

Relays, Switches, & Sensors



Technical drawings of the 1000 Series Plug-in Connector. The drawings include a side view, a front view, and a detailed cross-sectional view. The side view shows a component with a 0.4 (10) DIA. hole and an AWG #22, 12 (304) LONG wire. The front view shows a component with a 1.12 inch width. The detailed cross-sectional view shows a component with a 1.45 inch width, a 36.86 inch length, and a 1.95 inch height. It also shows a 0.92 inch width, a 23.39 inch length, and a 0.40 inch height. The detailed view also shows a 10.17 inch width, a 10.17 inch length, and a 2.0 inch height. The detailed view also shows a 50.0 inch length, a 24.91 inch height, and a 0.98 inch width. The detailed view also shows a 1.50 inch width and a 25.42 inch length. The detailed view also shows a 1.83 inch width.

The figure shows three circuit diagrams for transistor switching:

- ACA (Active Common Emitter):** A bridge rectifier circuit. The AC input (VAC) is connected to the top-left and bottom-right corners. The top-right corner is connected to the collector of an NPN transistor. The bottom-left corner is connected to the emitter of the transistor. The load is connected between the collector and emitter. The output is taken from the collector. The emitter is connected to ground through a resistor.
- NPN (NPN Common Emitter):** A common emitter circuit. The base is connected to a voltage divider (V₊ and I_{srk}). The collector is connected to a load resistor and the output. The emitter is connected to ground through a resistor. The output is taken from the collector.
- PNP (PNP Common Emitter):** A common emitter circuit. The base is connected to a voltage divider (V₊ and I_{source}). The collector is connected to a load resistor and the output. The emitter is connected to ground through a resistor. The output is taken from the collector.

CALUS
E234389



CR				-			-		SPLIT CORE CURRENT SWITCH
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9380	0.40 dia. Window	NPN	Transistor Output	M Mounting Case (optional)
		PNP	Transistor Output	
		ACA	AC Output	