

# Cable and Power Supplies



## EXPULSION FUSE LINKS

The expulsion fuse links manufactured by Cable and Power Supplies are specifically designed to protect electrical distribution systems and equipment against overcurrents.

All fuse links are manufactured in accordance with the latest specifications and are designed to prevent deterioration due to aging when installed in systems over a long period of time.

### SPECIFICATIONS

IEC 282 Part 2  
ANSI C37 - 42  
EEI-NEMA SG-2

### TYPE H FUSE LINKS

The type H fuse links contain a 2 part fusible element with the first part which operates like a conventional fast fuse link and the second part comprising of a slow element to prevent operation during short-time transient current surges associated with motor starting and lightning.

### TYPE K AND T

The type K and T fuse links of the same amperage rating have the same overload characteristics due to the identical 300 and/or 600 seconds points on the time current characteristics curves. At high currents the type K fuse links operates faster than the same rating type T element.

The melting current ratio at 0.1 second and 300 seconds for ratings up to 100 A and 600 seconds for fuses above 100 A is the difference between the type K and T fuse links.

The type K fast blowing characteristics fuses have speed ratios between 6 and 8.1 and the type T slow blowing characteristics fuses speed ratios between 10 and 13.

The fuse link assembly is standard for all voltage ratings with the exception that the length of the tail is varied to suit the system voltage.

FUSE LINK FIXED BUTTON HEAD 11/15 KV

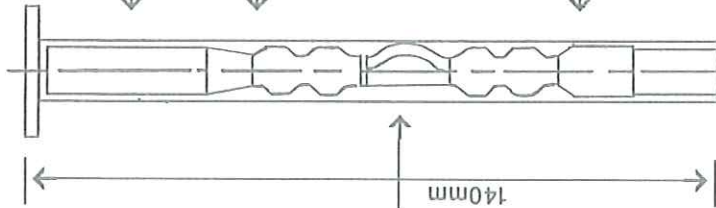
RATED CURRENT (A)	CATALOGUE NUMBER		
	TYPE H	TYPE K	TYPE T
1	FL8H1	FL8K1	FL8T1
2	FL8H2	FL8K2	FL8T2
3	FL8H3	FL8K3	FL8T3
5	FL8H5	FL8K5	FL8T5
6		FL8K6	FL8T6
8		FL8K8	FL8T8
10		FL8K10	FL8T10
12		FL8K12	FL8T12
15		FL8K15	FL8T15
20		FL8K20	FL8T20
25		FL8K25	FL8T25
30		FL8K30	FL8T30
40		FL8K40	FL8T40
50		FL8K50	FL8T50
65		FL8K65	FL8T65
80		FL8K80	FL8T80
100		FL8K100	FL8T100
140		FL8K140	FL8T140
200		FL8K200	FL8T200

NOTE: For 33KV use Code FL16 for Fuse Reference No.

: For Removable Button Head add "R" after the Amp Rating i.e. FL8K10R.

: Add S for the Double Tail Type.

↳ BUTTON HEAD 19mmØ x 2,9mm



↳ FENOLITE TUBE 10mmØ

↳ FUSE ELEMENT

↳ COPPER SLEEVE

↳ STRANDED COPPER CONDUCTOR  
Sized according to current rating

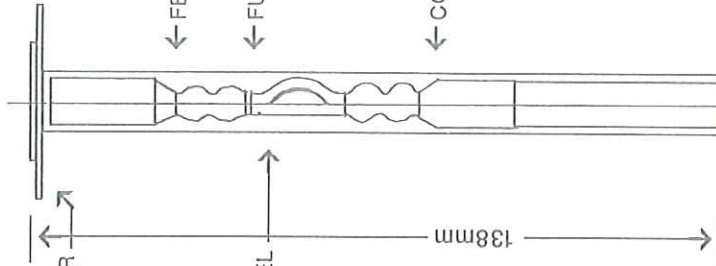
65A	8mm <sup>2</sup>
80A - 100A	13mm <sup>2</sup>

TOTAL LENGTH ACCORDING TO CAT. NO  
FL 8 - 600mm  
FL 16 - 800mm

## FIXED BUTTON HEAD ASSEMBLY

65 Amp - 100 Amp

↳ BUTTON HEAD 12,7mmØ x 1,4mm



19mm WASHER x 1,2mm

↳ FENOLITE TUBE 8mmØ

↳ FUSE ELEMENT

↳ COPPER SLEEVE

↳ STRANDED COPPER CONDUCTOR  
Sized according to current rating

1 - 25A	2,2mm <sup>2</sup>
30 - 40A	3,4mm <sup>2</sup>
50A	5,3mm <sup>2</sup>

TOTAL LENGTH ACCORDING TO CAT. NO  
FL 8 - 600mm  
FL 16 - 800mm

## FIXED BUTTON HEAD ASSEMBLY

1 - 50 Amp Rating