

# Molex Disconnection System


## SPECIFICATION & STANDARDS

Cable Connectors to be manufactured to BSEN60309 & EN12767:2007.  
 IP68 Water ingress rating, IEC529 Dust Ingress rating, IEC60068-2-1Ab Dry Cold,  
 IEC 60068-2-14 Thermal Shock, IEC 60068-2-3Db Damp Heat, IEC 60512-11-6 Salt Spray,  
 IEC60068-2-6 Vibration / Mechanical shock, EIA-364-23 C  
 Contact Resistance, EIA-364-20D Dielectric strength.

## RATING CHART

Current	See chart above
Voltage	200/250V AC
Operating Temperature Range	-20 C to +80 C
Storage Temperature Range	-40 C to +85 C
Storage Humidity Range	+15% to +70% RH

## CIRCUIT LAYOUTS

3 PIN	4 PIN	5 PIN	6 PIN	16 PIN
				
AWG 12/13 Amps	AWG 12/10 Amps	AWG 12/8 Amps	AWG 12/8 Amps	AWG 16/3 Amps
BSEN 60309-1 Series 2, 13 Amps	BSEN 60309-1 Series 2, 10 Amps	BSEN 60309-1 Series 2, 10 Amps	BSEN 60309-1 Series 2, 8 Amps	BSEN 60309-1 Series 2, 3 Amps

Note: Higher power applications options are available for the 3, 4, 5, & 6 Circuit variants

