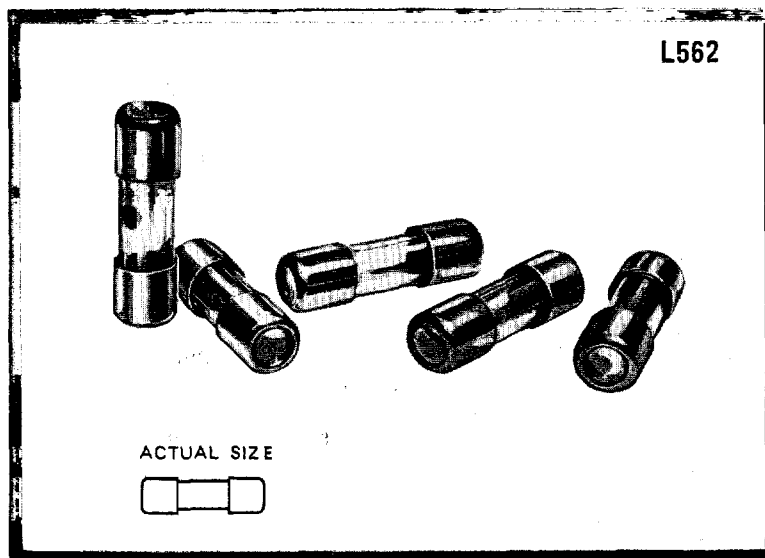


# Light Duty Fuse Links size 00



## L562 Miniature, Glass, 5/8" x 3/16" (15,9 x 4,76mm) diameter

This range of miniature fuse links was developed originally for Services' use, but has many applications in instrumentation, electronic data processing machines, printed circuitry, and all miniaturised equipment.



These fuse links have a minimum life of 1,000 hours at rated current, at 20°C. The higher ratings (250 mA and over) blow within 10 seconds at twice their rated current, lower ratings at 3 x I<sub>r</sub>.

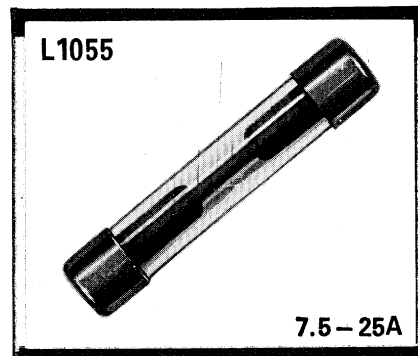
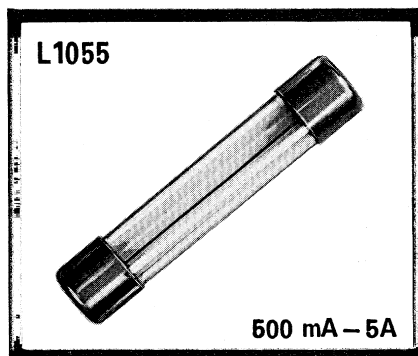
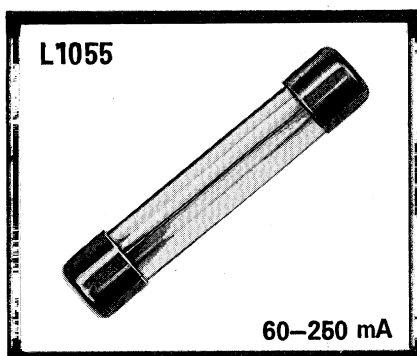
CONTINUOUS RATING (1000 Hours)	RATED VOLTAGE d.c.	COLOUR CODE
50mA	900V	Salmon Pink
100mA	900V	Dark Grey
150mA	600V	Red
250mA	600V	Dark Brown
350mA	360V	
500mA	360V	Yellow
1A	300V	Azure Blue
2.5A	150V	Yellow & Purple-brown
4A	150V	
7.0A	120V	Orange

Marking:	Rated value on cap, and colour coded body
Weight (average):	0.61g (0.02 oz)
Belling-Lee reference nos.:	L562/current rating in amp. Example: L562/050 is a 50mA fuse link
Fuseholders: (Subject to their individual ratings)	L575 panel mounting L1383 for printed circuits L1596 panel mounting



## Light Duty Fuse Links

size 0



### L 1055 Standard, Glass

1¼" x ¼" (31,8 x 6,35mm) diameter

These fuse links have a minimum life of 1,000 hours at rated current at 20°C, and blow within 10 seconds at 2 x Ir.

De-rating factor for operation at elevated temperatures:

1.75% per 10°C up to 100°C

#### Markings:

Rated value on cap  
(colour coded body if required)

#### Weight (average):

1,98g (0.07 oz)

#### Belling-Lee reference nos.:

L1055/current rating

Example: L1055/060 is a 60mA fuse link.

Continuous Rating 1000 Hours	RATED VOLTAGE To BS 2950/A		COLOUR CODE (If Required)
	d.c.	a.c.	
60mA	1000	1000	Black
100mA	1000	1000	Dark Grey
150mA	1000	1000	Red
250mA	750	1000	Dark Brown
500mA	350	750	Yellow
750mA	300	500	Green
1A	250	350	Azure Blue
1.5A	250	250	Sky Blue
2A	250	250	Dark Violet
3A	32	250	White
5A	32	250	Black & White
7.5A	32	100	Orange
10A	32	100	Light Orange & Black
12A	32	100	Lt. Orange & Dk. Grey
15A	32	50	Light Orange & Green
20A	32	32	Lt. Orange & Dk. Violet
25A	32	32	Lt. Orange & White

Fuseholders (Subject to their individual ratings):

L 510 single, open

\*L 1382 panel, sealed

\*L 670 single, closed, sealed

L 1744 panel, bayonet cap

L 1045/C3 single, closed

L 1745 single, in-line

L 1341 panel, bayonet cap

\*L 1348 panel

L 1848 panel, indicating

\*L 672 twin, closed, sealed

L 676 twin, indicating, sealed

L 1033/C4 twin, closed

L 1291 twin, semi-recessed

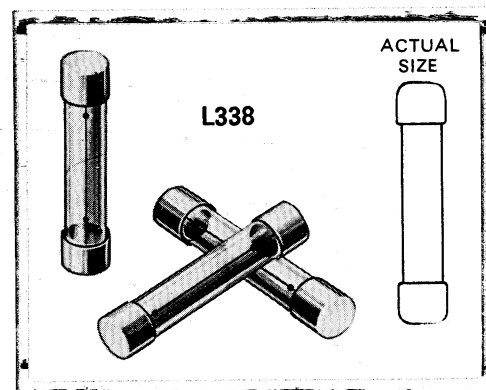
(\* Qualification approved)

### L 338 'MAG-NICKEL', delay

1¼" x ¼" (31,8 x 6,35mm) diameter

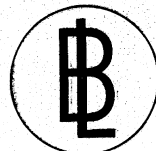
This range withstands surges of up to 15 times the rated current for a period not exceeding 0.01 second, and without shortening of normal life through embrittlement. Suitable fuseholders as for L1055.

Current ratings:	250mA, 500mA, 750mA
Life:	≤ 1,000 hours at rated current, at 20°C
Markings:	Rated value on caps, colour coded body
Weight (average):	1,41g (0.05 oz)
Belling-Lee reference nos.:	L338/L250, L338/500, L338/750



# Light & Heavy Duty Fuse Links

size 00 & 20mm x 5mm

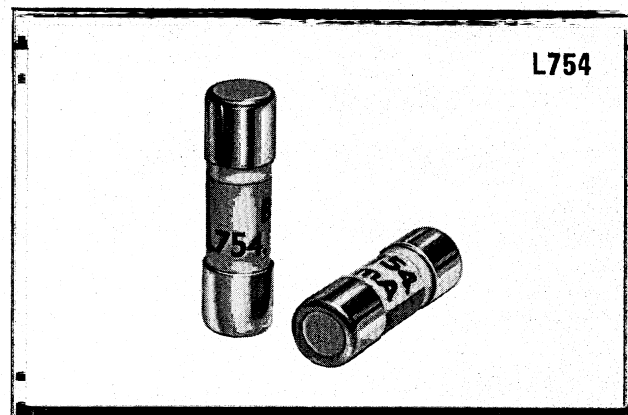


## L 754 Miniature, Ceramic 5/8" x 3/16" (15,9 x 4,76 mm) diameter

These fuse links range from 50mA to 2A and have a category of duty 250V AC2, 230V DC2 (max. prospective overload 4000A at 0.4 pf and 250V a.c.), and so may be described as high-rupturing capacity fuse links. They have a minimum life of 1000 hours at rated current at temperatures up to 25°C and at 80% of their rated current at temperatures beyond this up to 100°C. Temperature range: -60° to +100°C. Humidity classification, D.T.D. 1085-C.

**Specification:** DEF.63  
**Marking:** Body colour coded and marked with rating  
**Weight (average):** 0,85 g (0.03 oz)  
**Belling-Lee reference nos.:** L754/current rating. Example L754/050 is a 50mA fuse link.  
**Fuseholders:** \*L575 panel mounting  
 \*L675 sealed, panel mounting  
 L1383 for printed circuit mounting  
 L1596 panel mounting  
 \*Qualification Approved

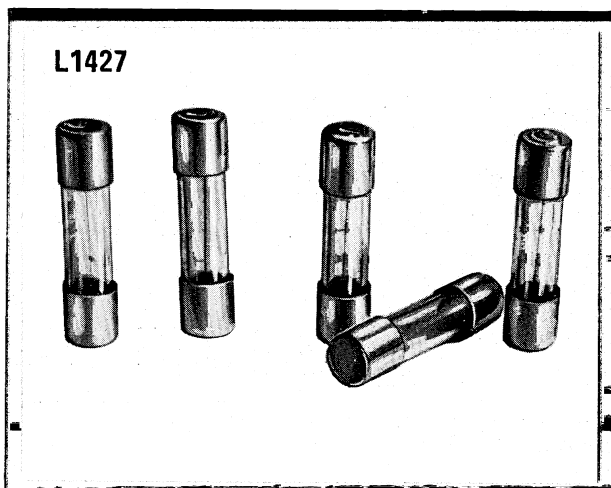
**Note:** The L754 range of fuse links has been extended downwards for instrument protection and other light duty applications, by the addition of 10, 15 and 25 mA ratings.



CONTINUOUS RATING 1000 HOURS		COLOUR CODE
NOMINAL @ 25°C	SERVICE @ 100°C	
50mA	40mA	Pink
100mA	80mA	Grey
*250mA	200mA	Brown
*500mA	400mA	Yellow
*1A	0.8A	Dark Blue
*2A	1.6A	Dark Violet

\* Qualification Approved

**COLOUR CODE** 10 mA, green and yellow  
 15 mA, red and light blue  
 25 mA, Eau-de-Nil



**Fuseholders:**  
 E6011 - miniature panel mounting  
 L1426 - for printed circuit mounting

## L1427 International, glass, 20 x 5 mm diameter

A range of quick-acting, cartridge fuse links for the protection of appliances or parts of appliances for use at a maximum ambient temperature of 35°C, a maximum relative humidity of 75% and a minimum air pressure of 860 mbar.

The blowing characteristics (pre-arcing times) are in accordance with I.E.C.127, Standard Sheet II requirements.

### Current Ratings:

1-1,25-1,6-2A      Rated voltage 250V a.c.  
 2,5-3,15-4A  
 5-6,3A      Rated voltage 150V a.c.

### Breaking Capacity:

35A a.c. or 10 x Ir (whichever is greater at 0.8 power factor).

### Marking:

Current and voltage rating on cap.

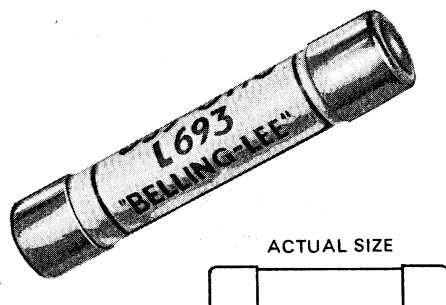
### Belling-Lee reference nos.:

L1427/current rating in amp.

Example: L1427/1 is a 1A fuse link.

# Heavy Duty Fuse Links size 0

L693



CONTINUOUS RATING 1000 HOURS		COLOUR CODE
Nominal @ 25°C	Services @ 100°C	
250mA	200mA	Brown
500mA	400mA	Yellow
1A	800mA	Azure Blue
2A	1.6A	Violet
3A	2.4A	White
5A	4.0A	Black & White
7A	5.6A	Orange
10A	8.0A	Black & Orange

Standard Ceramic, 1 1/4" x 1/4" (31,8 x 6,35mm) diameter

Approved by Joint Services, ARB, Central Electricity Generating Board, and Lloyd's Register of Shipping.

These fuse links have a category of duty 440V AC4, 230V DC4 (max. prospective overload 33,000A at 0.3 pf and 440V a.c.). They have a minimum life of 1,000 hours at rated current at temperatures up to 25°C and at 80% of their rated current at temperatures beyond this up to 100°C. Temperature range, -60° to +100°C. Humidity classification, D.T.D. 1085-C.

Specification:

DEF.63

Marking:

Rated value, on cap; body colour coded and marked with rating, and Joint Service Catalogue number.

Weight (average):

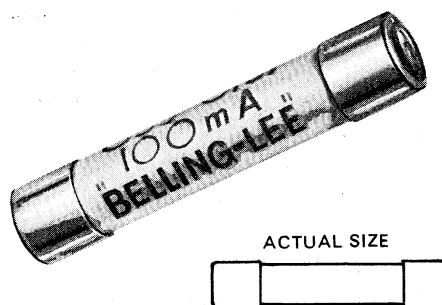
2,6 g (0.09 oz)

Belling-Lee reference nos.:

L693/rating. Example: L693/250 is a 250mA fuse link.

For suitable fuseholders, see below.

L760



In these fuse links, which extend the range of heavy duty fuse links down to 60mA, the ceramic bodies are not filled with silica since this is unnecessary on account of the smaller material content and rating of the elements.

Category of duty, 250V AC2, 230V DC2 (max. prospective overload 4,000A at 0.4 pf and 250V a.c.).

Specification:	DEF.63
Current Ratings & Colours:	60mA (black), 100mA (dark grey), 150mA (red).
Blowing Time:	Within 10 seconds at 2 x Ir
Life:	As L693 series (above)
Weight (average):	2,2 g (0.07 oz)

Fuseholders (Subject to their individual ratings):-

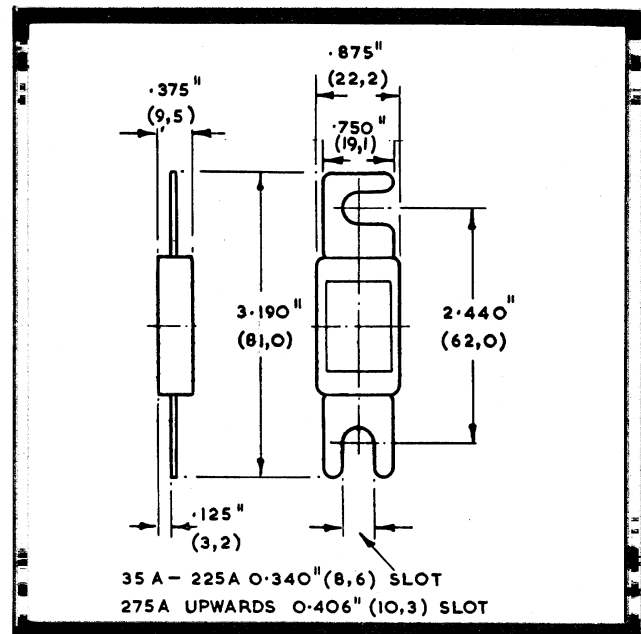
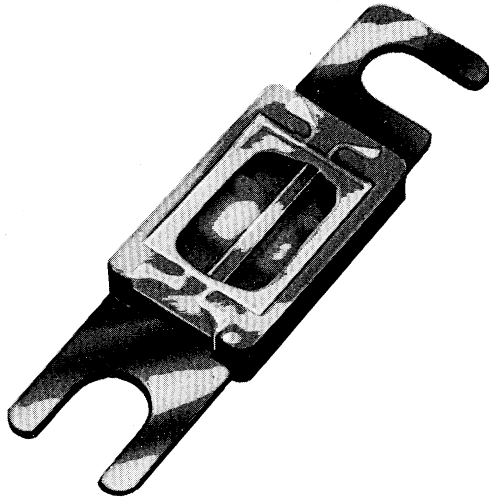
L 510	single, open	L 1745	single, in-line
* L 670	single, closed, sealed	L 1848	panel, indicating
L 1045/C3	single, closed	* L 672	twin, closed, sealed
L 1341	panel, bayonet cap	L 676	twin, indicating, sealed
* L 1348	panel	L 1033/C4	twin, closed
* L 1382	panel, sealed	L 1291	twin, semi-recessed
L 1744	panel, bayonet cap		(* Qualification approved)

Belling-Lee reference nos.: L760/rating in Amp. Example: L760/060 is a 60mA fuse link.

# Heavy Duty 'Air-Fuse'



**L 1330**



**DIMENSIONS:** Cut-outs minima, normal tolerance  $\pm 0.005$ ".  
Overall sizes and fixing centres nominal.  
Figures in brackets are approx. mm equivalents.

## L 1330 "Airfuse"

The "Airfuse" is the British equivalent of the Burndy "Current Limiter" used in 28 V.d.c. aircraft power supply circuits. Needing no holder, the "Airfuse" commends itself to the aircraft industry by its saving in weight, and has Air Registration Board Approval. It has numerous other applications, such as the

protection of battery driven vehicles, heavy current rectifiers, and low voltage furnaces, etcetera.

The "Airfuse" is an unfilled fuse link in a ceramic housing, with a transparent window for inspection. Heavy duty terminal lugs are fitted. There are eleven standard ratings from 35A to 500A.

<b>Specification:</b>	B.S. G176, parts 1 and 4
<b>Current Ratings: (In Amps):</b>	35, 50, 80, 100, 130, 150, 200, 225, 275, 325, 500A
<b>Max. Prospective Overload:</b>	35A-2,500A, remainder 3,000A, at 30V d.c.
<b>Life:</b>	>1,000 hours at rated current, at 20°C
<b>Temperature Range:</b>	-65° to +70°C
<b>Humidity</b>	Class H,
<b>Altitude:</b>	60,000ft (18000m)
<b>Acceleration:</b>	B.S. G100, grade 3 Class A
<b>Vibration:</b>	B.S. G100, for grade 2 and 3 equipment
<b>Materials:</b>	Body, ceramic. Window, glass, Element, tinned Copper.
<b>Weight (average):</b>	18.7-29.8g (0.66-1.05 oz) according to rating
<b>Marking:</b>	Rating printed on the window, and stamped on lug.

Belling-Lee reference nos.: L1330/Current rating. Example: L1330/30