

Cam-Lok™ 45° Receptacles

The industry standard for reliable, single pole connectivity under the most severe operating conditions.

Applications:

Cam-Lok™ plugs and receptacles are the original cam-style single pole connectivity solution for motors, generators, indoor and outdoor lighting distribution panels, stand-by power and other industrial power applications.

Our new 45° receptacles greatly reduce cable strain on the point of connection and the insulator, eliminating the need for angled enclosures.

Certifications and Compliances:

- cULus to UL498, file number E67181
- NEMA 3R
- UL1604

Technical Specifications:

- Cable Size: #6 AWG – 250 MCM
- Temperature Rating: -40° C to 105° C
- 600V AC/DC
- Up to 400A Continuous

Standard Materials:

- Body – Thermoplastic Elastomer (TPE)
- Conductors – Brass

Features and Benefits:

- Double cam principle provides a positive, vibration-proof connection
- Watertight elastomeric body molded from colorfast material, color-coded for easy phase identification
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electro-mechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Receptacles are safety insulated for direct mounting to steel panels



Cam-Lok™ devices replace expensive and bulky multi-conductor cables allowing the use of lighter, single-conductor cables rated at higher amperages.

Heavy Industrial



Amusement Parks and Fairs



Concerts and Events



Ordering Information:

Catalog Number	Color	Description
E1016-1700S45	Black	Male DSS
E1016-1701S45	Yellow	Male DSS
E1016-1702S45	Red	Male DSS
E1016-1703S45	Orange	Male DSS
E1016-1704S45	Green	Male DSS
E1016-1705S45	White	Male DSS
E1016-1706S45	Blue	Male DSS
E1016-1707S45	Brown	Male DSS
E1016-1797S45	Gray	Male DSS
E1016-1725S45	Black	Female DSS
E1016-1726S45	Yellow	Female DSS
E1016-1727S45	Red	Female DSS
E1016-1728S45	Orange	Female DSS
E1016-1729S45	Green	Female DSS
E1016-1730S45	White	Female DSS
E1016-1731S45	Blue	Female DSS
E1016-1732S45	Brown	Female DSS
E1016-1798S45	Gray	Female DSS
E1016-1600S45	Black	Male Threaded Stud
E1016-1601S45	Yellow	Male Threaded Stud
E1016-1602S45	Red	Male Threaded Stud
E1016-1603S45	Orange	Male Threaded Stud
E1016-1604S45	Green	Male Threaded Stud
E1016-1605S45	White	Male Threaded Stud
E1016-1612S45	Blue	Male Threaded Stud
E1016-1619S45	Brown	Male Threaded Stud
E1016-1808S45	Gray	Male Threaded Stud
E1016-1631S45	Black	Female Threaded Stud
E1016-1632S45	Yellow	Female Threaded Stud
E1016-1633S45	Red	Female Threaded Stud
E1016-1634S45	Orange	Female Threaded Stud
E1016-1635S45	Green	Female Threaded Stud
E1016-1636S45	White	Female Threaded Stud
E1016-1643S45	Blue	Female Threaded Stud
E1016-1687S45	Brown	Female Threaded Stud
E1016-1809S45	Gray	Female Threaded Stud

