

Quik-Spec™ family of circuit protection solutions

**BUSSMANN**  
SERIES

# Specification made simple for selective coordination in a compact size



**EATON**

*Powering Business Worldwide*





## The Quik-Spec™ Coordination Panelboard (QSCP) simplifies selective coordination and offers more application flexibility



### Best selective coordination solution in the smallest footprint

- UL® Listed and cULus to CSA® Standard 22.2 with up to 400A mains, 200kA SCCR and 100A branches with 18, 30 and 42 branch positions.
- Ease of selective coordination using published Bussmann series fuse and Eaton circuit breaker tables.
- Same footprint as traditional circuit breaker panelboards and 40% smaller than standard fusible panelboards.
- Quik-Quote online configurator makes specifying and ordering easy, delivering a full bill of materials and submittal drawings for an entire project.
- Advance shipment of boxes available to facilitate scheduling.
- Configurable options for 600, 800 and 1200A mains and branches from 1-600A all rated 200kA SCCR at 600Vac.
- Available for 10 business day shipment with QuikShip service on all 400A and less configurations.
- See data sheets: No. 1160 (30-400A), No. 1171 (600-1200A).
- See application note No. 3148 for additional product information.



Specification is faster and easier for the power distribution products you need to achieve selective coordination, and improve electrical system safety and performance



### Flexible configurations

Choose from a full range of configurable constructions with options and a wide range of accessories to address your specific application and selective coordination requirements.

### Compact size

With innovative compact component designs, our power distribution products provide greater flexibility for equipment layout with some of the smallest footprints in the industry.



### All-in-one solution

The Quik-Spec™ Power Module™ elevator disconnect switch helps meet NEC® 620.62 selective coordination requirements with a simple build-a-code part number system that assures you get the right components with the right ratings, properly assembled.

### Enhanced safety

Integral use of Bussmann components provide superior protection and help prevent contact with live parts to reduce hazard to personnel and minimize arc flash hazard.



### QuikShip services

In stock for QuikShip Everyday Service - 4-hour turnaround on 90% of project quotes.  
QuikShip Made-To-Order Service - 4-hour turnaround on 90% of project quotes. Ensures quick turnaround times on many configured products.



# Quik-Spec Power Module switch and panels

## Easy specification to meet elevator disconnect requirements

The Bussmann Quik-Spec Power Module switches and panels offer an all-in-one solution.

- Easily meet NEC® 620.62 selective coordination, NFPA 72, 6.16.4.4, American National Standards Institute (ANSI) and American Society of Mechanical Engineers A17.1 (ASME) requirements for elevator disconnect.
- Easy to specify with the Bussmann series Quik-Spec Power Module Switch build-a-code.
- Simple to install with a completely assembled product ready for installation.
- The Power Module Panel offers significant space savings for multiple elevator control with multiple switches in a single panel.
- Available for 3 business day shipment on select Power Module switches and 10 day shipment on select Power Module panels with QuikShip service.
- See data sheets: No. 1145 (PS), No. 1146 (PMP)

Quik-Spec Power Module Panel (PMP) for multiple elevator applications.



Quik-Spec Power Module Switch (PS) for single elevator applications.



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## CUBEFuse safety switch

### Better safety and application versatility



Finger-safe components improve safety by helping to reduce accidental contact with live parts in various enclosures to meet application needs.

- Finger-safe, current-limiting CUBEFuse design provides a safer environment for personnel by helping to prevent exposure to live parts and reducing arc flash hazard levels.
- Dual interlock door helps prevent access by unauthorized personnel inside the enclosure when the system is energized.
- A visible double break, quick-make, quick-break rotary blade mechanism allows for confidence of switch ON/OFF status.
- Optional viewing window provides visual confirmation that switch contacts have operated and the ability to view optional fuse indication without opening the switch door.
- 30, 60 or 100A versions accept Class CF time-delay or fast-acting CUBEFuse available in ampacities from 1 to 100 amps to match most requirements.
- See data sheet: No. 1156.

# Selective coordination and the NEC®

Selective coordination is achieved when an overcurrent on a circuit is interrupted and only the closest upstream device opens such that only the section of the electrical system with a problem is taken offline. Selective coordination applies for the full range of overcurrents on the system and the full range of interrupting times associated with those overcurrents.

The Quik-Spec family of products provides the fusible solutions that make it simple and cost effective to selectively coordinate with upstream Bussmann series fuses or upstream Eaton circuit breakers\*.

The time-delay CUBEFuse and Low-Peak LPJ-SP fuses are easy to selectively coordinate with each other. CUBEFuses were tested to selectively coordinate with select Eaton circuit breakers used in upstream power distribution panelboards and switchboards. Simply use the published fuse to fuse, and fuse to circuit breaker tables to determine selective coordination. For the purpose of selectively coordinating a system, there is

no need to plot time-current curves or perform a short-circuit current analysis.

Selective coordination is mandatory per the NEC® for the circuit paths of some vital loads on specific systems including:

- Emergency systems: 700.28
- Legally required standby systems: 701.27
- Critical operations power systems: 708.54
- Critical operations data systems: 645.27
- Elevator circuits: 620.62
- Multi-building campus-style complexes (Fire pumps): 695.3(C)(3)

For other systems, selective coordination is a desirable design consideration. It is in the best interest of the building owner or tenants to have selectively coordinated overcurrent protective devices to avoid unnecessary blackouts.

\* Quik-Spec family products require use of Class CF CUBEFuse downstream from specified Eaton circuit breakers.

## Selective coordination\*\* is easy with the Bussmann series Low-Peak™ fuses

### 2:1 Amp ratio

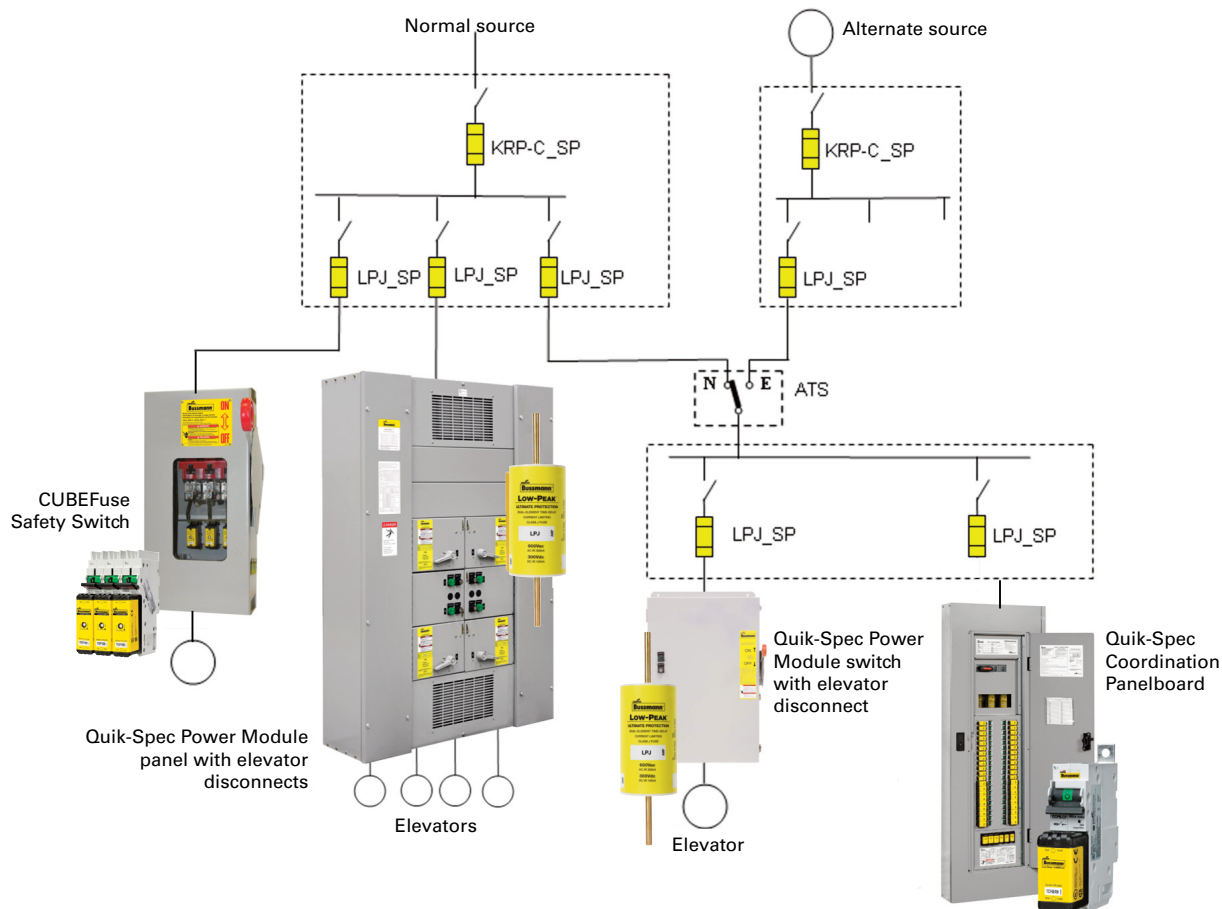
- Just keep a 2:1 upstream to downstream amp rating ratio between any Low-Peak fuse and you have selective coordination of the fuses in a circuit

\*\*For other fuse types, see published ratios in the Bussmann Division publication "Selecting Protective Devices" No. 3002 (SPD). Go to [www.cooperbussmann.com/spd](http://www.cooperbussmann.com/spd).

\*\*\*Class J performance

### Wide class and rating selections

- Low-Peak fuses are available in time-delay and fast-acting CUBEFuse\*\*\* (Class CF, 1-100A), LP-CC (Class CC, 1-30A), LPJ-SP(Class J, 1-600A), KRP-C\_SP (Class L, 601-6000A) and LPN-RK\_SP (250V Class RK1, 1/10-600A) and LPS-RK\_SP (Class RK1, 1/10-600A) with ratings up to 600Vac and interrupting ratings of 300kA (200kA for Class CC)





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