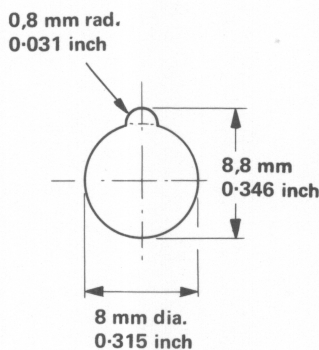
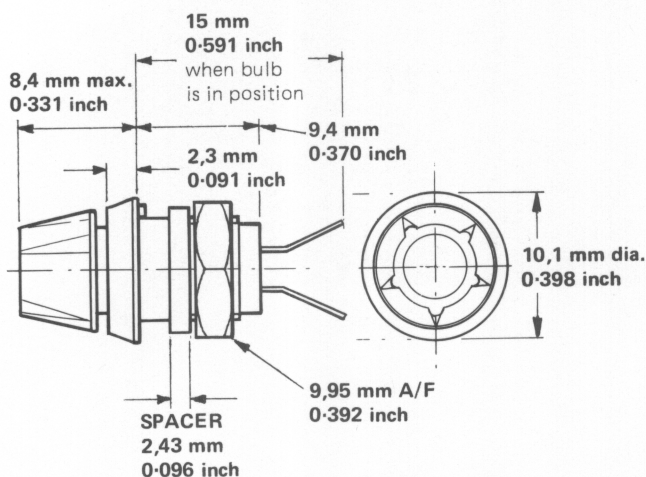
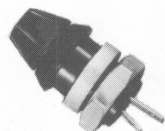


## L1901 Sub-miniature lampholder

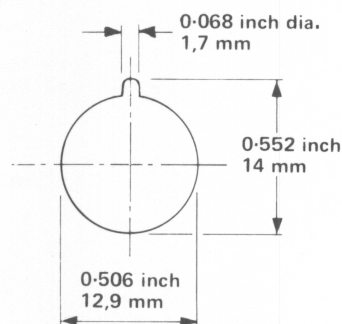
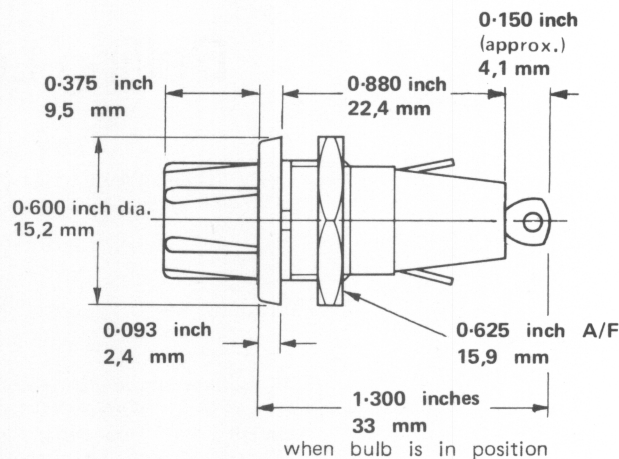
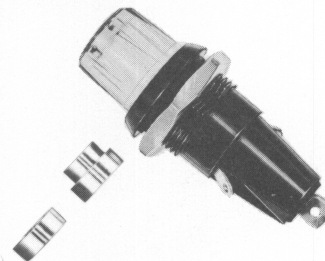


Panel cut-out

A fully insulated, panel mounting, sub-miniature lampholder of metric design for 3 mm tubular flange cap lamps. The lens is available with a choice of 5 colours (see below), and unscrews for lamp replacement. It is supplied with spacer which enables it to be used on very thin panels, if required

<b>Lamp style:</b>	3 mm tubular (T - 1), with flange cap type S3s
<b>Power rating:</b>	≤ 0.75 Watt (temperature rise < 40 °C)
<b>Lens colours:</b>	Amber, blue, clear, green or red
<b>Panel thickness (maximum):</b>	6 mm 0.23 inch
<b>Fixing torque:</b>	0.4 N m 3.5 lbf inch
<b>Temperature range:</b>	-40 °C to +70 °C (Ambient)
<b>humidity</b>	21 days (BS 2011) (part 2, damp heat, long term)
<b>Insulation resistance:</b>	≥ 10 <sup>3</sup> megohms
<b>Voltage breakdown (to panel)</b>	≥ 3 kV at 50 Hz
<b>Materials:</b>	Mouldings — polycarbonate Contacts — brass, silver-plated
<b>Weight (average):</b>	1.9 g 0.07 oz
<b>Belling-Lee reference number:</b>	L1901/Colour of lens

## L1896A Low voltage lampholder



Panel cut-out

This miniature indicator fitting has been designed to match the styling of fuseholders L1596B, E6011B and neon light L1897 shown elsewhere in the green section. It requires the same size panel cut-out and has a single fixing nut. A locating spigot on the underside of the rim prevents rotation.

The bulb is easily removed from the front of the panel after unscrewing the lens.

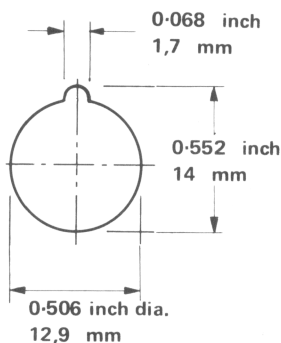
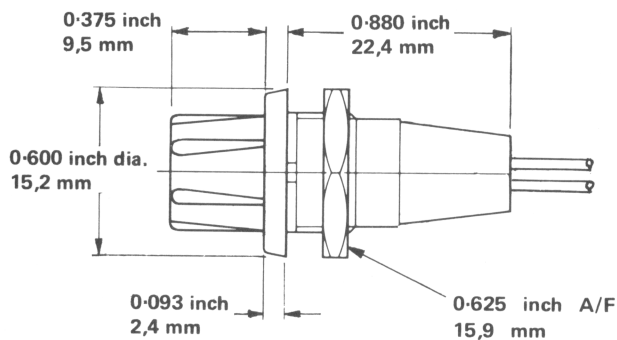
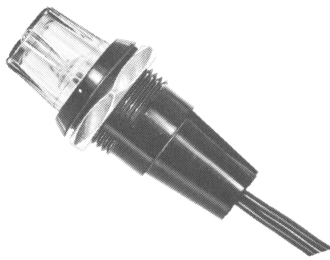
The lens is available in a choice of 5 colours.

L1896A uses 5 mm tubular L.E.S. lamps (cap E5/8) or 6 mm tubular midget flange lamps (S6s8), covering a range of voltage ratings and filament life requirements.

Mounting rings for both lamps are included.

<b>Power rating (lamp):</b>	≤ 1 W (temperature rise ≤ 40 °C)
<b>Voltage proof:</b>	2 kV at 50 Hz
<b>Insulation resistance:</b>	> 100 megohms
<b>Temperature range:</b>	-40 °C to +60 °C (Ambient)
<b>Panel thickness (maximum):</b>	0.141 inch 3.6 mm
<b>Fixing torque (maximum):</b>	0.68 N m 6 lbf inch
<b>Lens colours:</b>	Amber, blue, clear, green or red
<b>Materials and finish:</b>	Body moulding — phenolic resin Lens — polycarbonate Contacts — silver-plated
<b>Lamp style:</b>	T1½ 5 mm tubular L.E.S. (cap E5/8) and T1½ 6 mm tubular midget flange lamp (S6s8).
<b>Weight (average):</b>	4.7 g 0.17 oz
<b>Belling-Lee reference number:</b>	L1896A/Colour of lens Example: L1896A/red

## L1897/240 Neon indicator light



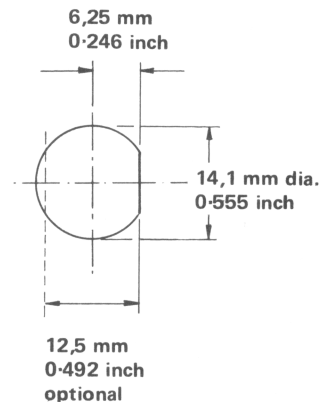
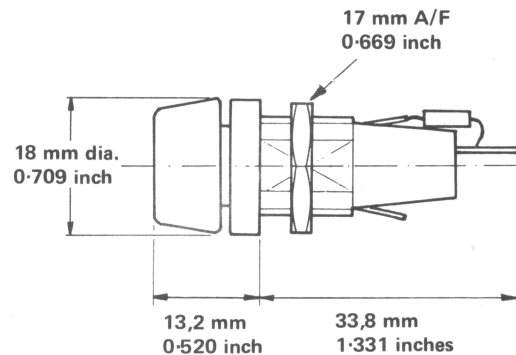
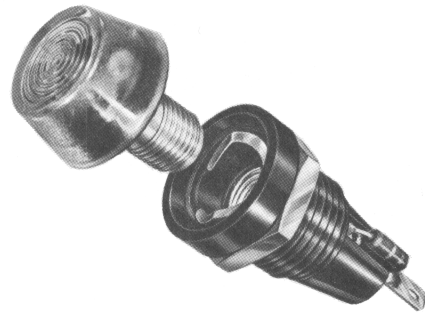
Panel cut-out

Styled to match the L1896A miniature lampholder and L1596B and E6011B fuseholders.

Complete with neon lamp and resistor for instant connection. Attractive in appearance and economically priced.

<b>Voltage range:</b>	200 V to 250 V a.c./d.c.
<b>Breakdown voltage:</b>	> 8 kV d.c. (leads to chassis)
<b>Insulation resistance:</b>	> 100 megohms (leads to chassis)
<b>Temperature range:</b>	-55 °C to +60 °C (Ambient)
<b>Panel thickness (maximum):</b>	0.141 inch 3,6 mm
<b>Fixing torque (maximum):</b>	0,68 N m 6 lbf inch
<b>Length of wires:</b>	8.75 inches 222,3 mm
<b>Materials:</b>	Body moulding — phenolic resin Lens — polycarbonate
<b>Lens colours:</b>	Amber, clear, or red.
<b>Weight (average):</b>	5,2g 0.18 oz
<b>Belling-Lee reference number:</b>	L1897/240/colour of lens Example: L1897/240/Red

## L2009 Panel fuseholder, indicating 20 x 5 mm



Panel cut-out

A miniature panel fuseholder for 20 x 5 mm fuse links. The fuse carrier (cap) houses a neon lamp which lights and becomes visible through a lens in the top when the fuse link has blown and the power remains on.

Available with a choice of two lens colours, clear or red.

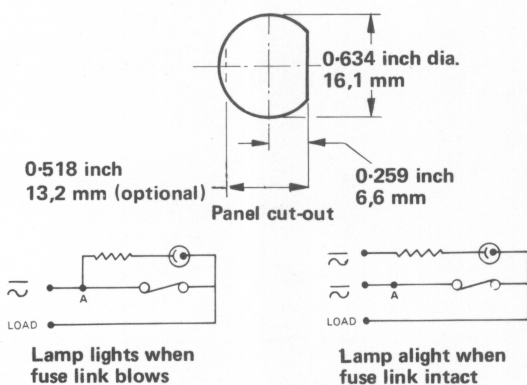
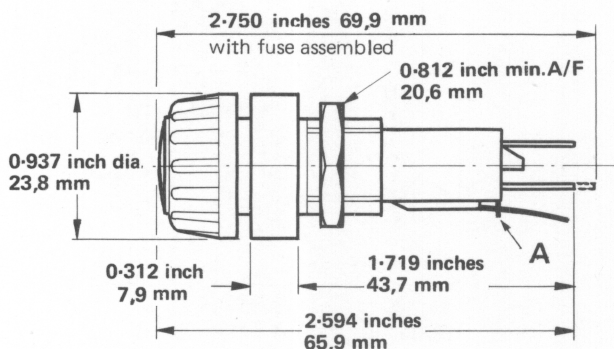
Supplied complete with neon lamp and ballast resistor for 240 V a.c.

<b>Current rating:</b>	6,3 A
<b>Insertion resistance:</b>	10 milliohms maximum
<b>Insulation resistance:</b>	> 100 megohms (cap removed)
<b>Voltage breakdown:</b>	> 5 kV d.c. (cap removed)
<b>Temperature range:</b>	-40 °C to +70 °C (Ambient)
<b>Panel thickness:</b>	7,9 mm 0.312 inch maximum
<b>Fixing torque:</b>	0,68 N m 6 lbf inch maximum
<b>Fuse carrier torque:</b>	5 lbf in 0,56 N m maximum
<b>Terminations:</b>	For solderless snap-on connectors 0.110 x 0.024 inch 2,8 x 0,61 mm up to 5 A, or solder (all ratings).

<b>Weight (average):</b>	10,9 g 0.38 oz
<b>Belling-Lee reference number:</b>	L2009/240/Clear or L2009/240/Red



## L1848A/240 Panel fuseholder, indicating, size 0



Designed for a 1¼ inches x ¼ inch, 32 mm x 6.3 mm size 0, 3AG and IEC 127 Standard Sheet IV fuse link. This panel fuseholder is supplied complete with neon lamp and ballast resistor which may be wired either so that the lamp lights when the fuse link is intact or when the fuse link has been blown.

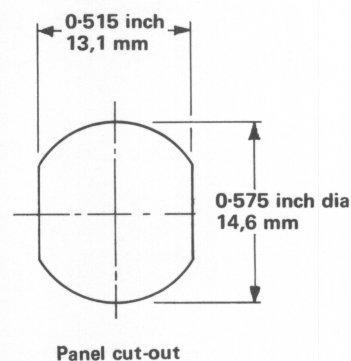
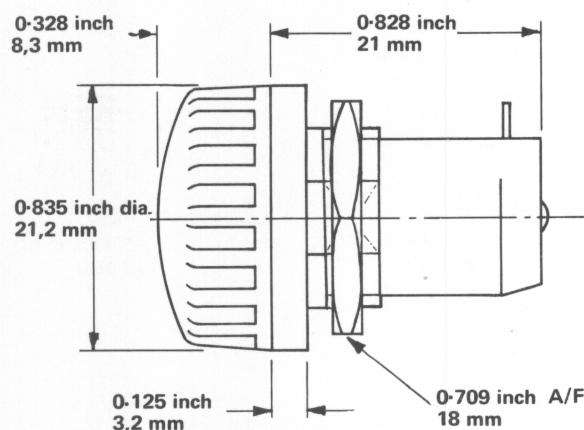
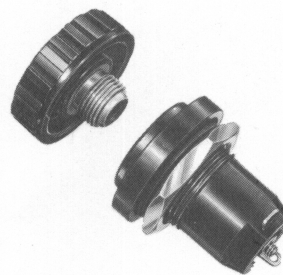
Bayonet fitting fuse carrier; terminations equally suitable for solderless snap-on connectors 0.250 x 0.032 inch 6.3 x 0.81 mm or soldered connections.

L1848A/240 with 68 kilohms ballast resistor is suitable for 200–260 V a.c./d.c. circuits.

<b>Current rating (maximum):</b>	10 A (15 A @ 55 °C ambient temperature)
<b>Temperature rise:</b>	≤ 30 °C
<b>Insertion resistance:</b>	≤ 10 milliohms
<b>Ambient temperature range:</b>	–40 °C to +70 °C
<b>Insulation resistance:</b>	> 100 megohms
<b>Voltage breakdown (a.c.):</b>	> 2.5 kV terminations to chassis > 2.5 kV between terminations, cap removed
<b>Panel thickness (maximum):</b>	0.250 inch 6.35 mm
<b>Fixing torque (maximum):</b>	1.36 N m 12 lbf inch
<b>Fuse carrier torque (maximum):</b>	0.565 N m 5 lbf inch
<b>Materials:</b>	Body — moulded plastic lens — moulded low-loss plastic Contacts — brass, silver-plated
<b>Weight (average):</b>	23.6 g 0.83 oz

## L675 Panel fuseholder, size 00

Barrier and panel sealed



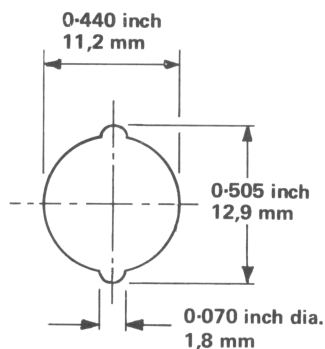
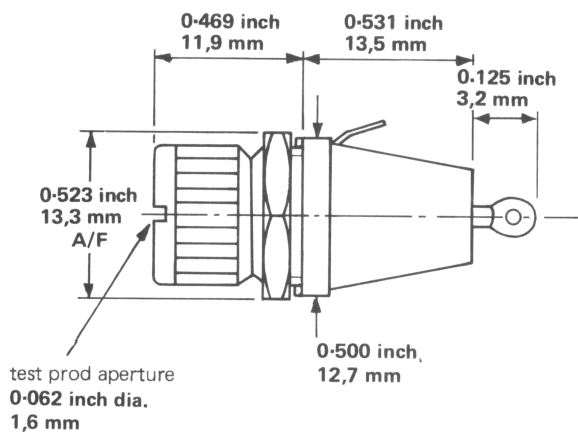
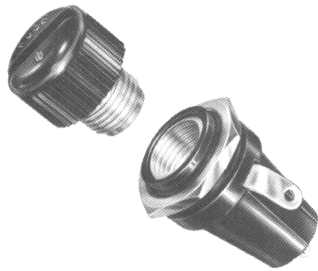
This fuseholder was specially designed for the Services for use with heavy duty (high rupturing capacity) fuse links. It is not suitable for use with glass cartridge fuse links.

<b>Specification:</b>	DEF - 64
<b>Current rating:</b>	2 A (temperature rise ≤ 40 °C)
<b>Breakdown voltage (d.c.):</b>	Sea level > 9 kV 60 000 feet 18 000 m 1 kV
<b>Insulation resistance:</b>	> 100 megohms
<b>Insertion resistance:</b>	< 30 milliohms
<b>Humidity:</b>	H5
<b>Temperature range:</b>	–55 °C to +70 °C (Ambient)
<b>Panel thickness (maximum):</b>	0.15 inch 3.8 mm
<b>Fixing torque (maximum):</b>	0.62 N m 5.5 lbf inch
<b>Weight (average):</b>	0.48 oz 13.7 g

*Qualification Approved*

## L575A Panel fuseholder, size 00

With test prod aperture in lid



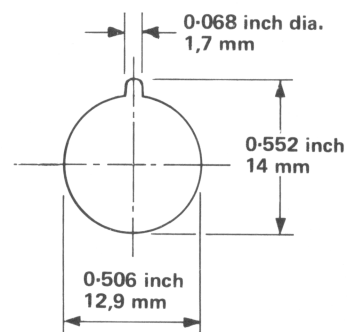
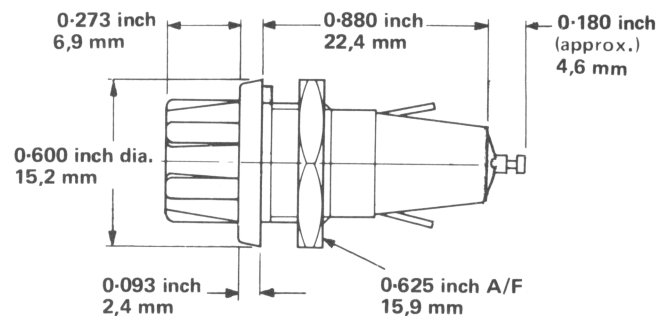
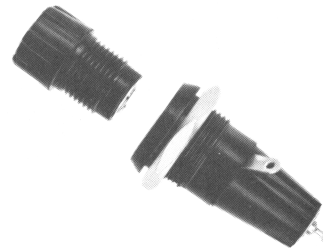
Panel cut-out

This miniature, panel mounting fuseholder was designed for the use of the Services and is recommended for all situations where space is at a premium.

<b>Specification:</b>	RCS 262 Issue 2
<b>Current rating:</b>	2.5 A (temperature rise $\leq 55^{\circ}\text{C}$ )
<b>Breakdown voltage (d.c.):</b>	Sea level $\geq 3.5\text{ kV}$ 60 000 feet 18 000 m $\geq 1\text{ kV}$ $> 100$ megohms
<b>Insulation resistance:</b>	$< 5$ milliohms
<b>Insertion resistance:</b>	Class H2
<b>Humidity:</b>	$-40^{\circ}\text{C}$ to $+70^{\circ}\text{C}$ (Ambient)
<b>Temperature range:</b>	
<b>Panel thickness (maximum):</b>	0.064 inch / 1.6 mm
<b>Fixing torque (maximum):</b>	0.32 N m 2.8 lbf inch
<b>Weight (average):</b>	0.19 oz 5.3 g

Qualification Approved

## L1596B Panel fuseholder, Size 00



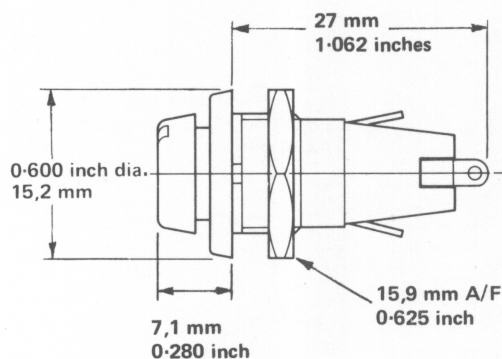
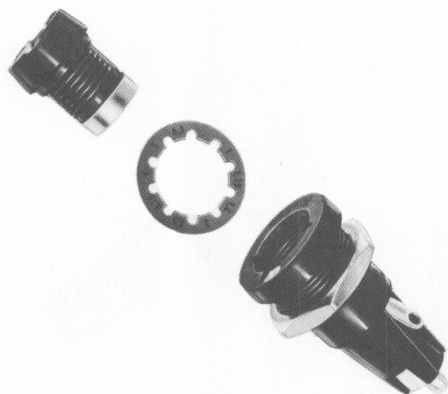
Panel cut-out

A robust, miniature, panel mounting fuseholder of contemporary styling. The fuse link is withdrawn on removal of the screw cap, which has a 'knock-out' for insertion of a test probe, if required.

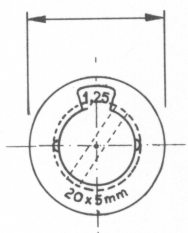
<b>Current rating:</b>	7 A (temperature rise $\leq 40^{\circ}\text{C}$ ).
<b>Breakdown voltage (d.c.):</b>	Sea level $\geq 4\text{ kV}$ 60 000 feet 18 000 m $\geq 1\text{ kV}$ $> 100$ megohms
<b>Insulation resistance:</b>	$< 10$ milliohms
<b>Insertion resistance:</b>	$< 10$ milliohms
<b>Temperature range:</b>	$-55^{\circ}\text{C}$ to $+70^{\circ}\text{C}$ (Ambient)
<b>Panel thickness (maximum):</b>	9/64 inch / 3.6 mm
<b>Fixing torque (maximum):</b>	0.68 N m 6 lbf inch
<b>Weight (average):</b>	0.17 oz 4.8 g

## L2006A Panel fuseholder L2007 Dial-a-rating kit (optional)

for 20 x 5 mm fuse link

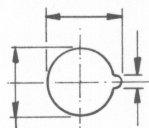


15.26 mm dia.  
0.601 inch



L2007

14 mm  
0.552 inch



12.9 mm dia.  
0.506 inch

Panel cut-out

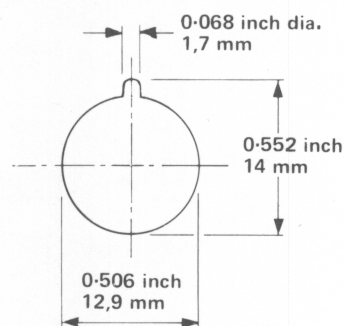
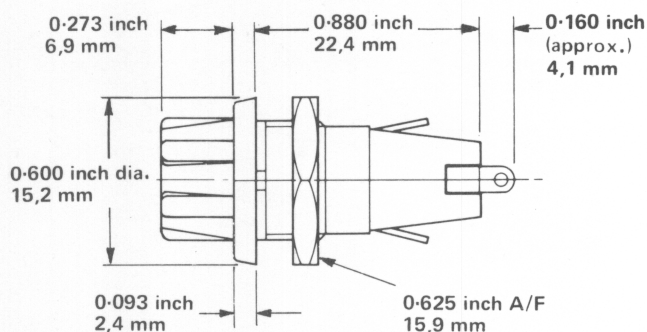
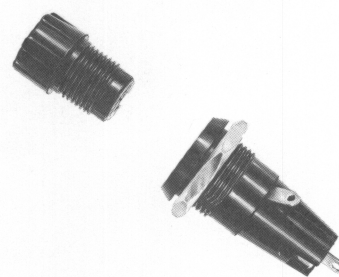
This fully finger-proofed panel mounting fuseholder is designed to meet the safety requirements of IEC 257, DEMKO, NEMKO and SEMKO, and BS 415.

L2007, Dial-a-rating accessory kit enables the value of the fitted fuse like to be readily indicated.

Mounting on the panel is effected through a single hole and secured by a nut. A locating spigot on the underside of the rim prevents rotation.

<b>Current rating:</b>	6,3 A (temperature rise $< 65^{\circ}\text{C}$ on accessible parts).
<b>Test voltage:</b>	4 k V d.c. 50 cycles 1 minute
<b>Insertion resistance:</b>	5 milliohms av., 10 milliohms max.
<b>Breakdown voltage (d.c.):</b>	$> 4\text{ kV}$
<b>Insulation resistance:</b>	$\geq 100\text{ megohms}$
<b>Temperature range:</b>	$-55^{\circ}\text{C}$ to $+70^{\circ}\text{C}$ (Ambient)
<b>Panel thickness:</b>	0,91 to 3,58 mm 0.036 - 0.141 inch
<b>Recommended fixing torque:</b>	0,68 N m 6 lbf in
<b>Conductor size (maximum):</b>	1,2 mm diameter, 24/0,2 mm or 18 s.w.g.
<b>Weight (average):</b>	4,7 g 0.17 oz
<b>Belling-Lee reference number:</b>	
<b>Fuseholder:</b>	L2006
<b>Dial-a-rating kit:</b>	L2007/A for fuse ratings 1, 1,25, 1,6, 2, 2,5, 3,15, 4, 5, 6,3 A
<b>Dial-a-rating kit:</b>	L2007/B for fuse ratings 0,032, 0,04, 0,05, 0,063, 0,08, 0,1, 0,125, 0,16, 0,2, 0,25, 0,315, 0,4, 0,5, 0,63, 0,8 A

## E6011B Panel fuseholder for 20 x 5 mm fuse link

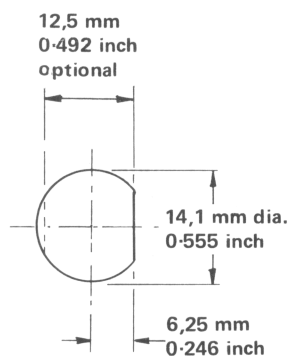
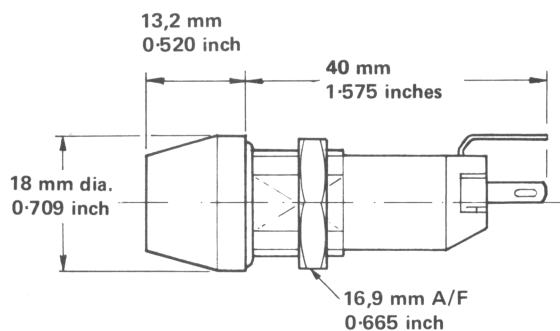
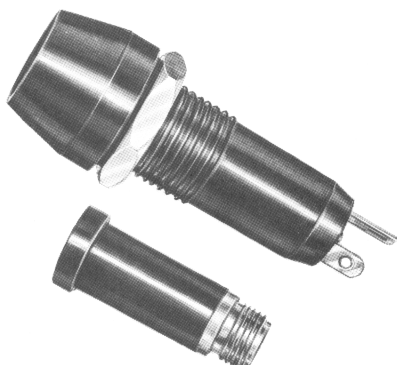


Panel cut-out

<b>Current rating:</b>	6,3 A
<b>Voltage rating:</b>	250 V a.c.
<b>Breakdown voltage (d.c.):</b>	Sea level $\geq 4\text{ kV}$ 60 000 feet 18 000 m 1 kV
<b>Insulation resistance:</b>	$> 100\text{ megohms}$
<b>Insertion resistance:</b>	$< 10\text{ milliohms}$
<b>Temperature range:</b>	$-55^{\circ}\text{C}$ to $+70^{\circ}\text{C}$ (Ambient)
<b>Panel thickness (maximum):</b>	9/64 inch 3,6 mm
<b>Fixing torque (maximum):</b>	0,68 N m 6 lbf inch
<b>Weight (average):</b>	0.17 oz 4,8 g

## L1742 Panel fuseholder, barrier and panel sealed, for 20 x 5 mm fuse link

### L1742/U Panel fuseholder, unsealed for 20 x 5 mm fuse link



Panel cut-out

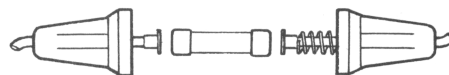
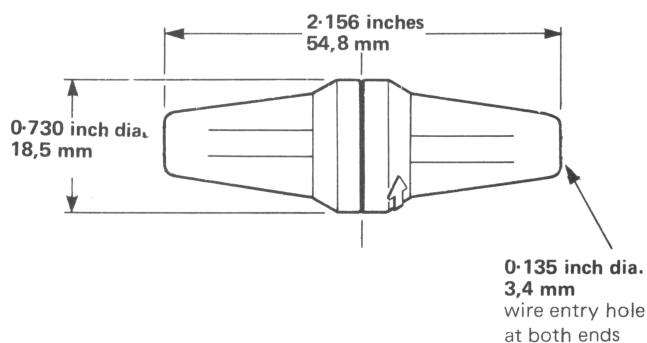
These panel mounting fuseholders for 20 x 5 mm fuse links are designed to meet the safety requirements of IEC 257, DEMKO, NEMKO, and SEMKO. A coin slot in the fuseholder head facilitates easy fuse link removal.

Mounting on the panel is effected through a single hole, shaped to engage the anti-swivel flats on the fuseholder body, which is secured with a nut.

The connector posts are suitable for soldering or for solderless snap-on connectors.

<b>Current rating:</b>	6,3 A
<b>Insertion resistance (maximum):</b>	10 milliohms
<b>Breakdown voltage (d.c.):</b>	> 3 kV
<b>Insulation resistance:</b>	≥ 100 megohms
<b>Temperature range:</b>	-55 °C to +70 °C (Ambient)
<b>Sealing:</b>	Leakage less than 1 cc/h @ 15 lbf/inch <sup>2</sup> 100 kPa
<b>Panel thickness (maximum):</b>	0.315 inch 8 mm
<b>Contacts:</b>	Nickel-plated brass
<b>Terminations:</b>	0.110 x 0.024 inch 2,8 x 0,61 mm
<b>Weight (average):</b>	15,5 g 0.55 oz

## L1745 In-line fuseholder, size 0



Simply and economically wired into a supply line, the L1745 accommodates a 1¼ inches x ¼ inch 32 mm x 6,3 mm fuse link. The circuit is broken when the fuseholder is opened by a simple push-and twist operation.

<b>Colour:</b>	Black
<b>Current rating:</b>	7 A (temperature rise ≤ 25 °C)
<b>Insertion resistance (maximum):</b>	15 milliohms
<b>Insulation resistance (minimum):</b>	100 megohms
<b>Maximum safe working voltage (BS 415):</b>	34 V peak
<b>Temperature range:</b>	-25 °C to +60 °C (Ambient)
<b>Connections:</b>	Solder
<b>Maximum wire size:</b>	70/0.0076 inch 30/0,25 mm, overall diameter 0.125 inch 3,18 mm
<b>Weight (average):</b>	5,18 g 0.18 oz
<b>Belling-Lee reference number:</b>	L1745/Black

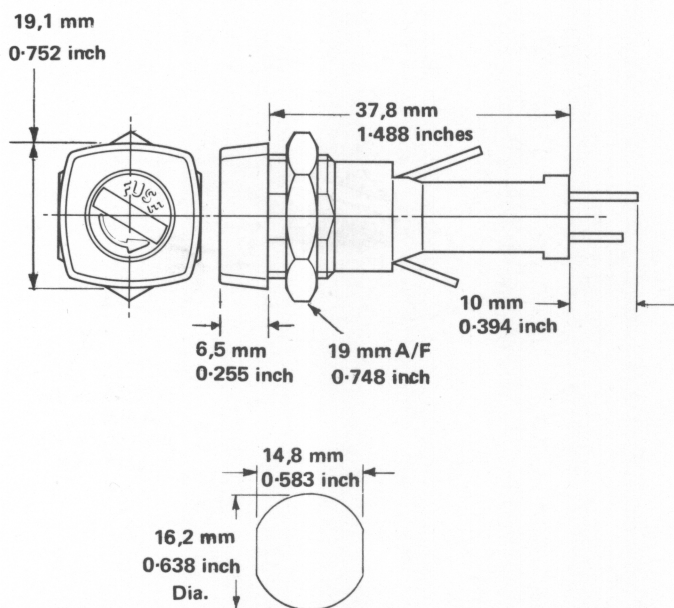
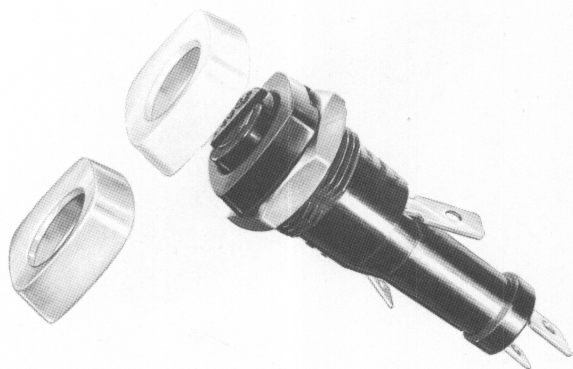


## L2004 Panel fuseholder, size 0

(Adaptor available for 20 x 5 mm fuse links)

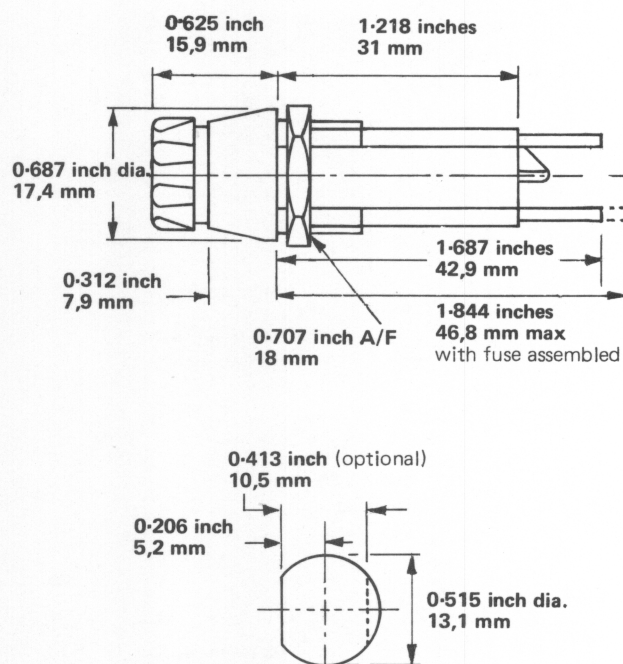
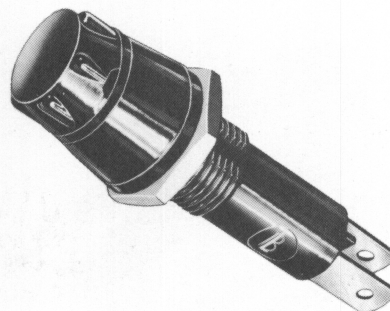
### L2003 Coloured bezel for above

(L2004 Supplied complete with black bezel)



Panel cut-out

## L1744A Panel fuseholder, bayonet locking, size 0



Panel cut-out

The L2004 is a fully fingerproof safety fuseholder designed to comply with the requirements of Publications IEC 257, and BS 415. The fuseholder is supplied with a black removable bezel, which snaps into place over the front flange. Other bezels in green, grey, red and white can be purchased in packs of 50, quoting quantity required and Belling-Lee reference number L2003/Colour.

**Adaptor:** Order L1940A for use with 20 x 5 mm fuse links.

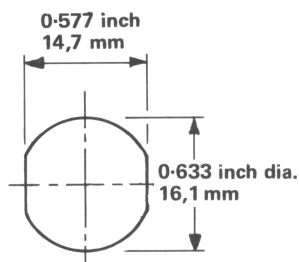
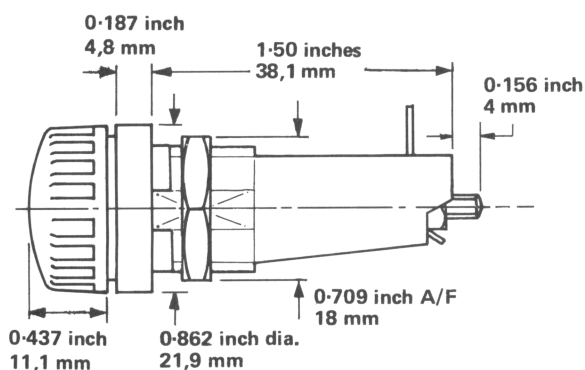
<b>Current rating:</b>	15 A (temperature rise $\leq 40^{\circ}\text{C}$ above ambient) 10 A (when tested in accordance with IEC 257) 30 A (BS AU 105) $\geq 4 \text{ k Vd.c.}$ $\geq 100 \text{ megohms}$ $\leq 5 \text{ milliohms}$
<b>Breakdown voltage:</b>	$\geq 4 \text{ k Vd.c.}$
<b>Insulation resistance:</b>	$\geq 100 \text{ megohms}$
<b>Insertion resistance:</b>	$\leq 5 \text{ milliohms}$
<b>Temperature range:</b>	$-25^{\circ}\text{C}$ to $+85^{\circ}\text{C}$ (Ambient)
<b>Humidity:</b>	21 days (BS 2011 – IEC 68–1)
<b>Panel thickness:</b>	4 mm maximum
<b>Fixing torque:</b>	10.6 lbf inch 1,2 Nm
<b>Weight (average):</b>	9,7 g 0.342 oz
<b>Terminations:</b>	Will accept two sizes of solderless snap-on connectors 0.250 x 0.032 inch 6,3 x 0,81 mm and 0.187 x 0.032 inch 4,75 x 0,81 mm, or solder

A panel mounting fuseholder for a  $1\frac{1}{4}$  inches x  $\frac{1}{4}$  inch, 32 mm x 6,3 mm fuse link, fitting a 0.515 inch diameter panel cut-out. It has a bayonet locking cap, and connection posts suitable for soldering or for 0.250 inch x 0.032 inch 6,3 mm x 0,81 mm solderless snap-on connectors. A special internal insulation barrier is incorporated to provide superior breakdown voltage performance.

<b>Current rating:</b>	10 A (temperature rise $\leq 40^{\circ}\text{C}$ above ambient) 20 A (BS AU 105)
<b>Breakdown voltage (a.c.):</b>	$> 4 \text{ kV}$ between terminations $> 10 \text{ kV}$ terminations to panel $> 100 \text{ megohms}$ $< 15 \text{ milliohms}$
<b>Insulation resistance:</b>	$> 100 \text{ megohms}$
<b>Insertion resistance:</b>	$< 15 \text{ milliohms}$
<b>Humidity:</b>	21 days (BS 2011 – IEC 68–1)
<b>Temperature range:</b>	$-55^{\circ}\text{C}$ to $+70^{\circ}\text{C}$ (Ambient)
<b>Panel thickness (maximum):</b>	0.313 inch 7,9 mm
<b>Fixing torque (maximum):</b>	1,18 N m 10 lbf inch
<b>Mouldings:</b>	Phenolic resin
<b>Contacts:</b>	Brass, silver-plated
<b>Weight (average):</b>	13,7 g 0.48 oz

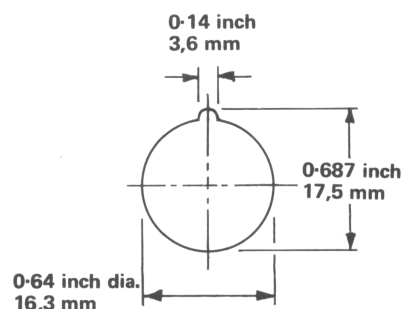
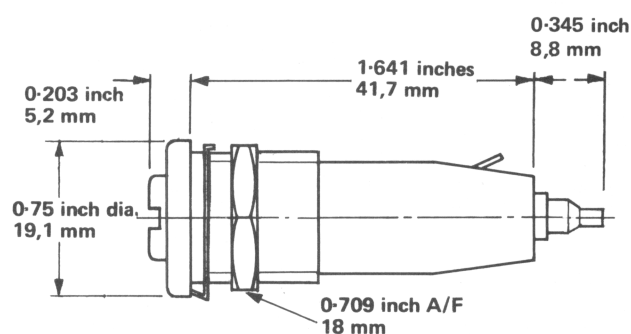
## L1382 Panel fuseholder, size 0

Barrier and panel sealed



Panel cut-out

## L1348A Panel fuseholder, size 0



Panel cut-out

Originally developed for use with heavy duty size 0 fuse links, the design has now been modified to accommodate glass cartridge fuse links as well. The L1382/H variant has a test prod aperture 0.094 inch 2,4 mm diameter in the head.

Another variant, L1382/LIVE, has received qualification approval by the Post Office. It is marked with the Post Office reference number P.O.136F and the end terminal is marked LIVE.

<b>Specification:</b>	DEF - 64
<b>Current rating:</b>	7 A (temperature rise $\leq 40^\circ\text{C}$ ) (15 A at $55^\circ\text{C}$ maximum)
<b>Breakdown voltage (d.c.):</b>	$> 10\text{ kV}$
<b>Insulation resistance:</b>	$> 100\text{ megohms}$
<b>Insertion resistance:</b>	$< 15\text{ milliohms}$
<b>Humidity:</b>	H5 (DEF - 5011)
<b>Temperature range:</b>	$-55^\circ\text{C}$ to $+70^\circ\text{C}$ (Ambient)
<b>Panel thickness (maximum):</b>	0.156 inch 4 mm
<b>Fixing torque:</b>	1,7 N m 15 lbf inch
<b>Weight (average):</b>	0.84 oz 23,4 g

Qualification Approved

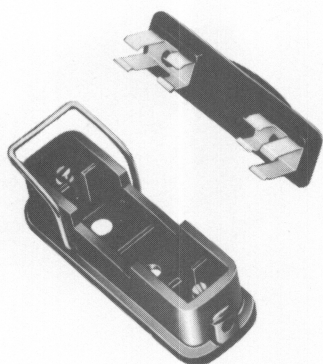
This standard size 0 panel fuseholder, used throughout the instrument industry, is also extensively used by H.M. Services and the Post Office.

<b>Current rating:</b>	7 A (temperature rise $\leq 40^\circ\text{C}$ ) 15 A at $55^\circ\text{C}$ maximum ambient temperature
<b>Breakdown voltage (d.c.):</b>	$> 9\text{ kV}$
<b>Insulation resistance:</b>	$> 100\text{ megohms}$
<b>Insertion resistance:</b>	$< 5\text{ milliohms}$
<b>Humidity:</b>	H2 (RCS 11)
<b>Temperature range:</b>	$-40^\circ\text{C}$ to $+100^\circ\text{C}$ (Ambient)
<b>Panel thickness (maximum):</b>	0.4 inch 10 mm
<b>Fixing torque:</b>	0,57 N m 5 lbf inch
<b>Weight (average):</b>	0.7 oz 19,7 g

## L1045/C3 Single fusebox, size 0

With end and rear wire entries

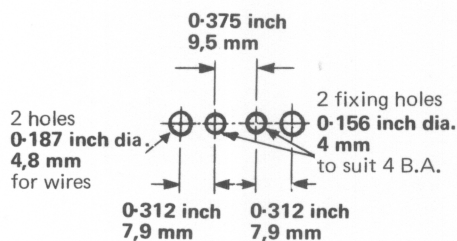
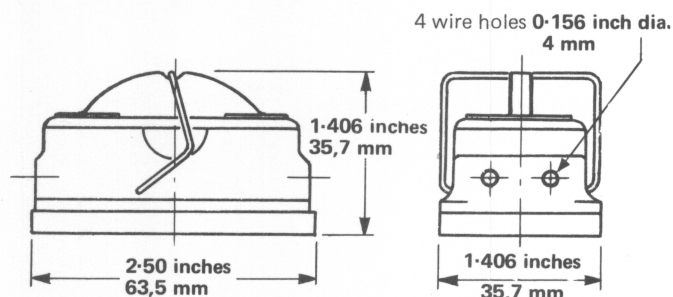
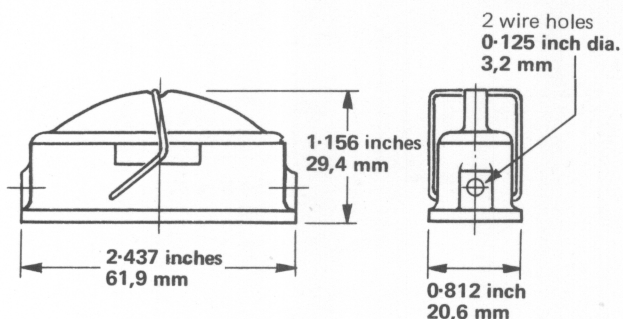
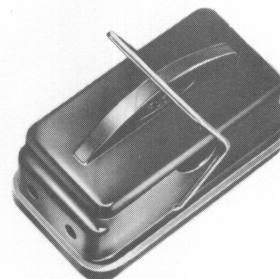
Scale 1:2



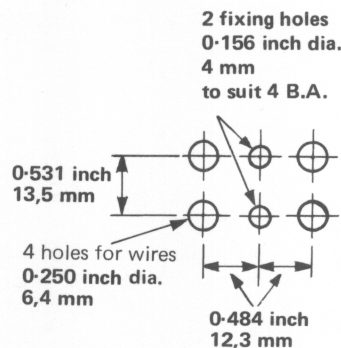
## L1033/C4 Double fusebox, size 0

With end and rear wire entries  
A two-pole version of L1045/C3

Scale 1:2



Panel cut-out



Panel cut-out

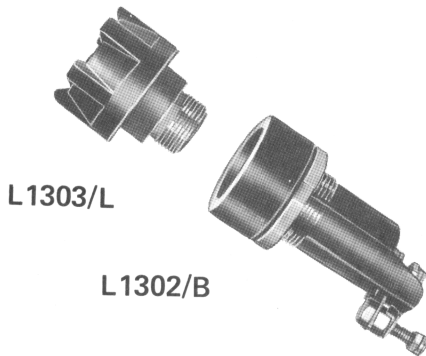
Designed for chassis mounting. A standard 1 1/4 inches x 1/4 inch 32 mm x 6,3 mm fuse link is held in the lid and automatically exposed and isolated from the circuit as the lid is raised. Leads may be inserted through the base or through the ends of the box.

**Current rating:** 10 A (temperature rise  $\leq 40^{\circ}\text{C}$ )  
**Breakdown voltage (d.c.):** to chassis  $> 4\text{ kV}$   
**Temperature range:**  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$  (Ambient)  
**Weight (average):** 22,1 g 0.78 oz

**Current rating:** 10 A (temperature rise  $\leq 40^{\circ}\text{C}$ )  
**Breakdown voltage (d.c.):** Between poles  $> 8\text{ kV}$   
 Poles to chassis  $> 4\text{ kV}$   
**Temperature range:**  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$  (Ambient)  
**Weight (average):** 47 g 1.68 oz

## Heavy duty panel fuseholders, barrier and panel sealed L1302/B Body L1302A/L large lid L1303/L standard lid

Scale 1:2

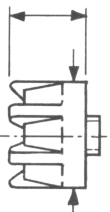


L1303/L

L1302/B

L1302A/L  
Large lid

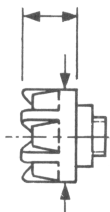
1-0 inch  
25,4 mm



1-398 inches dia.  
35,5 mm

L1303/L  
Standard lid

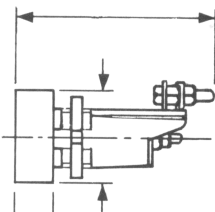
0-688 inch  
17,5 mm



1-152 inches dia.  
29,3 mm

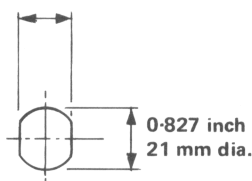
L1302/B  
Body

2-469 inches  
62,7 mm



0-5 inch  
12,7 mm

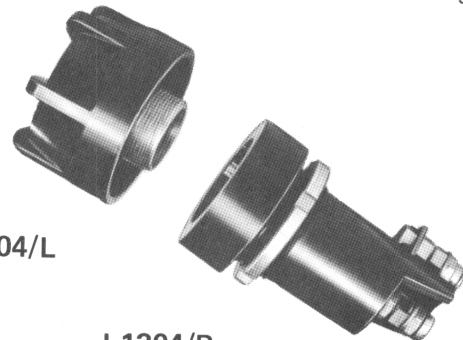
0-759 inch  
19,3 mm



Panel cut-out

## Heavy duty panel fuseholder, barrier and panel sealed L1304/B Body L1304/L large lid L1305/L standard lid

Scale 1:2

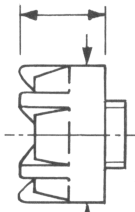


L1304/L

L1304/B

L1304/L  
Large lid

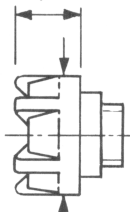
1-125 inches  
28,6 mm



1-758 inches dia.  
44,7 mm

L1305/L  
Standard lid

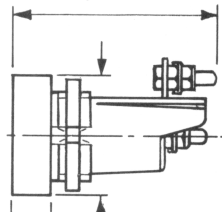
0-875 inch  
19,1 mm



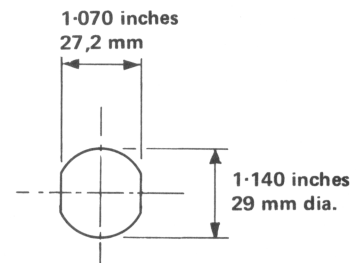
1-513 inches dia.  
38,4 mm

L1304/B  
Body

2-563 inches  
65,1 mm



0-5 inch  
12,7 mm



Panel cut-out

These panel mounting fuseholders for size 1 fuse links, were developed for use in military, sea and land vehicles. They also have many industrial applications.

The fuseholders have different lids, either the standard or large, the latter providing a finger guard and increased creepage path for additional safety under wet conditions, thus permitting a higher working voltage to be used.

Fuse link withdrawal occurs automatically as the lid is unscrewed.

Mounting on the panel is effected through a single hole, shaped to engage the anti-swivel flats on the fuseholder body, which is secured with a ring-nut.

The terminals are supplied complete with washer and shakeproof nuts.

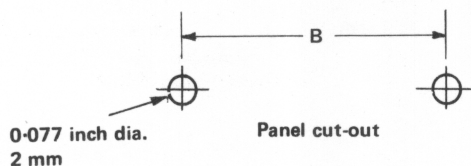
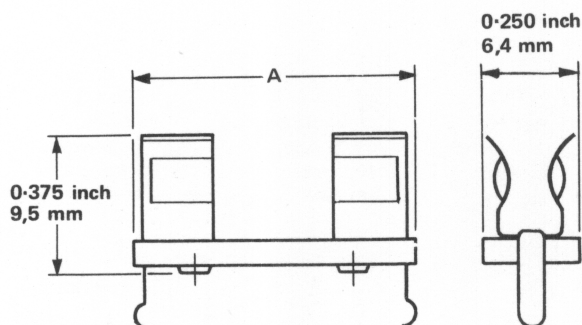
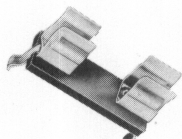
<b>Current rating:</b>	15 A (temperature rise $\leq 40^{\circ}\text{C}$ )
<b>Maximum working volts</b> (Services' rating):	L1302/B - L1302A/L 620 V peak L1302/B - L1303/L 250 V peak
<b>Insulation resistance:</b>	$> 100$ megohms
<b>Insertion resistance:</b>	$< 5$ milliohms
<b>Temperature range:</b>	$-40^{\circ}\text{C}$ to $+100^{\circ}\text{C}$ (Ambient)
<b>Sealing:</b>	Leakage less than 1 cc/h at 15 lbf/inch <sup>2</sup> 100 kPa
<b>Panel thickness (maximum):</b>	0-204 inch 5,2 mm
<b>Weight (average):</b>	with large lid 2-47 oz 70 g with standard lid 2-0 oz 57 g

<b>Current rating:</b>	30 A (temperature rise $\leq 40^{\circ}\text{C}$ )
<b>Maximum working volts</b> (Services' rating):	L1304/B - L1304/L 620 V peak L1304/B - L1305/L 250 V peak
<b>Insulation resistance:</b>	$> 100$ megohms
<b>Insertion resistance:</b>	$< 5$ milliohms
<b>Temperature range:</b>	$-40^{\circ}\text{C}$ to $+100^{\circ}\text{C}$ (Ambient)
<b>Sealing:</b>	Leakage less than 1 cc/h at 15 lbf/inch <sup>2</sup> 100 kPa
<b>Panel thickness (maximum):</b>	0-204 inch 5,2 mm
<b>Weight (average):</b>	with large lid 4-4 oz 125 g with standard lid 4-2 oz 120 g



## L1383 Open fuseholder, size 00 L1426 Open fuseholder, 20 x 5 mm

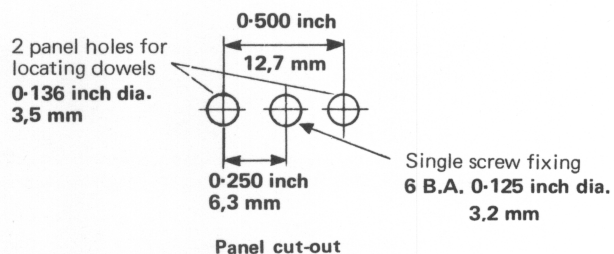
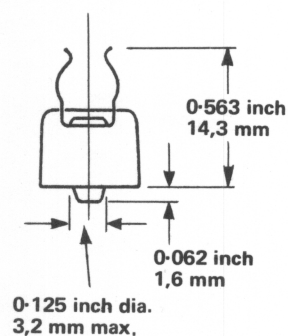
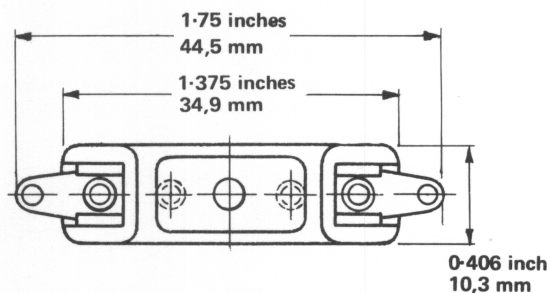
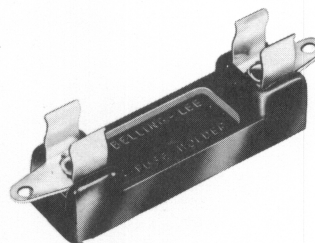
Single pole, for printed circuits of 0.1 inch module



Dimension	L1383	L1426
A	0.735 inch 18.7 mm	0.937 inch 23.8 mm
B	0.700 inch 17.8 mm	0.900 inch 22.9 mm

## L510 Open fuseholder, size 0

Single pole



Mounted by means of its terminals, the fuseholder may be connected and secured in position in a single soldering operation.

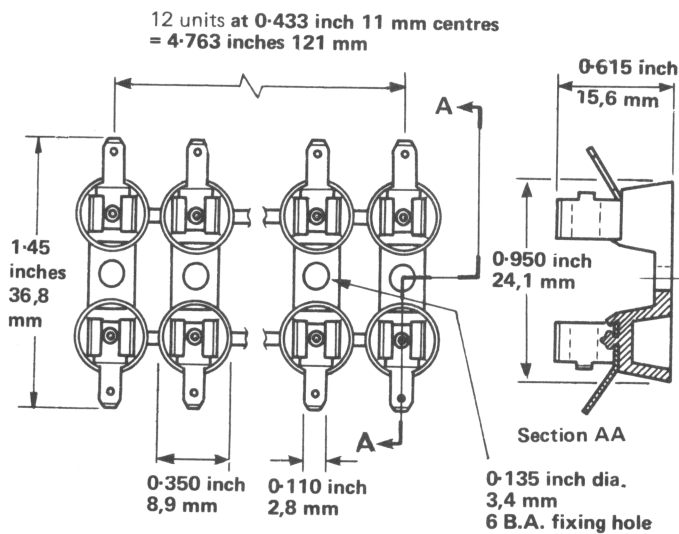
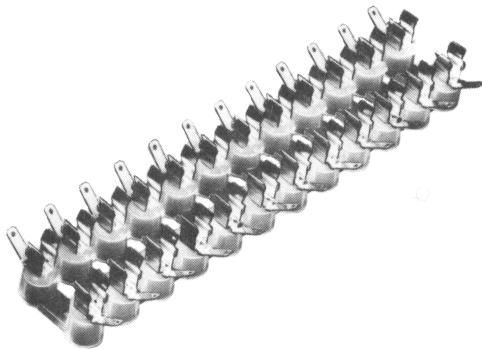
<b>Current rating:</b>	2 A (temperature rise $\leq 40^\circ\text{C}$ )
<b>Breakdown voltage (d.c.):</b>	Sea level $> 3\text{ kV}$
<b>Insulation resistance:</b>	$30 \times 10^3$ megohms
<b>Insertion resistance:</b>	$< 4$ milliohms
<b>Humidity:</b>	Dry conditions only
<b>Ambient temperature (maximum):</b>	$90^\circ\text{C}$
<b>Panel thickness (maximum):</b>	0.063 inch 1.6 mm
<b>Materials:</b>	Insulant — S.R.B.P. Contacts — beryllium-copper, silver-plated.
<b>Weights (average):</b>	L1383 0.03 oz 0.9 g L1426 0.036 oz 1.02 g

This chassis mounting, single fuseholder is fixed by means of a central screw, and has dowels to prevent rotation.

<b>Current rating:</b>	7 A (temperature rise $\leq 40^\circ\text{C}$ )
<b>Breakdown voltage (d.c.):</b>	$> 8\text{ kV}$
<b>Insulation resistance:</b>	$> 10^3$ megohms
<b>Insertion resistance:</b>	$< 10$ milliohms
<b>Humidity:</b>	H2 (RCS 11)
<b>Temperature range:</b>	$-40^\circ\text{C}$ to $+70^\circ\text{C}$ (Ambient)
<b>Materials:</b>	Moulding — phenolic resin Contacts — phosphor-bronze, silver-plated
<b>Weight (average):</b>	0.13 oz 3.71 g

## L2005 Open fuseholder, 20 x 5 mm

Twelve-way



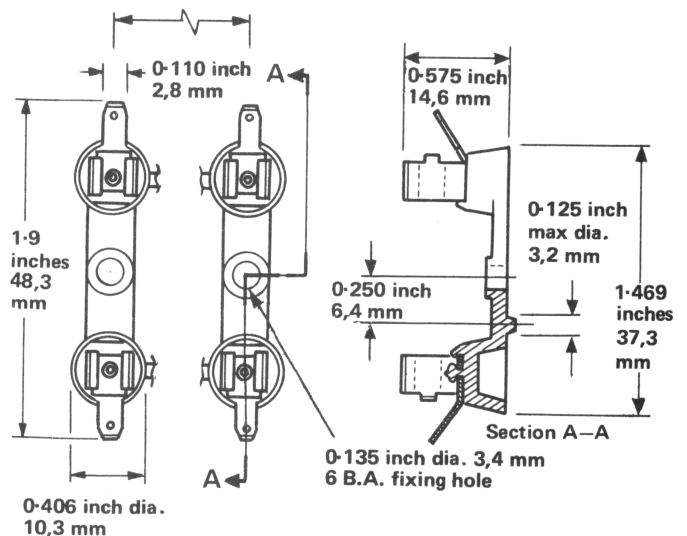
## L1746 Open fuseholder Size 0

Twelve-way



Scale 1:2

12 units at 0.500 inch 12.7 mm centres  
= 5.500 inches 139.7 mm



A European version of L1746

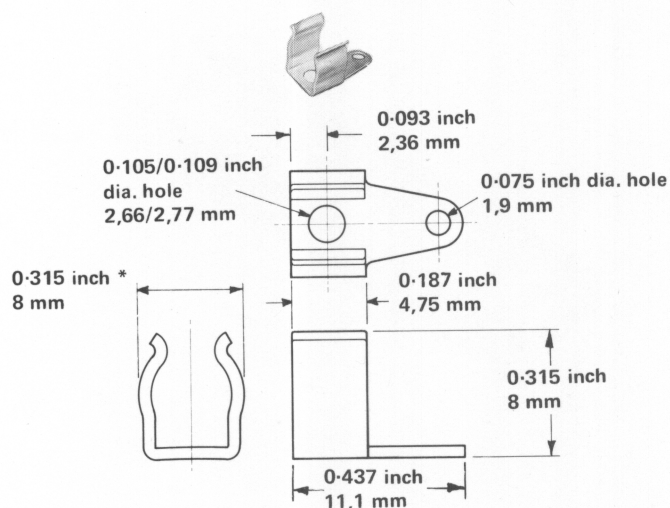
<b>Current rating:</b>	2 A at 85 °C maximum ambient 6.3 A at 60 °C maximum ambient
<b>Insertion resistance (maximum):</b>	5 milliohms per pole
<b>Breakdown voltage:</b>	5 kV minimum at 50 Hz
<b>Insulation resistance (minimum):</b>	100 megohms
<b>Temperature range:</b>	-55 °C to +100 °C (Ambient)
<b>Terminations:</b>	Suitable for solderless snap-on connectors 0.110 inch x 0.012 inch 2.8 mm x 0.3 mm up to 5 A or soldered (wire to be wrapped first) for > 5 A
<b>Materials:</b>	Insulant — nylon Contacts — phosphor-bronze silver-plated
<b>Mounting:</b>	12 holes 6 B.A. clearance at 1 per fuseway
<b>Weight (average):</b>	16.3 g 0.57 oz

Although normally supplied as a 12-way assembly, this is easily divisible into smaller units as required.

<b>Current rating:</b>	5 A at 75 °C maximum ambient 7.5 A at 50 °C maximum ambient
<b>Insertion resistance (maximum):</b>	5 milliohms per pole
<b>Breakdown voltage:</b>	6 kV minimum at 50 Hz
<b>Insulation resistance (minimum):</b>	100 megohms
<b>Temperature range:</b>	-55 °C to +100 °C (Ambient)
<b>Terminations:</b>	Suitable for solderless snap-on connectors 0.110 inch x 0.012 inch 2.8 mm x 0.3 mm up to 5 A or soldered (wire to be wrapped first) for > 5 A
<b>Materials:</b>	Insulant — nylon Contacts — phosphor-bronze, silver-plated
<b>Mounting:</b>	12 holes 6 B.A. clearance at 1 per fuseway with dowels removed. When mounted singly an additional hole 0.129 inch 3.3 mm diameter is required for dowel.
<b>Weight (average):</b>	20.7 g 0.73 oz

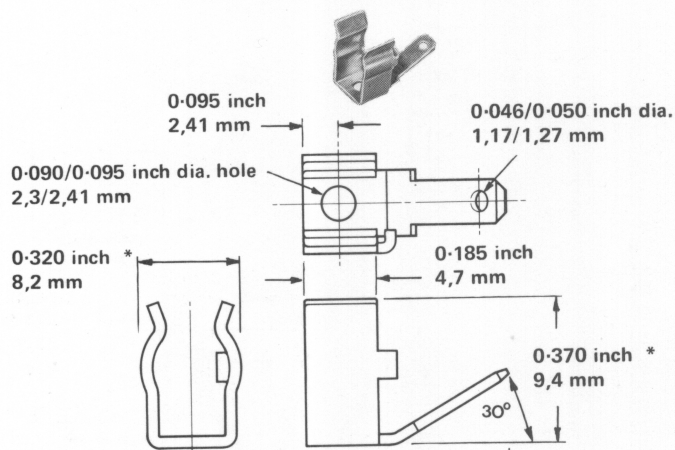
## PP499 Fuseclip

for ¼ inch nominal dia. (6,35 mm) fuse link



## Y14219 Fuseclip

for ¼ inch nominal dia. (6,35 mm) fuse link



Material:  
Phosphor bronze, Ag plated

\* with maximum fuse link inserted

PP499 is the fuse clip used in fuseholder type L510 shown on page 11. Y14219 is used in L1746 described on a separate page. Both clips can be supplied loose for mounting on customers' own panels.

These fuse clips are made of phosphor-bronze, which is superior to brass for this purpose, and are silver-plated for low contact resistance. Contact pressure can be increased, if desired, by gently squeezing the two wings closer together. The current rating is determined by the temperature attained by the contacts, which, amongst other things, is dependent upon the type of fuse link and the conductors used, and should not exceed 110 °C.

PP499 is intended for soldered connections, but Y14219 may also be used with 0-110 x 0-012 inch (2,8 x 0,3 mm) push-on connectors at currents up to 5 A, and incorporates a retaining ear controlling axial displacement of the fuse link.

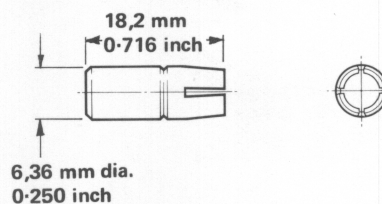
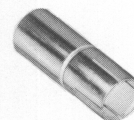


Recommended mounting hole dimensions

Nominal length of fuse link		Dimension A	
inch	mm	inch	mm
5/8	16	0-438	11,1
3/4	19	0-563	14,3
7/8	22	0-688	17,5
1	25	0-813	20,7
1.1/16	27	0-876	22,3
1.1/4	32	1-063	27

## L1940A Adaptor

For 20 x 5 mm fuse link



This adaptor permits the use of 20 x 5 mm fuse links, in panel fuseholders designed for size 0 fuse links (1¼ inches x ¼ inch diameter 32 mm x 6,3 mm).

Current rating:  
Material:  
Weight (average):

6,3 A  
Brass, nickel-plated  
3,43 g 0-12 oz