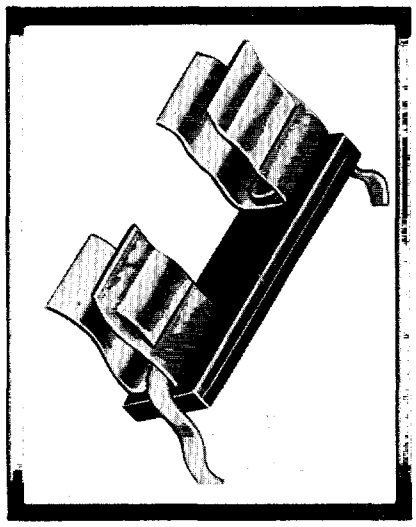
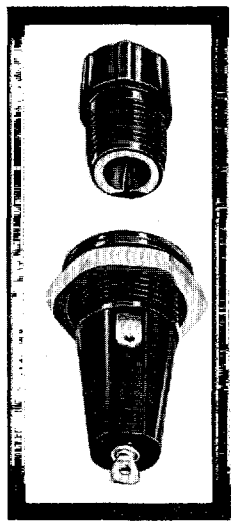
Fuseholders

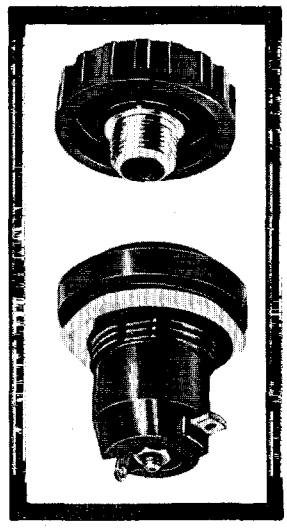
size 00



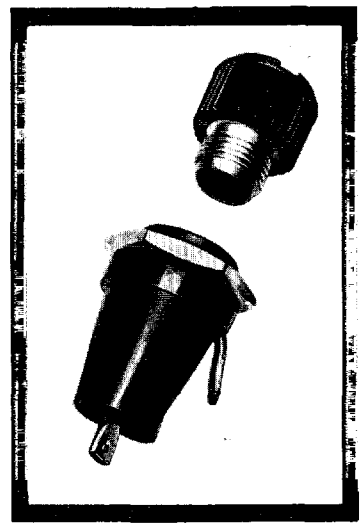
L1383 Fuseholder, open, for printed circuits 0·1" module
L1426 Similar type, for 20×5mm fuse links



L1596 Fuseholder, panel, E6011 Similar type for 20×5mm fuse links



L675 Fuseholder, panel, sealed Qualification approved

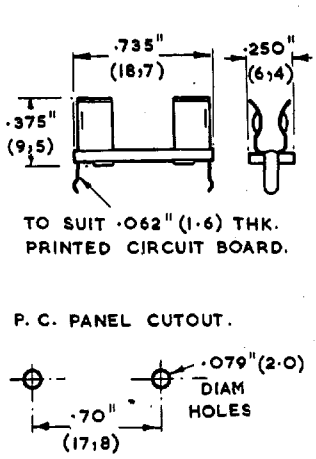


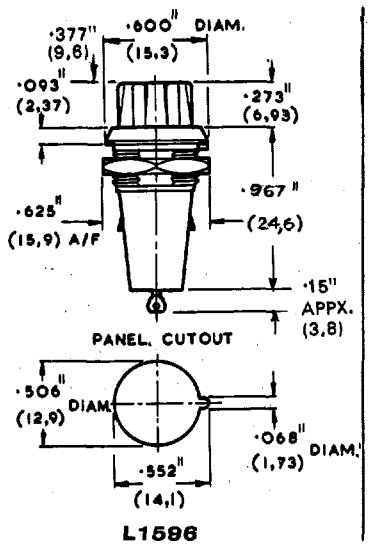
L575 Fuseholder, panel, Qualification approved.

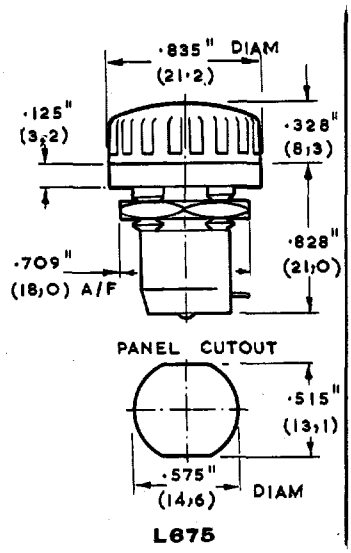
	L1383	L 1596	L675	L575
Specification:	–	–	DEF.64	RCS 262 Iss.2
Current Rating:	2A *	7A *	2A*	2·5A Temp. rise <55°C
Breakdown Voltage (d.c.):	at sea level >3kV	sea level >4kV / 60,000 ft (18000m) 1kV	sea level >9kV / 60,000 ft (18000m) 1kV	sea level >3.5kV / 60,000 ft (18000m) >1kV
Insulation Resistance:	3 x 10^4 megohms	30 x 10^3 megohms	>100 megohms	>10^2 megohms
Insertion Resistance:	<4 milliohms	<10 milliohms	<30 milliohms	<5 milliohms
Humidity:	Dry conditions only	H_5 (DEF.5011)	H_5	Class H_2
Temperature Range:	90°C max.	–55°C to +70°C	–55°C to +70°C	–40°C to +70°C
Panel Thickness (max.):	0·063in (1,6mm)	9/64 in (3,57mm)	0·15in (3,8mm)	0·064in (1,6mm)
Fixing Torque (max.):	–	1,36 Nm (12 lbf-in)	0,62 Nm (5·5 lbf-in)	0,32 Nm (2·8 lbf-in)
Weight (average):	0·03 oz (0,9g)	0·17 oz (4,75g)	0·48 oz (13,7g)	0·19 oz (5,3g)

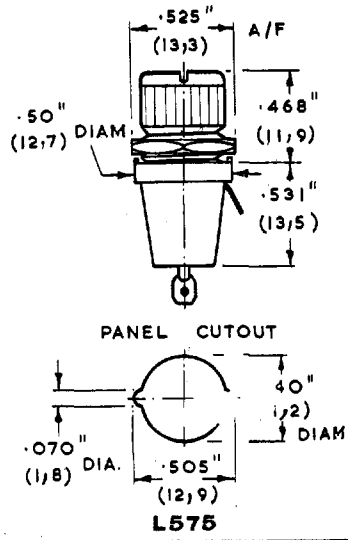
• Temperature rise ⩾ 40°C

DIMENSIONS: Cut-outs minima, normal tolerance +0 005". Overall sizes and fixing centres nominal. Figures in brackets are approx. mm equivalents.



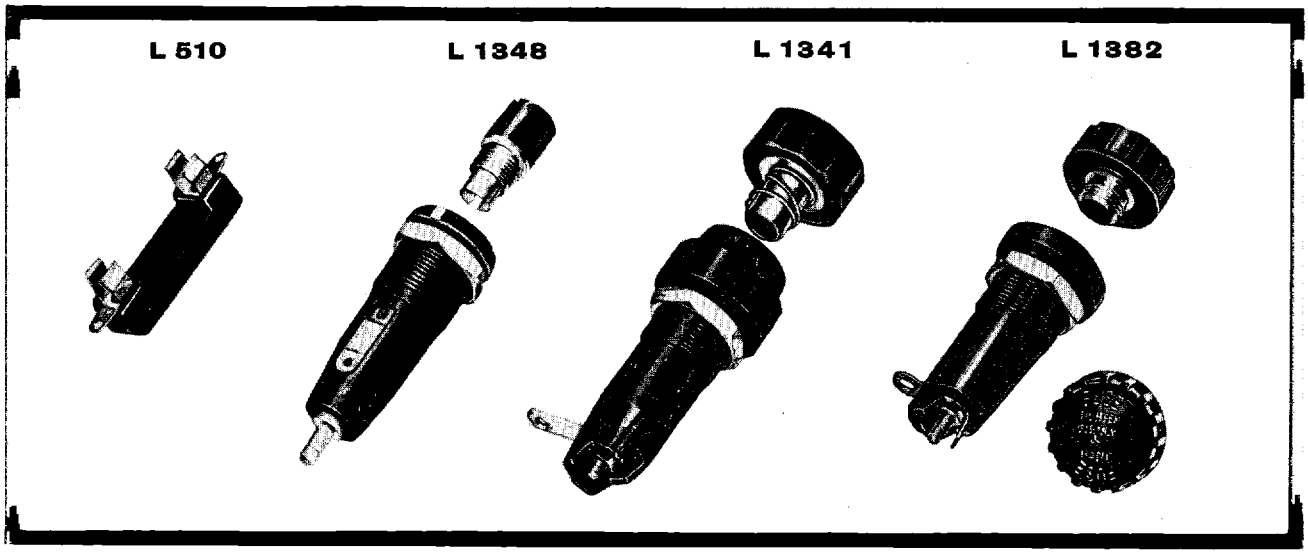






Fuseholders

size 0



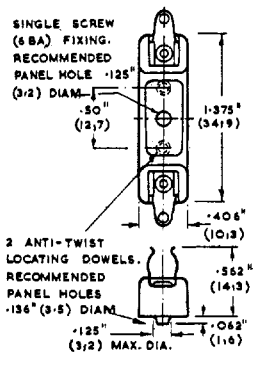
L510 Fuseholder, open, single-pole
L1348 Fuseholder, panel
Qualification approved

L1341 Fuseholder, panel, bayonet-locking
L1341/H with test-prod aperture, 0·051 in (1,3mm) diam.

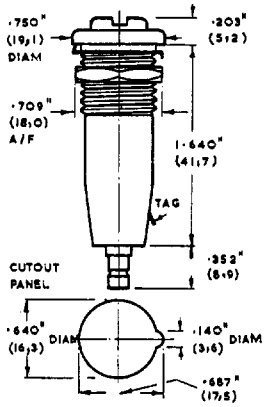
L1382 Fuseholder, panel, sealed
Qualification approved
L1382/H with test-prod aperture, 0·094 in (2,4mm) diam.

	L510	L1348	L1341	L1382
Specification:	–	RCS 262. Issue 2	–	DEF.64
Current Rating:*	7A	7A	15A	7A
Breakdown Voltage (d.c.):	>10kV	>9kV	>9kV	>10kV
Insulation Resistance:	$>10^3$ megohms	>100 megohms	$>10\times10^3$ megohms	>100 megohms
Insertion Resistance:	<10 milliohms	<5 milliohms	<5 milliohms	<15 milliohms
Humidity:	H_2 (RCS.11)	H_2 (RCS.11)	H_2 (RCS.11)	H_5 (DEF.5011)
Temperature Range:	–40°C to +70°C	–40°C to +100°C	–40°C to +100°C	–55°C to +70°C
Panel Thickness (max.):	–	0·4 in (10mm)	0·312 in (7,92mm)	0·312 in (7,92mm)
Fixing Torque:	–	0,57 Nm (5lbf-in)	2,71 Nm (24 lbf-in)	1,70 Nm (15 lbf-in)
Weight (average):	0·13 oz (3,71g)	0·7 oz (19,7g)	1·27 oz (36g)	0·84 oz (23,4g)

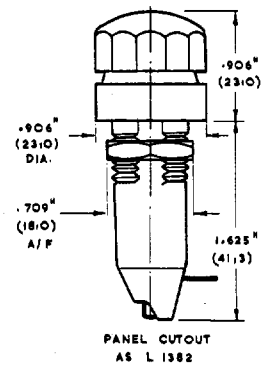
* Temperature rise ⩾40°C



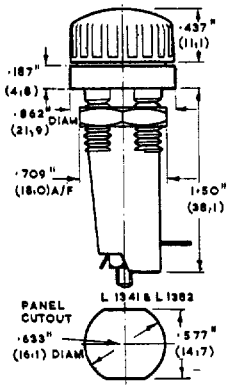
L510



L1348



L1341



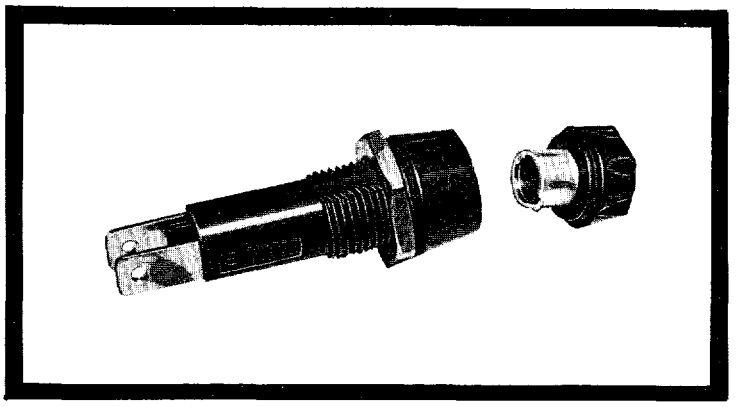
L1382

DIMENSIONS: Cut-outs minima, normal tolerance +0·005".
Overall sizes and fixing centres nominal.
Figures in brackets are approx. mm equivalents.

Fuseholder size 0

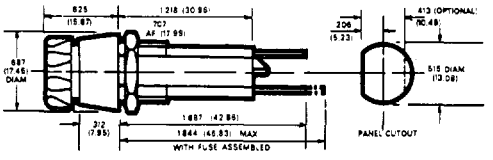
L 1744 FUSEHOLDER, PANEL, BAYONET LOCKING

A panel mounting fuseholder for 1¼" ¼" (32 x 6,3mm) fuse links fitting a 0.515" diameter panel piercing. It has a bayonet locking cap and connection posts suitable for soldering or for ¼" (6,3mm) solderless snap-on connectors. A special insulation barrier is incorporated to provide superior internal breakdown performance.



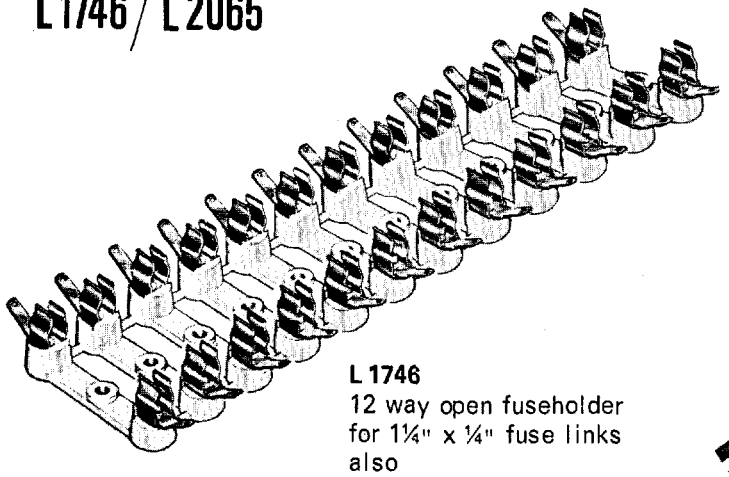
Current Rating:	30A max. (see de-rating table above)
Breakdown Voltage:	>4kV between terminations >10kV terminations to panel
Insulation Resistance:	>10 x 10^3 megohms
Insertion Resistance:	<2 milli-ohms
Humidity:	H5 (DEF.5011)
Temperature Range:	–55° to +100°C
Panel Thickness (max.):	0·313 in (7,9mm)
Fixing Torque (max.):	1,13 Nm (10lbf-in)
Moulding:	Phenolic
Contacts:	Brass, silver-plated
Weight (average):	13,7g (4 48 oz)

Current/temperature derating	
Current (amp)	Max. ambient temp. (°C)
5	90
10	75
15	65
20	50
25	40
30	30



AVAILABLE SHORTLY

L 1746 / L 2065

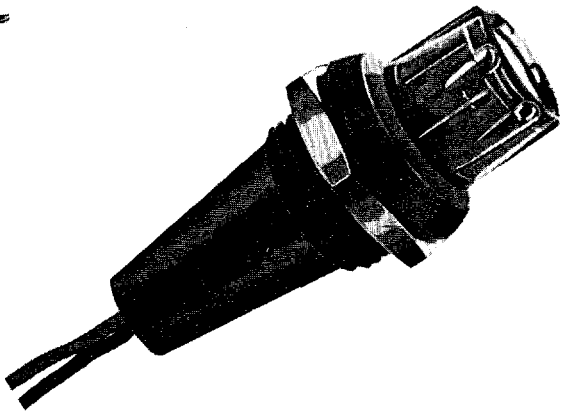


L 1746
12 way open fuseholder for 1¼" x ¼" fuse links also

L 2005
12 way open fuseholder for 20 x 5 mm fuse links.

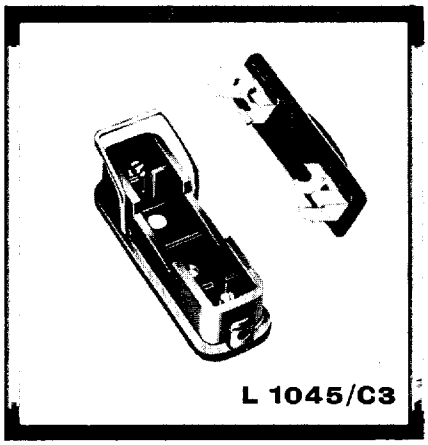
NEON INDICATOR

L 1897

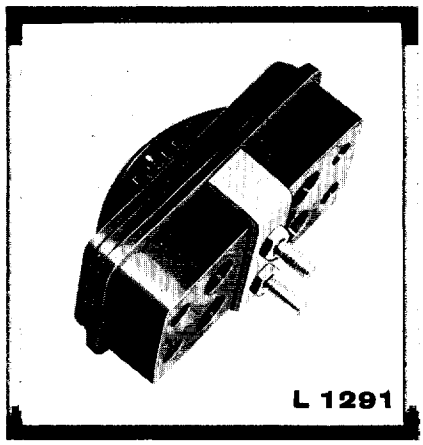


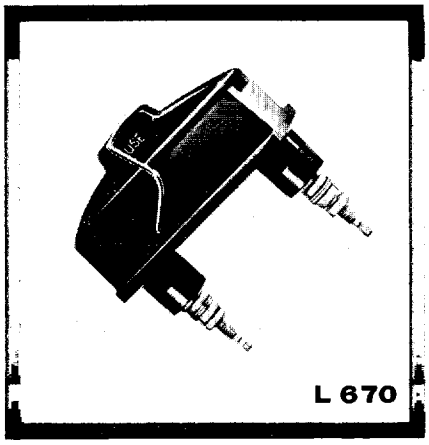
Fuseboxes

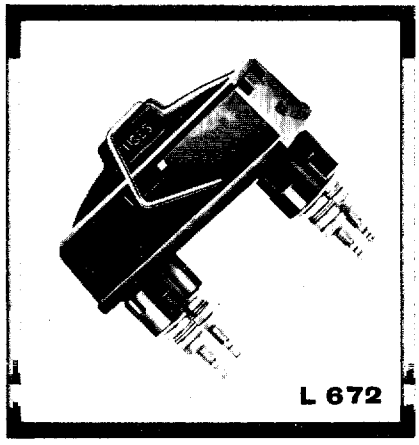
size 0

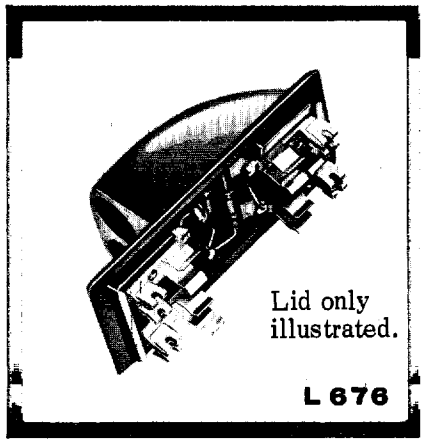

L 1045/C3


L 1033/C4


L 1291


L 670


L 672


Lid only illustrated.

L 676

L 1045/C3 Fusebox, single pole

L 1033/C4 Double pole version

Suitable for chassis or panel mounting, these fuseboxes accept standard 1¼" × ¼" fuse links. These are carried in the lid, and are automatically exposed and isolated from the circuit as the lid is raised. Leads may be inserted through the back or through the ends of the box.

L 1291 Fusebox, double pole, semi-recessed

The carrier of this robust component is retained by a central screw which may be wired to discourage unauthorised access. The body is secured by a clamp below the chassis.

Data

Current rating for 40°C temperature rise: 10A

Breakdown (d.c.): between poles >8kV
poles to chassis >4kV

Temperature range: –40° to +90°C

L 670 Fusebox, single pole, sealed

L 672 Double pole version.

These qualification approved components have beryllium-copper fuse clips, precipitation hardened, which provide consistent contact pressure on the fuse links. Technical data is on page E11.

L 676 Fusebox, indicating, double pole, sealed

Similar to L672, but this unit has two neon lampholders incorporated, with a resistor network so wired that each lamp is extinguished when the associated fuse link blows. The non-reversible lid also fits the L672 base. Supplied without lamps; GEC type 9 and Hivac type 7L are suitable.

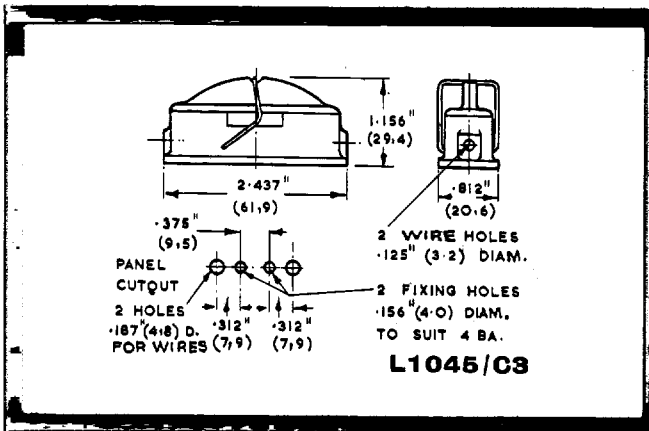
Data: See page E11.

Fuseboxes

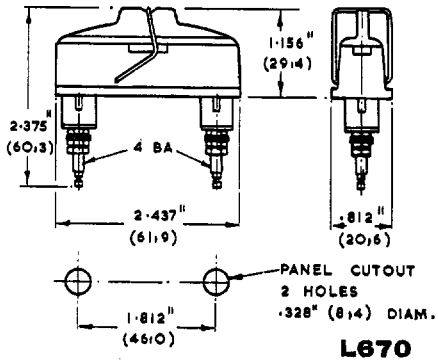
size 0

DIMENSIONS

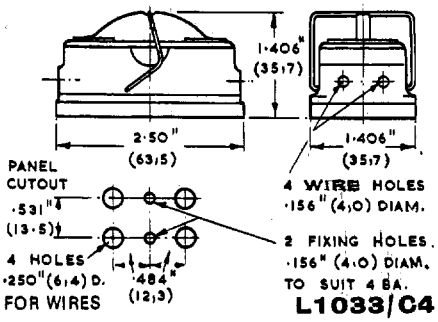
Cut-outs minima, normal tolerance +0·005"
Overall sizes and fixing centres nominal.
Figures in brackets are approx. mm equivalents.



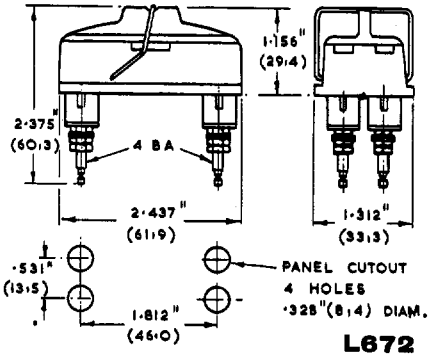
L1045/C3



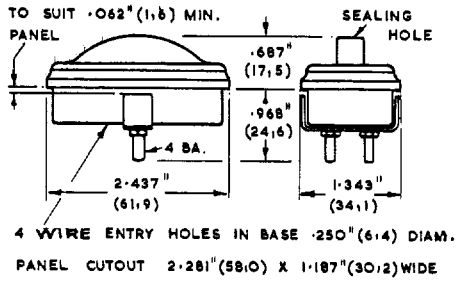
L670



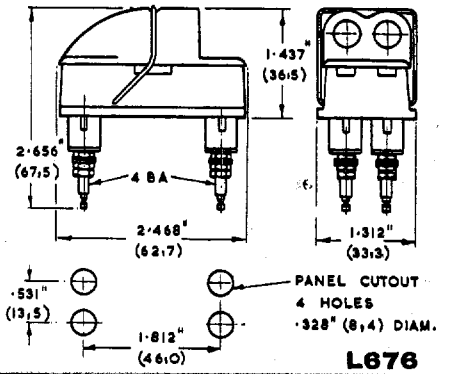
L1033/C4



L672



L1291



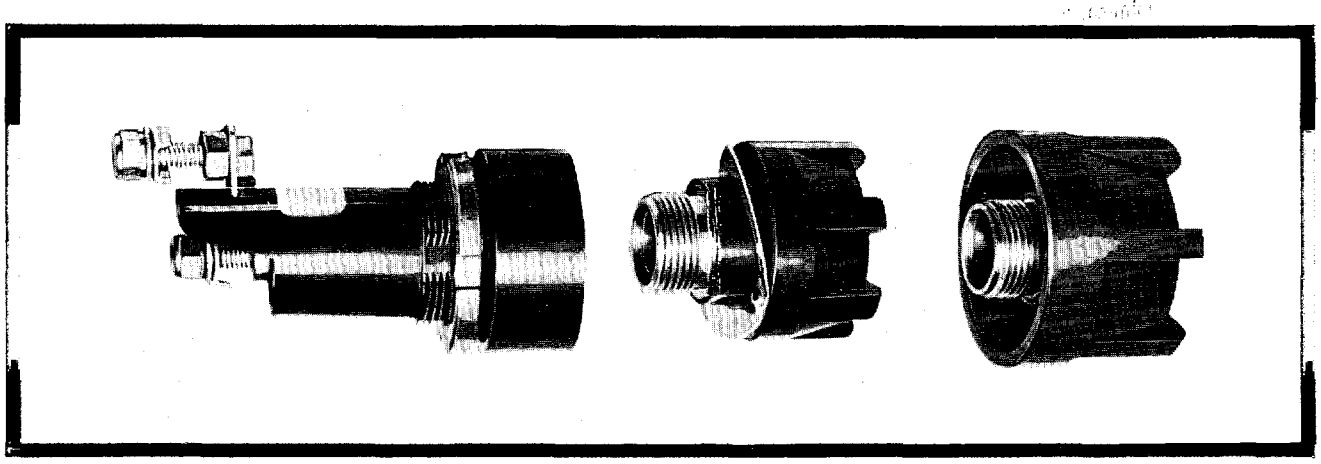
L676

Belling Lee Reference No.	L670 and L672	L676
Specification:*	DEF.64	–
Current Rating:	>7A	10A
Breakdown Voltage (d.c.):	at sea level–at 18000m (60,000 ft)	sea level–18000m
Between Poles:	10kV >1kV	2kV <900V
Poles to Chassis:	>7kV >1kV	8kV >1kV
Insulation Resistance:	>100 megohms	$>10^3$ megohms
Insertion Resistance (per pole):	<20 milliohms	<10 milliohms
Humidity:	Class H_5 (DEF.5011)	–
Temperature Range:	–55°C to +70°C	–
Panel Thickness (max.):	3,2mm (0·125 in)	3,2mm (0·125 in)
Weight (average):	L670, 36g (1·1 oz) L672, 65,2g (2·3 oz)	77,9g (2·7 oz)

*Temperature rise ⩽ 40°C

Fuseholders

sizes 1 & 2



Size 1 Fuseholders, panel sealed

L 1302 Complete fuseholder, with large lid
L 1303 As above, but with standard lid

Size 2 Fuseholders, panel sealed

L 1304 Complete fuseholder, with large lid
L 1305 As above, but with standard lid

DIMENSIONS

Cut-outs minima, normal tolerance +0·005"
Overall sizes and fixing centres nominal
Figures in brackets are approx. mm equivalents.

This series of panel mounting fuseholders was developed in collaboration with the Ministry of Supply, for use in military air, sea, and land vehicles, but has many industrial applications, too.

Fuse link withdrawal is effected automatically as the lid is unscrewed. The variety with the larger lid provides a fingerguard and increased creepage path for additional safety, permitting a higher working voltage to be used.

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 ringnut. The terminals are supplied complete with washers and shakeproof nuts.

	L 1302	L 1303	L 1304	L 1305
Current Rating:	15A	15A	30A	30A
Max. Working Volts: (Services' rating)	440V a.c.	250V peak	440V a.c.	250V peak
Insulation Resistance:	>100 MΩ	>100 MΩ	>100 MΩ	>100 MΩ
Insertion Resistance:	<5 mΩ	<5 mΩ	<5 mΩ	<5 mΩ
Temperature Range:	−40° to +100°C	−40° to +100°C	−40° to +100°C	−40° to +100°C
Sealing:	Leakage less than 1cc/h at 15 lbf/in²			
Panel Thickness (max.):	0.204 in (5,2 mm)	0.204 in (5,2 mm)	0.204 in (5,2 mm)	0.204 in (5,2 mm)
Weight (average):	2·25 oz (64g)	2·0 oz (57g)	4·4 oz (125g)	6·6 oz (187g)

*** Temperature rise ⩽ 40°C**