

SUGGESTED SPECIFICATION

For

911 Remote Control Switches

1. The remote control switches shall be of the single coil, electrically operated, mechanically held type. The main contacts shall be power driven to both the open and closed positions. Operating mechanisms which are affected by gravity, dependent on semi – permanent magnets, or which incorporate dual coil arrangements are not acceptable.
2. All main contacts shall be the silver alloy wiping action type. They shall be protected by arcing contacts in sizes above 400 amps. They shall be of the blow – on configuration and of segmented or brush construction in sizes above 400 amps.
3. All replaceable contacts, coils, springs, and control elements shall be conveniently removable from the front of the remote control switch without major disassembly or disconnection of power conductors.
4. Remote control switches utilizing circuit breakers or components of circuit breakers, contactors, or parts thereof, which have not been intended for continuous duty or repetitive load switching, are not acceptable.
5. The remote control switches shall be rated in amps for a total system load including control of motors, ballast lighting (electric discharge lamps), resistive and tungsten – filament lamp loads.
6. Remote control switches rated 400 amps and less shall be suitable for 100% tungsten – filament lamp load. Switches rated above 400 amps shall be suitable for no less than 30% tungsten – filament lamp load, and shall have an interrupting capacity of 600% of rated current at 0.4 to 0.5 power factor at 480 VAC
7. The remote control switches shall be UL listed for the following short – circuit withstand ratings when coordinated with a UL – listed molded case circuit breakers @ 480V (time based rating)
 - 100 – 225 Amperes – 10,000
 - 260 – 600 Amperes – 42,000
 - 800 – 1200 Amperes – 50,000
8. The remote control switches shall be UL listed and shall be ASCO 911