

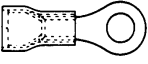
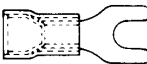
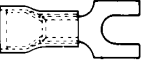
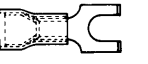
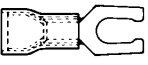

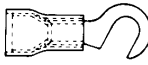
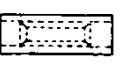


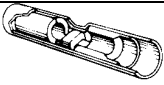



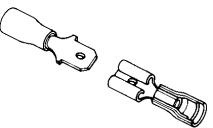
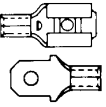
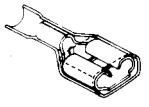
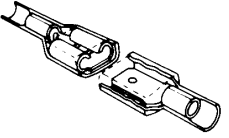
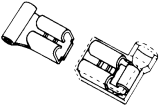
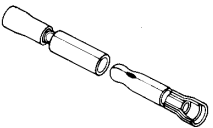
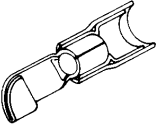
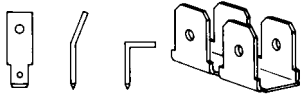
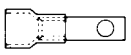
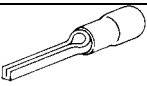
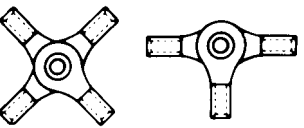


Terminal Selection Guide – Standard Tongue Styles

<p>RING TERMINAL</p> <p>Most secure type of tongue style. Attaching screw or stud must be inserted through hole in the tongue: terminal cannot fall off if nut loosens Available in wire sizes 26 AWG through 250MCM. Insulated and non-insulated.</p> 	<p>HIGH TEMPERATURE RING</p> <p>For high temperature applications; maximum operating temperature for these terminals is either 650° F or 900° F. Non-insulated only. Available in wire sizes 22 AWG through 2AWG.</p> 		
<p>HEAVY DUTY RING</p>  <p>Made of heavier than normal gauge material for heavy duty applications (commonly used by railroads). Available in 20 AWG through 14 AWG wire sizes. Insulated and non-insulated.</p>	<p>SPADE TERMINAL</p>  <p>Faster to install than ring terminals: no need to remove nut from screw or stud post, Insulated and non-insulated. Available in 22 AWG through 10 AWG wire sizes.</p>	<p>BLOCK SPADE</p>  <p>For use in terminal blocks or barrier strips. Tongue slides are flat so they lay flush against barrier portion of terminal block providing a secure "lock-in" connection. Available in 22 AWG through 10 AWG wire sizes. Insulated and non-insulated.</p>	<p>FLANGED SPADE</p>  <p>Same fast installation as spade terminal, but ends of tongue are turned up providing "locking" mechanism to help maintain connection should screw loosen. Insulated and non-insulated. Available in 22 AWG through 10 AWG wire sizes.</p>
<p>SPRING SPADE</p>  <p>Provides connection security of ring with insertion ease of spade. Small projection inside tongue forks provide snap-on mechanism "locking" terminal in place like ring terminal. Extra force required to remove-will not fall off stud or screw. Available in 22 AWG through 10 AWG wire sizes. Insulated and non-insulated.</p>	<p>MINI SPRING SPADE</p>  <p>Combines advantages of ring and spade terminals, but smaller in size than regular spring spade for tight spaces and some makes of terminal blocks. Insulated and non-insulated. Available in 22 AWG through 10 AWG wire sizes.</p>	<p>HOOK TERMINAL</p>  <p>Another style of terminal designed to lessen installation time. If properly installed, it is more secure than spade or block spade, but can come off if stud becomes loose. Available in 12-10 AWG wire sizes only. Insulated and non-insulated.</p>	<p>PARALLEL</p>  <p>Designed for splicing or connecting wires together rather than termination, inserted wires overlap, only one central crimp is required. Especially useful when solid and stranded wires must be joined. Insulated and non-insulated. Available in 26 AWG through 3/0 AWG wire sizes.</p>
<p>BUTT CONNECTOR</p>  <p>For splicing or connecting wires together. Wires are inserted from either end and butt against a built-in wire stop. Butt connector is crimped in two places; one crimp for each wire. Available in 22 AWG through 1/0 AWG wire sizes. Insulated and non-insulated.</p>	<p>HIGH TEMPERATURE BUTT CONNECTOR</p>  <p>Offered only in the 22-10 wire size for high temperature applications, butt connectors are available with maximum operating temperature ratings of either 650° F or 900° F. Non-Insulated only.</p>	<p>WINDOW BUTT CONNECTOR</p>  <p>Same application as regular butt connector, but portion above built-in wire stop is cut away providing inspection window. See-through Nylon is used for insulated window butt connectors. Insulated and non-insulated. Available in 26 through 10 AWG wire sizes.</p>	<p>SEAMLESS BUTT CONNECTOR</p>  <p>Same application as a regular butt connector and is made from tubular stock. Available in 22 AWG through 10 AWG wire sizes. Insulated and non-insulated.</p>
<p>STEP-DOWN BUTT CONNECTOR</p>  <p>Used for joining unlike wire sizes together. Each end of the butt connector accepts a different wire range, but one tool crimps both ends. Available in four wire range combinations from 22 AWG through 10 AWG wire sizes. Insulated and non-insulated.</p>	<p>PIGTAIL CONNECTOR</p>  <p>Can be used as splice, wire butt, parallel or dead-end cap. Each size has given set of wire combinations it will accept. Single crimp provides reliable connection. Pigtail cannot "back off" the wires as screw-on type connector can. Insulated only. Available in 22 AWG through 8 AWG wire sizes.</p>	<p>MALE AND FEMALE SLIP-ON TERMINALS</p>  <p>Not attached by use of a stud, instead tongue of female part slips on mating male part or tab. Provides quick and easy disconnection of wires. Slip-On terminals have excellent holding force due to detents and rolled edges on tongue of female. Available in 22 AWG through 10 AWG sizes. Insulated and non-insulated.</p>	
<p>HIGH TEMPERATURE MALE AND FEMALE SLIP-ON TERMINALS</p>  <p>For high temperature applications; maximum operating temperature for these terminals is either 650° F or 900° F. Non-insulated only. Available in 22/18 AWG and 16/14 AWG wire sizes.</p>	<p>(FISO) FULLY INSULATED SLIP-ON</p>  <p>Same application as slip-ons, but terminal is fully encased in insulating material. Eliminates time-consuming and expensive post insulation procedures. No fear of shorting or flashover. Available in 22 AWG through 10 AWG wire sizes. Insulated only.</p>	<p>MALE AND FEMALE NYLON COUPLERS</p>  <p>Female housing fits entirely inside male to form fully insulated in-line splice. Molded nylon parts let you break and re-connect circuit without disturbing insulation. Eliminates shorting and flashover. Available in 22-18, 16-14 and 12-10 AWG wire sizes. Insulated only.</p>	
<p>FLAG SLIP-ON TERMINALS</p>  <p>Right angle parts provide advantage of slip-on terminal while giving design and packaging flexibility where space is a limitation. Available in 22 AWG through 10 AWG wire sizes. Insulated and non-Insulated.</p>	<p>PLUGS AND RECEPTACLES</p>  <p>Advantages similar to slip-on terminal. Provides reliable in-line connection. Parts are made to close tolerances to produce holding friction when parts are mated. Insulated and non-insulated. Available in 22AWG through 14AWG wire sizes.</p>		
<p>KNIFE DISCONNECT</p>  <p>Always used in pairs, tongue is shaped so two like parts are locked together. Used as connectors or splices; has advantage of quick disconnect. Plus, the harder the pull, the tighter the connection. Available in 22 AWG through 10 AWG wire sizes. Insulated and non-insulated.</p>	<p>MALE TAB</p>  <p>Used in same manner as male slip-on; differs from straight tab since it does not have a barrel. Has mounting hole for rivet or screw. Available in straight, bent or right angle form. Available up to 12 pairs per part. Non-insulated only. .032" x .250" size.</p>		
<p>STRAIGHT TAB</p>  <p>Straight tab has a mounting hole for rivet or screw. Insulated and non-insulated. Available in 16/14 AWG wire size only.</p>	<p>WIRE PINS</p>  <p>Designed for installation in compression blocks Commonly used in Europe and for terminating stranded wire. Available in 22 AWG through 10 AWG wire sizes. Insulated and non-insulated</p>	<p>3 AND 4 WAY CONNECTORS</p>  <p>Three or four ring terminals tightly riveted together through the stud hole. Remaining stud hole diameter .160"/4.06mm. Provides multiple wire connection. Insulated and non-insulated. Available in 22 AWG through 10 AWG wire sizes.</p>	