp; lamp accessories</li> <li>• Two style mounting flange available</li> </ul>
<p>Dimensions (L x W x H mm)</p>	<p>26.0 x 26.0 x 24.5 (39.5)</p>
<p>Contact Arrangement</p>	<p>1A, 1B, 1C &amp; 1U</p>
<p>Contact Material</p>	<p>AgSnO<sub>2</sub></p>
<p>Contact Ratings</p>	<p>1A : 40A @ 14VDC        1B : 30A @ 14VDC        1C : 40A @ 14VDC NO        1C : 30A @ 14VDC NC        1U : 2x20A @ 14VDC</p>
<p>Coil Voltage Options</p>	<p>6VDC, 12VDC, 24VDC &amp; 48VDC</p>
<p>Coil Power Options</p>	<p>1.6W &amp; 1.9W</p>
<p>Contact Resistance</p>	<p>&lt; 30m Ω</p>
<p>Insulation Resistance</p>	<p>100M Ω @ 500VDC</p>
<p>Electrical Life</p>	<p>100K cycles</p>
<p>Mechanical Life</p>	<p>10M cycles</p>
<p>Dielectric Strength Contact to Contact Contact to Coil</p>	<p>500V rms        750V rms</p>
<p>Operating Temperature</p>	<p>-40°C to 125°C</p>
<p>Mounting Methods</p>	<p>PC Pin        Quick Connect</p>
<p>PC Board Layouts</p>	
<p>Schematics</p>	
<p>Agency Approvals</p>	

Dimensions shown in mm. Dimensions are shown for reference purposes only. Specifications and availability subject to change without notice.

# Automotive Relay Product

**A3**

**A4**



- Large switch capacity up to 80A
- PCB pin & quick connect mounting
- Suitable for automobile and lamp accessories
- OS-9000, ISO-9002 certified manufacturing

- Low coil power consumption
- Switching current up to 20A
- Dual relay available
- Suitable for household appliances & automotive applications

28.5 x 28.5 x 26.5 (40.0)

16.9 x 14.5 (29.7) x 19.5

1A, 1B, 1C & 1U

1A, 1C, 1U, 1W & 2A, 2C, 2U, 2W

AgSnO<sub>2</sub>In<sub>2</sub>O<sub>3</sub>

AgSnO<sub>2</sub>

**Standard**  
 1A : 60A @ 14VDC  
 1B : 40A @ 14VDC  
 1C : 60A @ 14VDC NO  
 1C : 40A @ 14VDC NC  
 1U : 2x25A @ 14VDC

**Heavy Duty**  
 1A : 80A @ 14VDC  
 1B : 70A @ 14VDC  
 1C : 80A @ 14VDC NO  
 1C : 70A @ 14VDC NC  
 1U : 2x25A @ 14VDC

1A, 1C, 2A, 2C : 10A @ 120VAC  
 1A, 1C, 2A, 2C : 10A @ 28VDC  
 1A, 1C, 2A, 2C : 20A @ 14VDC  
 1U, 1W, 2U, 2W : 2x10A @ 120VAC  
 1U, 1W, 2U, 2W : 2x10A @ 28VDC  
 1U, 1W, 2U, 2W : 2x20A @ 14VDC

6VDC, 12VDC, 24VDC & 48VDC

3 ~ 24VDC

1.8W

1.0W

< 30m Ω

< 30m Ω

100M Ω @ 500VDC

100M Ω @ 500VDC

100K cycles

100K cycles

10M cycles

10M cycles

500V rms

750V rms

500V rms

1500V rms

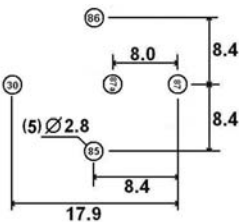
-40°C to 125°C

-40°C to 85°C

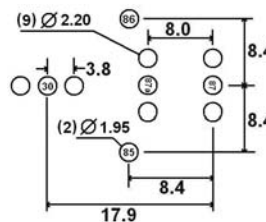
PC Pin  
 Quick Connect

PC Pin

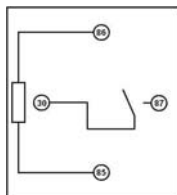
**Standard**



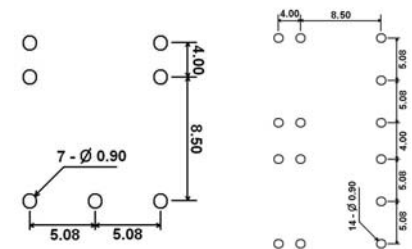
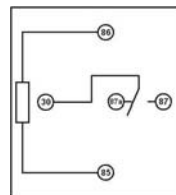
**Heavy Duty**



**Standard**



**Heavy Duty**





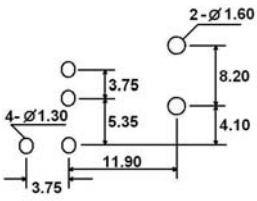
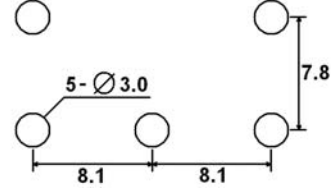
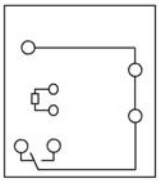
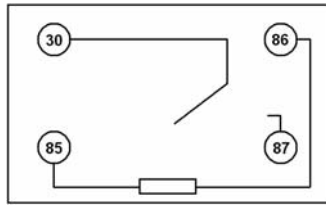
1A

2A

Specifications and availability subject to change without notice.

Dimensions shown in mm. Dimensions are shown for reference purposes only.

# Automotive Relay Product

Model Number	A5	A6
Appearance		
Features	<ul style="list-style-type: none"> <li>• Switching capacity up to 40A</li> <li>• Small size, light weight</li> <li>• Suitable for automobile &amp; lamp accessories</li> <li>• Two footprint styles available</li> </ul>	<ul style="list-style-type: none"> <li>• Low coil power consumption</li> <li>• Small size, light weight</li> <li>• Switching current up to 35A</li> <li>• Suitable for household appliances, automotive applications</li> </ul>
Dimensions (L x W x H mm)	25.8 x 20.5 x 20.8	22.5 x 15.0 x 25.2
Contact Arrangement	1A, 1B, 1C	1A, 1C
Contact Material	AgSnO <sub>2</sub>	AgSnO <sub>2</sub>
Contact Ratings	1A : 40A @ 14VDC    1C : 40A @ 14VDC 20A @ 120VAC    30A @ 14VDC 15A @ 28VDC    20A @ 120VAC 1B : 30A @ 14VDC    15A @ 28VDC 20A @ 120VAC 15A @ 28VDC	1A : 35A @ 14VDC 1C : 35A @ 14VDC NO 1C : 25A @ 14VDC NC
Coil Voltage Options	6 ~ 24VDC	6 ~ 24VDC
Coil Power Options	1.6W & 1.9W	.9W & 1.3W
Contact Resistance	< 50m Ω	< 50m Ω
Insulation Resistance	100M Ω @ 500VDC	100M Ω @ 500VDC
Electrical Life	100K cycles	100K cycles
Mechanical Life	10M cycles	10M cycles
Dielectric Strength Contact to Contact Contact to Coil	500V rms 750V rms	500V rms 500V rms
Operating Temperature	-40°C to 85°C	-40°C to 85°C
Mounting Methods	PC Pin	PC Pin
PC Board Layouts		
Schematics		
Agency Approvals		

Dimensions shown in mm. Dimensions are shown for reference purposes only.




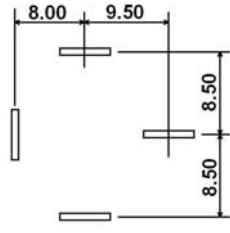
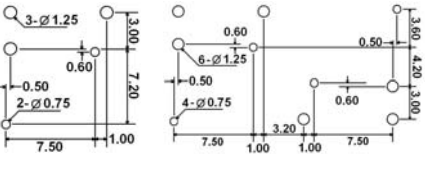
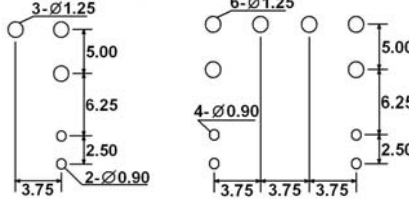
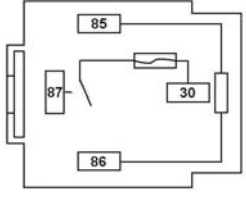
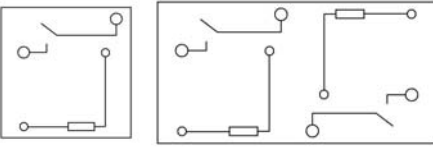
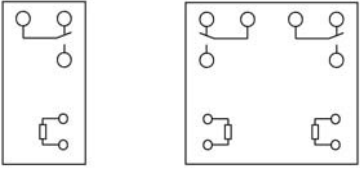
Specifications and availability subject to change without notice.

# Automotive Relay Product

**A9**

**A10**

**A11**

		
<ul style="list-style-type: none"> <li>• Switching capacity up to 40A</li> <li>• accomodates standard sized automotive fuse</li> <li>• Insert mounting footprint</li> <li>• Metal mounting tab</li> </ul>	<ul style="list-style-type: none"> <li>• Switching capacity up to 30A</li> <li>• Dual relay available</li> <li>• Withstands high temperature</li> <li>• PC pin mounting</li> <li>• Ultra light weight - 4g</li> </ul>	<ul style="list-style-type: none"> <li>• Switch capacity up to 20A</li> <li>• Dual relay available</li> <li>• Low coil power consumption</li> <li>• Suitable for automotive &amp; consumer electronics applications</li> </ul>
<p>36.5 x 25.5 x 21.0</p>	<p>12.0 (23.8) x 12.9 x 9.9</p>	<p>17.8 x 9.6 (17.0) x 13.2</p>
<p>1A</p>	<p>1A, 1C, 2A, 2C</p>	<p>1A, 1C, 2A, 2C</p>
<p>AgSnO<sub>2</sub></p>	<p>AgSnO<sub>2</sub></p>	<p>AgSnO<sub>2</sub></p>
<p>40A @ 14VDC</p>	<p>1A : 25A, 30A @ 14VDC          1C : 25A, 30A @ 14VDC NO                : 20A, 25A @ 14VDC NC          2A : 25A, 30A @ 14VDC          2C : 25A, 30A @ 14VDC NO                : 20A, 25A @ 14VDC NC</p>	<p>20A @ 14VDC NO          15A @ 14VDC NC</p>
<p>6 ~ 24VDC</p>	<p>5 ~ 12VDC</p>	<p>12VDC</p>
<p>1.8W</p>	<p>.55W</p>	<p>.60W &amp; .80W</p>
<p>&lt; 50m Ω</p>	<p>&lt; 30m Ω</p>	<p>&lt; 50m Ω</p>
<p>100M Ω @ 500VDC</p>	<p>100M Ω @ 500VDC</p>	<p>100M Ω @ 500VDC</p>
<p>100K cycles</p>	<p>100K cycles</p>	<p>100K cycles</p>
<p>10M cycles</p>	<p>10M cycles</p>	<p>10M cycles</p>
<p>500V rms 750V rms</p>	<p>500V rms 500V rms</p>	<p>500V rms 500V rms</p>
<p>-40°C to 85°C</p>	<p>-40°C to 105°C</p>	<p>-40°C to 85°C</p>
<p>Socket</p>	<p>PC Pin</p>	<p>PC Pin</p>
		
	 <p>1A                      2A</p>	 <p>1C                      2C</p>

Specifications and availability subject to change without notice.



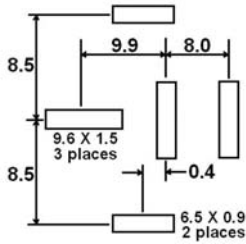
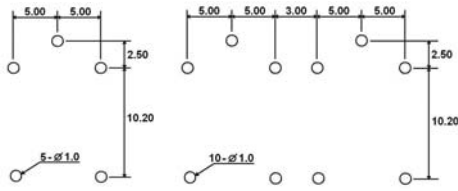
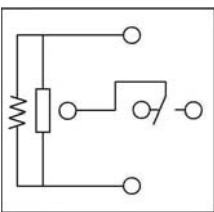
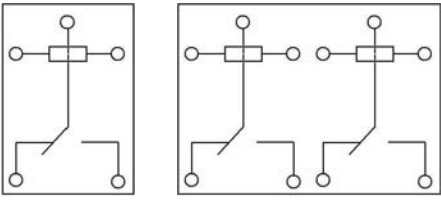
Dimensions shown in mm. Dimensions are shown for reference purposes only.

# Automotive Relay Product

Model Number

A14

A15





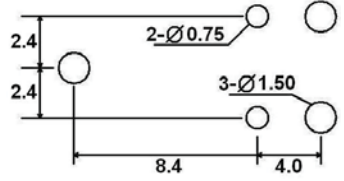

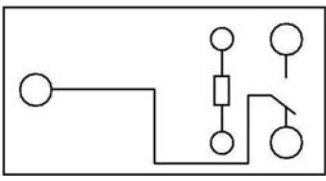
Appearance		
Features	<ul style="list-style-type: none"> <li>• Large switching capacity up to 100A</li> <li>• Ideal for high in-rush applications</li> <li>• Quick connect mounting available</li> <li>• Suitable for automotive and lamp accessories</li> </ul>	<ul style="list-style-type: none"> <li>• Switching capacity up to 30A</li> <li>• Small size, light weight</li> <li>• Dual relay available</li> <li>• Suitable for automotive and lamp accessories</li> </ul>
Dimensions (L x W x H mm)	32.6 x 34.6 x 34.0	15.5 x 12.5 (25.5) x 13.7
Contact Arrangement	1A, 1C	1C, 1U, 2C, 2U
Contact Material	AgSnO <sub>2</sub> In <sub>2</sub> O <sub>3</sub>	AgSnO <sub>2</sub>
Contact Ratings	1A: 100A @ 12VDC 50A @ 24VDC 1C: 100A @ 12VDC NO 50A @ 24VDC NO 70A @ 12VDC NC 35A @ 24VDC NC	10A @ 14VDC
Coil Voltage Options	12VDC & 24VDC	12VDC
Coil Power Options	2.9W	.70W
Contact Resistance	< 30m Ω	< 50m Ω
Insulation Resistance	100M Ω @ 500VDC	100M Ω @ 500VDC
Electrical Life	100K cycles	100K cycles
Mechanical Life	10M cycles	10M cycles
Dielectric Strength Contact to Contact Contact to Coil	1500V rms 2500V rms	500V rms 500V rms
Operating Temperature	-40°C to 85°C	-40°C to 85°C
Mounting Methods	Quick Connect	PC Pin
PC Board Layouts		
Schematics	 1C	 1C      2C
Agency Approvals		

Dimensions shown in mm. Dimensions are shown for reference purposes only.

Specifications and availability subject to change without notice.

# Automotive Relay Product

## A16 Sockets

	
<ul style="list-style-type: none"> <li>• H Bridge contact configuration</li> <li>• Small size, light weight</li> <li>• 25A switching capacity</li> <li>• F Class material standard</li> <li>• QS-9000, ISO-9002 Certified Mfg</li> </ul>	<ul style="list-style-type: none"> <li>• Used with J151, J152, A2 &amp; A9 relays</li> <li>• Snap-In, PC pin, and screw terminal types available</li> <li>• Secure fit for relays</li> <li>• Allows for easy installation of relays onto PC board</li> <li>• Hold down clips also available</li> </ul>
<p>14.5 x 7.7 x 13.7    14.5 x 14.0 x 14.3</p> <p>1C, 1H</p> <p>AgSnO<sub>2</sub>In<sub>2</sub>O<sub>3</sub></p> <p>25A @ 14VDC</p>	
<p>12VDC</p>	<p>HD-1001, HD-1002 &amp; HD-1003 sockets used with A2, A3 &amp; A9 relays</p>
<p>.64W @ .80W</p>	
<p>&lt; 50m Ω</p>	 <p>PT &amp; PY Series PC pin sockets used with J151 &amp; J152 relays</p>
<p>100M Ω @ 500VDC</p>	
<p>100K cycles</p>	
<p>10M cycles</p>	
<p>1000V rms 1500V rms</p>	
<p>-40°C to 105°C</p>	
<p>PC Pin</p>	
	 <p>PTF &amp; PTY Series screw terminal sockets used with J151 &amp; J152 relay</p>
 <p>1C</p>	

Specifications and availability subject to change without notice.

Dimensions shown in mm. Dimensions are shown for reference purposes only.

CIT Relay & Switch manufactures a broad array of automotive, telecom, security, industrial, and HVAC thru-hole and surface mount switches and relays.

The company's focus on customer service and quality combined with cost effective manufacturing makes CIT the favorite choice for new design as well as second sourcing. Headquartered in Minnesota, renowned for its strong work ethic and technical capability CIT offers its burgeoning customer base a flexible "can do" approach to relay and switch design.

CIT's primary manufacturing, located in China's Zhejiang Province, incorporates ISO9000 and QS9000 certification and employs over one-thousand workers dedicated to provide quick turn-around production of quality, cost effective electromechanical relay solutions.

We hope you will give CIT an opportunity to demonstrate to you why so many are joining the growing list of CIT satisfied customers who have come to rely on the service and quality provided by the folks at CIT.



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