

Quik-Spec Coordination Panelboard



Selective coordination and hazardous solution for Class I, Division 2 applications



Bussmann series Quik-Spec Coordination Panelboards meet hazardous location needs with optional enclosures for Class I, Division 2 requirements.

Product description:

Eaton's Bussmann® series Quik-Spec™ Coordination Panelboard (QSCP) with 1 to 100 amp time-delay or fast-acting CUBEFuse™ closely matches loads for superior protection.

Highly configurable, the QSCP is available with ratings up to 600Vac, 125Vdc* with 1-, 2- or 3-pole branch switches and 18, 30 and 42 branch positions.

With up to 200kA Short-Circuit Current Rating (SCCR), the QSCP easily withstands high fault currents, while the current-limiting CUBEFuse helps minimize arc flash hazard.

*125 Vdc up to 80 amps.

**See application note No. 10454 for ampacity ratio tables.

Features and benefits:

- UL® Listed and cULus to CSA® Standard 22.2 address NEC® and Canadian Electrical Code (CEC) selective coordination requirements.
- Up to 400A mains, 200kA Short-Circuit Current Rating (SCCR) and 100A branches.
- Optional enclosures for the unique needs of Class I, Division 2 requirements that can meet or exceed NEC NFPA® 70, NFPA 496 and International Electrotechnical Commission (IEC) 60079-02.
- Easy to selectively coordinate in an all fused system or with tested upstream Eaton circuit breakers.**



Precise protection for load size and type is easy. QSCP utilizes time-delay (yellow label) or fast-acting (blue label) CUBEFuse that has Class J current-limiting performance in ratings from 1 to 100 amps.



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Specifications

Fuse class:

- Main switch
 - 110-400A with time-delay (LPJ_SP) or fast-acting (JKS) Class J fuses
 - 30-100A with time-delay or fast-acting Class CF CUBEFuse (Class J performance)
- Branch disconnect with time-delay or fast-acting Class CF CUBEFuse (Class J performance) 1-100A

Ratings:

- Volts
 - Up to 600Vac / 125Vdc*
- Amps
 - 30 to 400A mains
- SCCR**
 - Standard 20kA and 50kA, and high 100kA and 200kA SCCR options

Enclosures:

- Optional Class I, Division 2 for hazardous locations***

Dimensions:

- Size for Class I, Division 2 enclosures are application and specification dependant

Agency information:

- Class CTL open style panelboard
- UL Listed and cULus to CSA Standard 22.2
- UL 67— standard for panelboards
- UL 50/UL 50E — enclosures for electrical equipment
- UL Listed, Class CTL panelboard, single or double feed-through, and sub-feed through lug options
- Uniform Building Code (UBC) and California Building Code (CBC) Seismic Qualified, and IBC® approved

Other options:

- 200A fused loadside disconnect switch option†
 - Unbonded or bonded neutral 200 to 800A
 - Isolated or non-isolated ground
 - Surge protection available††
- See data sheet No. 1160 for more information.

* 125Vdc up to 80 amps.

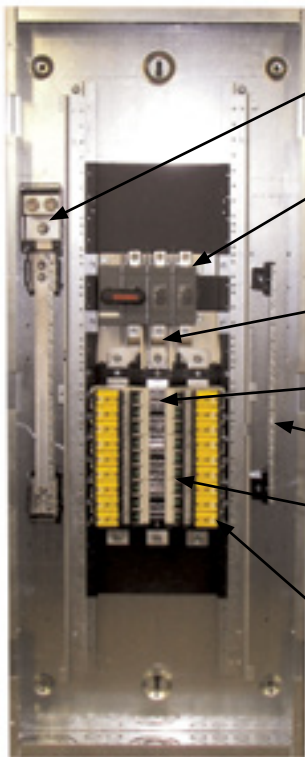
** AC panels only, see data sheet 1157 for DC ratings.

*** Consult Eaton for details and lead times.

† Not available on all configurations

†† Not available with loadside disconnect switch option.

QSCP at-a-glance



Neutral assemblies up to 800A bonded and unbonded

Main options: fused main disconnect, non-fused main disconnect or Main Lug Only (MLO)

For single-, split-phase, Delta and Wye systems

18, 30 and 42 branch circuit positions

Ground assemblies, isolated and non-isolated

Finger-safe CCPB branch disconnect switch

Up to 100A branch switches in 1-, 2- and 3-poles with ampacity breaks that coincide with standard conductor sizes

18 Branch position QSCP



Class I, Division 2 enclosures can feature a pressure regulator and pressure switch designed to meet or exceed NEC NFPA 70, NFPA 496 and IEC 60079-02 requirements.

Compact Circuit Protector Base†

- The QSCP utilizes the Compact Circuit Protector Base (CCPB) as its branch circuit disconnect switch.
- Disconnect rated to provide a means for load isolation.
- Ampacity rejections are 15, 20, 30, 40, 50, 60, 70, 90 and 100A to coincide with standard conductor sizes and help prevent overfusing.
- Fuse/switch interlock prevents removing fuse while switch is closed and circuit is energized.
- Standard local open fuse indication lamp on each pole speeds trouble shooting†.
- CCPB branch disconnect switches are horsepower rated from 120V/0.5HP to 600V/50HP when using Low-Peak™ time-delay CUBEFuses.



† See data sheet No. 1161 for full specifications and agency information.
 †† Lamp illumination requires closed circuit and 90Vac/125Vdc min.

To obtain a quote, contact your local Bussmann series product representative with your enclosure and system requirements.

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 Printed in USA
 Publication No. 3154
 December 2015

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