

Lead Connectors, Trailing Sockets and Portable Sockets

Standards and approvals

2 pin lead connectors comply with IEC 884-1: 1994.

3 pin lead connectors comply with IEC884-1: 1994 and BS 5733: 1995.

All 13A trailing socket outlets comply with BS 1363/A: Part 2: 1995.

15A Round pin trailing socket outlets comply with BS 5733: 1995 and BS 546 for plug pin aperture and engagement face dimensions.

All 13A portable socket outlets comply with BS 1363/A: Part 2: 1995.

Replacement fuses where fitted are to BS 1362.



Technical specification

Electrical

Voltage rating:
250V a.c.

Current rating:
As 'Product range' table

Terminal capacities:
Lead connector – 1.0mm² conductor
Trailing/Portable socket – 1.5mm² conductor

Max. cable capacity:
Lead connector – LCP102: 2-core insulated cable with 1.0mm² conductors, LCP103: 3-core insulated cable with 1.0mm² conductors. 11mm overall diameter
Trailing/Portable sockets – 3-core insulated cable with 1.5mm² conductors, 11mm overall diameter

Physical

Ambient operating temperature:
–5°C to +40°C

Max. installation altitude:
2000 metres

Description

A range of tough, rewirable lead connectors for use with extension leads for domestic, garden and light workshop applications. Two pin lead connectors are only for use with double insulated class 2 appliances. Three pin lead connectors must be used with earthed appliances.

Filtered socket only

Protects electronic equipment by filtering mains borne interference such as Voltage spikes. This product is manufactured in accordance with BS EN ISO 9002 and complies with the LV (72/23/EEC) directive.

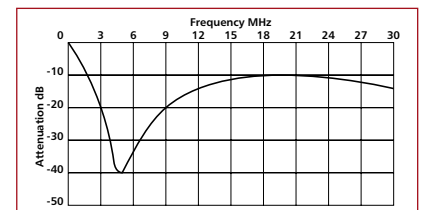
Filtered Response Characteristics

Mains filter rated at 250v RMS and 0.15μF

Varistor (Transient Voltage Suppressor) has a more constant voltage 275v ac

Clamping voltage @ 40A: 665v

Milliwatt constant: 800



Installation

These products should not be allowed to lie in excessively damp areas, e.g. wet grass, puddles etc.

Care must be taken to avoid contact with petroleum spirits.

For added safety trailing sockets should be used in conjunction with a residual current device (RCD).

Features

Lead connectors

- Manufactured with a thermoplastic elastomer cover and polypropylene inserts
- Integral cable grips
- Retaining lugs to prevent accidental disconnection

Trailing sockets

- Manufactured from tough ABS/Polycarbonate with rubber cover. FC153 is all-rubber construction
- All internal component parts are retained in the base for ease of wiring
- Visible red nylon shutters

Portable sockets

- Manufactured from high impact resistant ABS/Polycarbonate
- Equal length wire stripping for ease of wiring
- Visible red nylon shutters
- Optional wall mounting holes

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TECHNICAL DATA GUIDE					
Product Code	Socket Outlets	Cable Length Cable	Cable Specification	Plug Type	Plug Fuse Rating
EXL 135 WHI	13A 4-gang socket with fuse and neon, manufactured from high impact resistant ABS/Polycarbonate thermoplastic to BS1363 BS1363A: Part 2: 1995. Colour white.	2	1.25mm ² <HAR> 3-core PVC insulated cable to BS 6500: 1994: Table 16/IEC227-5. Colour white.	Rubber cover type PF133. Colour white.	13
EXL 135 BLK	13A 4-gang socket with fuse and neon, manufactured from high impact resistant ABS/Polycarbonate thermoplastic to BS1363 BS1363A: Part 2: 1995. Colour black.	2	1.25mm ² <HAR> 3-core PVC insulated cable to BS 6500: 1994: Table 16/IEC227-5. Colour black.	Rubber cover type PF133. Colour black.	13
EXL 136 WHI	13A 4-gang socket with switch and neon, manufactured from high impact resistant ABS/Polycarbonate thermoplastic to BS1363 BS1363A: Part 2: 1995. Colour white.	2	1.25mm ² <HAR> 3-core PVC insulated cable to BS 6500: 1994: Table 16/IEC227-5. Colour white.	Rubber cover type PF133. Colour white.	13
EXL 136 BLK	13A 4-gang socket with switch and neon, manufactured from high impact resistant ABS/Polycarbonate thermoplastic to BS1363 BS1363A: Part 2: 1995. Colour black.	2	1.25mm ² <HAR> 3-core PVC insulated cable to BS 6500: 1994: Table 16/IEC227-5. Colour black.	Rubber cover type PF133. Colour black.	13
EXL 137 WHI	13A 4-gang socket with fuse, switch and neon, manufactured from high impact resistant ABS/Polycarbonate thermoplastic to BS1363 BS1363A: Part 2: 1995. Colour white.	2	1.25mm ² <HAR> 3-core PVC insulated cable to BS 6500: 1994: Table 16/IEC227-5. Colour white.	Rubber cover type PF133. Colour white.	13
EXL 137 BLK	13A 4-gang socket with fuse, switch and neon, manufactured from high impact resistant ABS/Polycarbonate thermoplastic to BS1363 BS1363A: Part 2: 1995. Colour black.	2	1.25mm ² <HAR> 3-core PVC insulated cable to BS 6500: 1994: Table 16/IEC227-5. Colour black.	Rubber cover type PF133. Colour black.	13
EXL 131 WHI DPK	1-gang 13A socket, manufactured with a high impact resistant thermoplastic base and tough rubber cover to BS1363A: Part 2: 1995. Colour white.	4	1.25mm ² <HAR> 3-core PVC insulated cable to BS 6500: 1994: Table 16/IEC227-5. Colour white.	Rubber cover type PF133. Colour white.	13A
EXL 132 WHI DPK	2-gang 13A socket, manufactured with a high impact resistant thermoplastic base and tough rubber cover to BS1363A: Part 2: 1995. Colour white.	4	1.25mm ² <HAR> 3-core PVC insulated cable to BS 6500: 1994: Table 16/IEC227-5. Colour white.	Rubber cover type PF133. Colour white.	13
EXL 142 ORG	10A 2-pin weather resistant socket connector protected to international protection code IPX4. Manufactured from Nylon/PVC and complies with BS6991: 1990. Colour orange for use with double insulated class 2 appliances.	20	1mm ² <HAR> 2-core PVC insulated cable to BS6500: 1994: Table 16 / IEC227-5. Colour orange.	Rubber cover type PF133. Colour orange.	10A