

# Type K fuse links

## Application

The fast characteristics of Type K fuse links were established by ANSI/NEMA to provide fuse links that would meet existing coordination schemes.

Chance Type fuse links are designed to carry 150% of their rated current without damage to the fuse link itself or the cutout in which it is installed. This capacity is for special loading situations, such as short-time overloads and cold load pick-up.

## Buttonheads and lengths

Conforming to all applicable ANSI/NEMA specifications, Chance Type K links are available with a removable or solid buttonhead.

**Note:** Catalog Numbers shown are 23" overall length; also available in 26" length.

For 26": \*Solid head K or T links, change the last two digits from 23 to 26.

†Removable head K or T links, drop the last two digits.

## Materials used

The fusible section of the 1 through 3 ampere Type K links consist of a stainless-steel fuse strain wire; the 6 through 10 ampere, stainless-steel strain wire and a copper-alloy fuse wire; 12 through 100 amperes, a stainless steel strain wire and a silver-copper fuse wire; 140 and 200 ampere, a silver-copper fuse wire large enough to serve as both strain and fuse wire.

Amps	Catalog Number	
	*Solid head	†Removable head
1	M1K23	M1KA23
2	M2K23	M2KA23
3	M3K23	M3KA23
6	M6K23	M6KA23
8	M8K23	M8KA23
10	M10K23	M10KA23
12	M12K23	M12KA23
15	M15K23	M15KA23
20	M20K23	M20KA23
25	M25K23	M25KA23
30	M30K23	M30KA23
40	M40K23	M40KA23
50	M50K23	M50KA23
65	M65K23	M65KA23
80	M80K23	M80KA23
100	M100K23	M100KA23
140	M140K23	M140KA23
200	M200K23	M200KA23

# ~~Twin Pigtail Type K and T fuse links~~

~~The twin pigtail fuse link is convenient to work with and easier to install in the cutout than conventional single pigtail fuse links. The pigtails attach under the clamp with one on each side of the attachment stud.~~

~~\*Catalog Numbers shown are 23" in overall length; for 26", see Note above.~~

# ~~Type T fuse links~~

## ~~Application~~

~~Chance Type T fuse links provide slower time-current characteristics than the Type K links. Type T links coordinate particularly well with automatic oil-circuit reclosers.~~

~~Chance Type T links are designed to carry 150% of their rated current without damage to the fuse link itself or the cutout in which it is installed. This capacity is for special loading situations, such as, short-time overloads, and cold-load pick-up.~~

## ~~Fuse elements~~

~~1 through 3 ampere Type T fuse links employ a fusing section consisting of a stainless steel wire serving as both strain and fuse wire; 6 through 100 ampere, a stainless-steel strain wire and~~

~~a pure tin fuse wire in parallel. 140 and 200 ampere T links have a copper element mechanically crimped at one end, soldered at the other end. On overloads or low faults, the solder becomes a fluid and the link separates; on higher fault currents, the link separates when the copper wire melts.~~

## ~~Buttonheads and lengths~~

~~Chance Type T fuse links meet all applicable ANSI/NEMA specifications. They are available with a removable or solid buttonhead.~~

~~\*Catalog Numbers shown are 23" in overall length; for 26", see Note above.~~

## Twin Pigtail fuse links

Type	Amps	*Solid head	†Removable head
K	200	M200K23T	M200KA23T
T	200	M200T23T	M200TA23T
K	140	M140K23T	M140KA23T
T	140	M140T23T	M140TA23T

Amps	Catalog Number	
	*Solid head	†Removable head
1	M1T23	M1TA23
2	M2T23	M2TA23
3	M3T23	M3TA23
6	M6T23	M6TA23
8	M8T23	M8TA23
10	M10T23	M10TA23
12	M12T23	M12TA23
15	M15T23	M15TA23
20	M20T23	M20TA23
25	M25T23	M25TA23
30	M30T23	M30TA23
40	M40T23	M40TA23
50	M50T23	M50TA23
65	M65T23	M65TA23
80	M80T23	M80TA23
100	M100T23	M100TA23
140	M140T23	M140TA23
200	M200T23	M200TA23

# ~~Type MS fuse links~~ (Equivalent to Kearney Type KS)

## ~~Application data~~

~~Chance Type MS fuse links have very slow time-current characteristics. In applications where ANSI/NEMA Type T fuse link characteristics are too fast, the slower characteristics of Type MS can often be utilized.~~

## ~~Fuse-section operation~~

~~The fuse element of Chance Type MS fuse links is composed of two copper or copper-alloy wires joined by a solder junction. During heavy overloads or low fault currents, the heat generated by the two wires melts the solder, causing fuse operation. Operation under medium or heavy fault current occurs as one of the two wires melt.~~

## ~~Buttonhead and lengths~~

~~The Type MS link is available with only a removable buttonhead.~~

~~\*Note: Catalog Numbers shown are 23" overall length; also available in 26" length.~~

~~†For 26", drop the last two digits.~~

Amps	*Catalog Number
	Removable head
3	M3MSA23
5	M5MSA23
7	M7MSA23
10	M10MSA23
15	M15MSA23
20	M20MSA23
25	M25MSA23
30	M30MSA23
40	M40MSA23
50	M50MSA23
65	M65MSA23
80	M80MSA23
100	M100MSA23
125	M125MSA23
150	M150MSA23
200	M200MSA23