

Cable Limiters & Welder Limiters

K Series

Specifications

Description: Cable limiters.

Ratings:

Volts — 600Vac

IR — 200,000A RMS Sym.
@ 600Vac

Agency Information: UL

Listing: KDM, KDR, KDP and
KFM, KCM, KCM-B and KCR.

Features and Benefits

- Sizes and ratings available to meet many applications.

Typical Applications

- Protecting low voltage distribution and service entrance cables against short-circuit currents.

Catalog Numbers

Copper Cable Limiter — 600 Volts

Catalog Number	Cable Size	Catalog Number	Cable Size
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Tubular Terminals

KCY	#4	KCF	4/0
KCZ	#3	KCH	250 MCM
KCA	#2	KCJ ^{1, 2}	350 MCM
KCB	#1	KCM ^{1, 2, 3} , KCM-B ¹	500 MCM
KCC	1/0	KCV	600 MCM
KCD ^{1, 2}	2/0	KCR ^{1, 2}	750 MCM
KCE	3/0	KCS	1000 MCM

Tubular Terminal and Offset Bolt-Type Terminal

KQV	#12	KDD ¹	2/0
KQT	#10	KDE	3/0
KFZ	#8	KDF	4/0
KIG	#6	KDH	250 MCM
KDY	#4	KDJ ^{1, 2}	350 MCM
KDA	#2	KDM ^{1, 2, 3}	500 MCM
KDB	#1	KDU	600 MCM
KDC	1/0	KDR ^{1, 2}	750 MCM

Compression Connector Rod and Tubular Terminals

KEX	4/0	KQO	350 MCM
KFH-A	250 MCM	KDT ¹	500 MCM

*Center Bolt-Type Terminal and Off-Set Bolt-Type Terminal

KPF	4/0	KDP ¹	500 MCM
KFT ¹	250 MCM	KFM ¹	750 MCM
KEW ¹	350 MCM		

²Copper or aluminum cable; sizes of all other limiters pertain to copper only.

¹UL Listed (File E90818).

³Available with shrink tube "V" suffix.

¹Available with molded rubber boots. Add "-B" to end of part number.

Accessories

Boots can be purchased separately.

For KCM Boot-KCM

For KDM Boot-KDM

Installation tools can be purchased separately from Thomas and Betts

• Crimp Tool: TBM-14M

• Die: 15506 KDM/15515 KDR

64000 & 68000 Series

Specifications

Description: Welder limiters.

Ratings:

Volts — 600Vac (or less)

IR — 200,000A RMS Sym.

Features and Benefits

- Current-limiting devices designed specially for use on welder circuits only
- Time-current characteristics are designed to hold on the intermittent overloading encountered in welder operation, while providing short-circuit protection to the circuit and equipment
- Welder limiters have excess current capacity in the operating range as needed for this type of service

Typical Applications

- Welder circuits
- Because welder limiters have special characteristics, they are not intended for application on general-use circuits

Catalog Numbers

Catalog Numbers	Fuse Holder Type	Nominal Amp Rating
68150	Class H	150
68200	Class H	200
68300	Class H	300
68400	Class H	400
68600	Class H	600
64200	Class J	200
64300	Class J	300
64400	Class J	400
64600	Class J	600

Recommended Fuse Blocks For 68000 & 64000 Series limiters

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