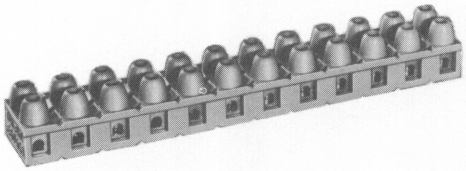
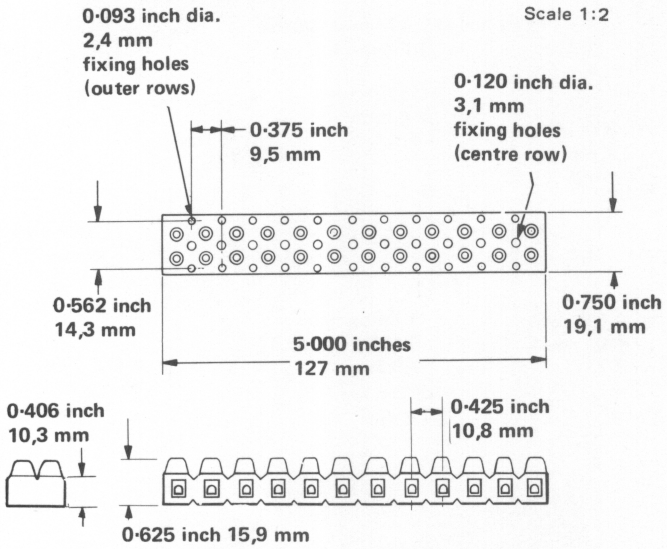
Flexible terminal blocks

1. Safe against mechanical shock and vibration.
2. Easily sub-divided with a knife. Can be secured on curved or regular surfaces.
3. Fully shrouded terminal screws are protected against accidental contact.
4. Wires are fully shrouded right up to brass terminals.
5. Domed ends to the terminal screws minimise damage to conductors (L1639B and L1639B/Ni have pressure pads, see below).
6. Clean or nickel-plated brass terminals.
7. Grey PVC mouldings harmonise with most equipment.
8. Other colours available for bulk orders.

L1473 and L1469 are skeletonised for greater flexibility, without any loss of performance, while the L1469 and L1409 lead-through terminal blocks overcome the problem of bringing leads through a bulkhead, obviating the need for separate cable bushes, as well as eliminating all risk of damage to terminal wiring.

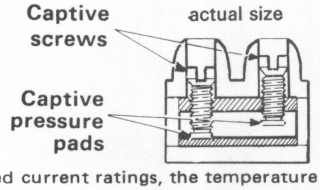
L1639B and L1639B/Ni Flexible terminal blocks



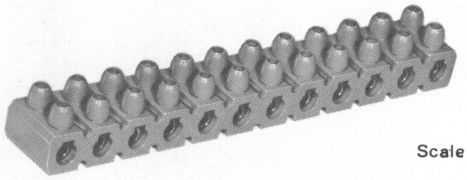


In these terminal blocks the tip of each screw incorporates a circular metal pad on which the screw is free to rotate. This pad remains in stationary contact with the conductor, applying pressure only, and thus a wide range of sizes is accommodated without risk of fracturing the finest strands.

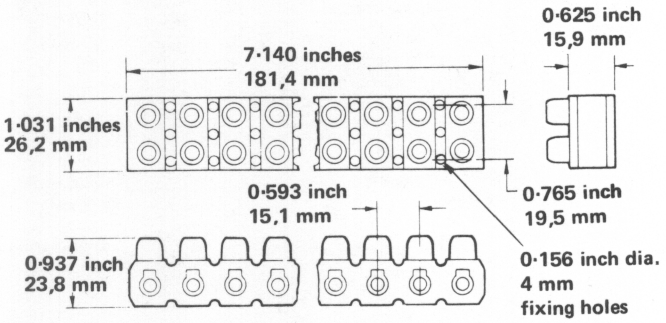
*** Current rating:**	20 A
Breakdown voltage (d.c.):	>8 kV (6kV to chassis)
Creepage distance:	0·36 inch 9,1 mm
	0·14 inch 3,6 mm to chassis
Insulation resistance:	$>10 \times 10^3$ megohms
Temperature range:	–55 °C to + 70 °C (Ambient)
Humidity:	Class H6 (DEF - 5011)
Wire size (maximum):	7/0·85 mm or 50/0·25 mm
Weight (average):	55 g 1·9 oz



L1325 and L1325/Ni

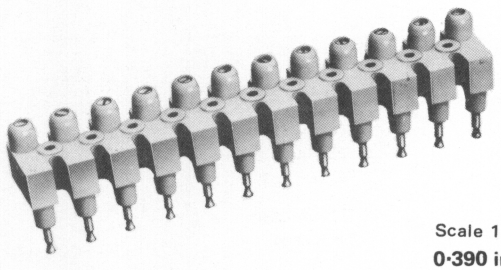


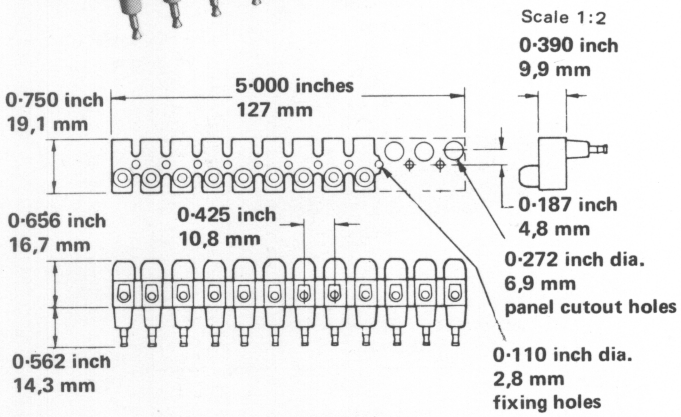
Scale 1:3



***Current rating:**	42 A
Breakdown voltage (d.c.):	>10 kV (8 kV to chassis)
Creepage distance:	
Between terminals	0·42 inch 10,7 mm
Terminals to chassis	0·25 inch 6,3 mm
Insulation resistance:	$\geqslant 10 \times 10^3$ megohms
Temperature range:	–55 °C to + 70 °C (Ambient)
Humidity:	Class H6 (DEF - 5011)
Wire size (maximum):	7/1,35 mm
Weight (average):	158 g 5·5 oz

L1469 and L1469/Ni

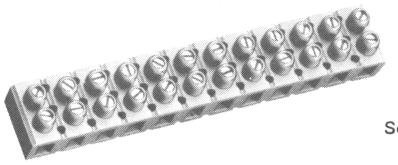




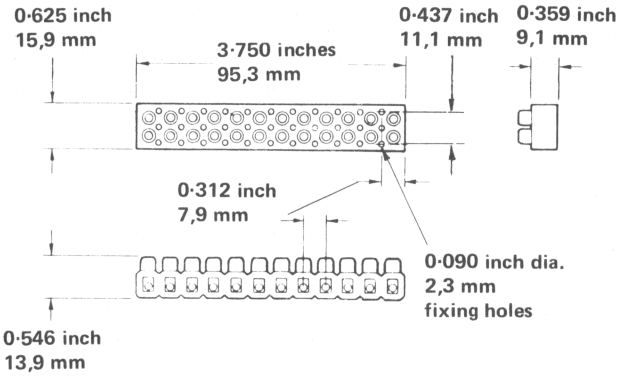
***Current rating:**	20 A
Breakdown voltage (d.c.):	>10 kV (6 kV to chassis)
Creepage distance:	
Between terminals	0·71 inch 18 mm
Terminals to chassis	0·14 inch 3,6 mm
Insulation resistance:	$\geqslant 10 \times 10^3$ megohms
Temperature range:	–55 °C to + 70 °C (Ambient)
Humidity:	Class H6 (DEF - 5011)
Wire size (maximum):	7/0,85 mm or 50/0,25 mm
Weight (average):	60 g 2·15 oz

*At specified current ratings, the temperature rise is less than 20 °C above normal ambient (20 °C). Note: Suffix Ni denotes that the terminals are nickel-plated.

L1350 and L1350/Ni

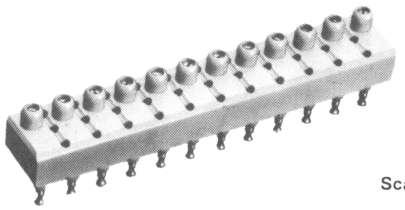


Scale 1:2

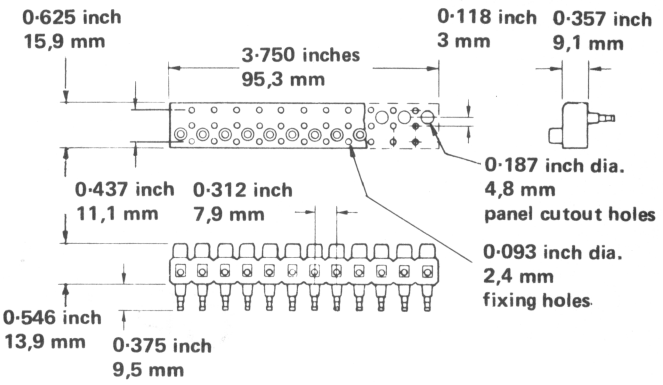


***Current rating:**	15 A
Breakdown voltage (d.c.):	>7 kV (5 kV to chassis)
Creepage distance:	
Between terminals:	0·33 inch 8,4 mm
Terminals to chassis:	0·17 inch 4,3 mm
Insulation resistance:	$\geqslant 10 \times 10^3$ megohms
Temperature range:	–55 °C to + 70 °C (Ambient)
Humidity:	Class H6 (DEF - 5011)
Wire size (maximum):	1/1,78 mm or 30/0,25 mm
Weight (average):	30,5 g 1·08 oz

L1409 and L1409/Ni

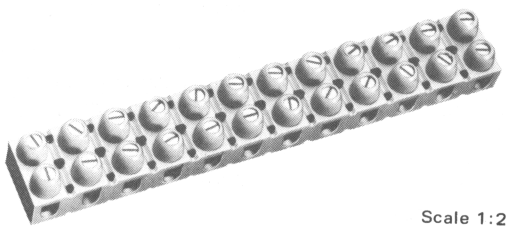


Scale 1:2

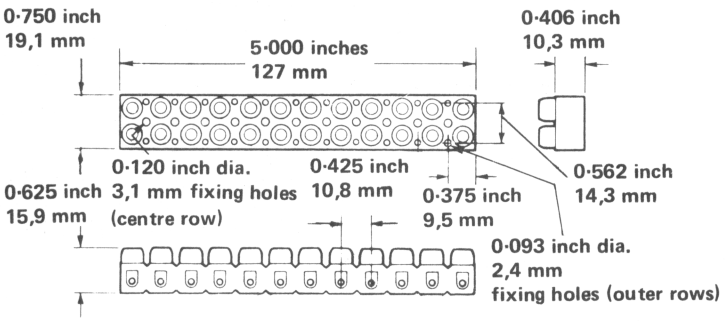


***Current rating:**	15 A
Breakdown voltage (d.c.):	>6 kV (4·5 kV to chassis)
Creepage distance:	
Between terminals:	0·33 inch 8,4 mm
Terminals to chassis:	0·17 inch 4,3 mm
Insulation resistance:	$\geqslant 10 \times 10^3$ megohms
Temperature range:	–55 °C to + 70 °C (Ambient)
Humidity:	Class H6 (DEF - 5011)
Wire size (maximum):	1/1,78 mm or 30/0,25 mm
Weight (average):	37 g 1·3 oz

L744 and L744/Ni

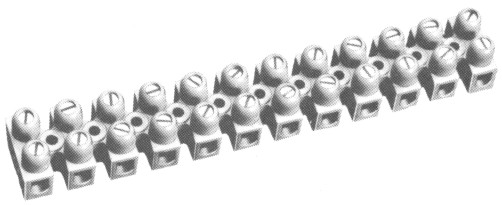


Scale 1:2

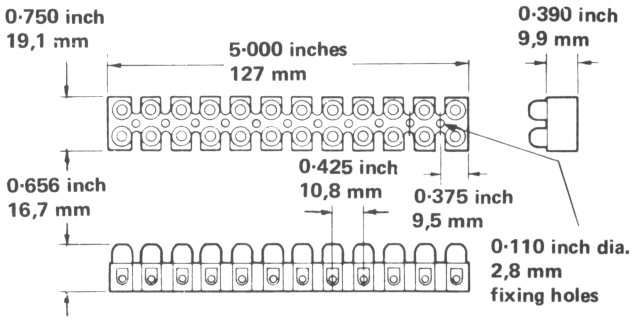


***Current rating:**	20 A
Breakdown voltage (d.c.):	>8 kV (6 kV to chassis)
Creepage distance:	
Between terminals:	0·36 inch 9,1 mm
Terminals to chassis:	0·15 inch 3,8 mm
Insulation resistance:	$\geqslant 10 \times 10^3$ megohms
Temperature range:	–55 °C to + 70 °C (Ambient)
Humidity:	Class H6 (DEF - 5011)
Wire size (maximum):	7/0,85 mm or 50/0,25 mm
Weight (average):	57 g 2 oz

L1473 and L1473/Ni



Scale 1:2



***Current rating:**	20 A
Breakdown voltage (d.c.):	>10 kV (6 kV to chassis)
Creepage distance:	
Between terminals:	0·69 inch 17,6 mm
Terminals to chassis:	0·15 inch 3,8 mm
Insulation resistance:	$\geqslant 10 \times 10^3$ megohms
Temperature range:	–55 °C to + 70 °C (Ambient)
Humidity:	Class H6 (DEF - 5011)
Wire size (maximum):	7/0,85 mm or 50/0,25 mm
Weight (average):	48 g 1·75 oz

*At specified current ratings, the temperature rise is less than 20 °C above normal ambient (20 °C). Note : Suffix Ni denotes that the terminals are nickel-plated.