Technical Data

13 Amp Fused Connection Units With Flex Outlet

Brief product description:

The subtle design will blend with any décor - suitable for domestic or commercialinstallations.

2 depths of frontplate available to allow for flex outlet and concealed wiring options.

Fused Connection Units are available with Neon Indicators & Flex Outlets.

Features:

- Stylish modern profile
- Covers to conceal fixing screws
- Colour coded terminals with backed out captive screws for easy installation
- Flush LED power indicator on 853 & 857
- Cable entry in lower edge with removable blanking piece and reversible cord grip on 851 & 853

Product Images

851

853

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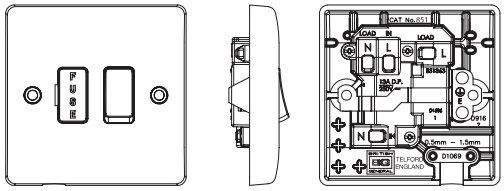
857

Technical Specifications

Standard(s)	BS 1363 Part 4
ASTA Approval	License Number 1015
Rating	13 Amp 250V~
Switch Type	Double pole
Contact Gap	3.0mm minimum
Terminal Capacity	3 x 2.5mm² 2 x 4.0mm² 1 x 6.0mm²
RoHS Directive	No
WEEE Directive	No
Mounting Box Depth(Min)	35mm
Fixing Centres	60.3
Size	86mm x 86mm x 28.8mm

13 Amp Fused Connection Units With Flex Outlet

Line Diagrams



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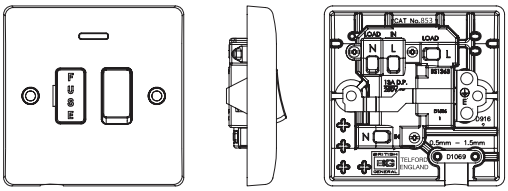

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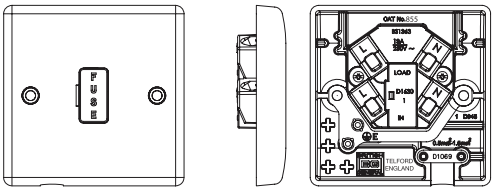

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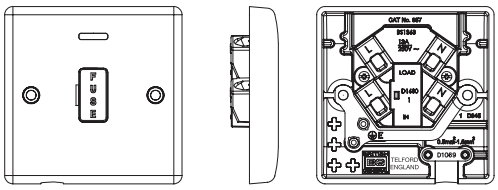


857

Packaging Information

Cat No.	Description	Packaging Type			Pack Quantity			Barcode		
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Individual	Inner Box	Outer Box
851	13A Switched Fused	Nexus PolyBag	Nexus Inner	Nexus Outer	1	10	100	5050765001243	5050765001250	5050765001267
853	13A Switched Fused	Nexus PolyBag	Nexus Inner	Nexus Outer	1	10	100	5050765001304	5050765001311	5050765001328
855	13A Unswitched Fused	Nexus PolyBag	Nexus Inner	Nexus Outer	1	10	100	5050765001489	5050765001496	5050765001502
857	13A Unswitched Fused	Nexus PolyBag	Nexus Inner	Nexus Outer	1	10	100	5050765001540	5050765001557	5050765001564

Weights & Dimensions

Cat No.	Description	Dimension (W x L x H) cm			Weight (g)			CBM (m^3)
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Outer Box
851	13A Switched Fused	8.6 x 8.6 x 2.3	15 x 18 x 9	31 x 50 x 19	114	1240	13800	0.03
853	13A Switched Fused	8.6 x 8.6 x 2.3	15 x 18 x 9	31 x 50 x 19	135	1450	14860	0.03
855	13A Unswitched Fused	8.6 x 8.6 x 2.3	15 x 18 x 9	31 x 50 x 19	95	1050	10800	0.03
857	13A Unswitched Fused	8.6 x 8.6 x 2.3	15 x 18 x 9	31 x 50 x 19	129	1390	14240	0.03

Installation Information

Safety Warning

Before use please read carefully and use in accordance with these safety wiring instructions.

Before commencing any electrical work ensure the supply **is switched off at the mains**. Either by switching off the consumer unit or by removing the appropriate fuse.

Wiring should be in accordance with the latest edition of the IEE regulations (BS 7671).

Wire Identification – Twin & Earth Cable

EARTH = Green/Yellow Sleeving

NEUTRAL = Black (pre Apr 04) / Blue (after Apr 04)

LIVE = Red (pre Apr 04) / Brown (after Apr 04)

Technical Helpline: 03300 249 279
If in doubt consult a competent electrician.

The ends of the individual conductors should have the insulation removed by approx.12mm. Any bare earth conductors should be sleeved to within 12mm of the ends. (These details are for general information only and conductor lengths may need to be trimmed in certain installations).

13 Amp Fused Connection Units With Flex Outlet

Installation Information

General Installation Instructions

1) If using the new product to replace an old one, note the cable connections and wire up new product in the same way as the old one, with Earthing as stated in these instructions.
2) Ensure the mounting box (metal or patress) for either flush or surface mounting is the appropriate size for the product.
3) Route the cable through the most suitable entry point of the mounting box. If a metal box is used, a protective cable grommet should be used.
4) Cables should be prepared so a sufficient conductor length reaches the terminals. Strip the ends of the individual conductors so that an adequate length enters the terminals.
5) Carefully arrange the wiring to lie along the edges of the product or box, keeping the central area clear.
6) To assist with the correct installation please consult the appropriate wiring diagram on this leaflet.
7) When connecting the new accessory ensure that only the bare end of the wire enters the terminal, and no bare wires are visible. Always tighten the terminal screws securely, but do not overtighten. An earth connection should always be made between the mounting box earth terminal, and the accessory earth terminal, where fitted. If this earth wire is bare, it is essential that it is sheathed with a length of green/yellow sleeving.
8) Carefully position the accessory into the wall box, ensuring that no wires are trapped between the plate and the wall. Do not overtighten the screws. (Fit screw covers + clip-on)
9) Once work has been completed correctly, replace the fuse for the circuit, switch the power back on, and test.

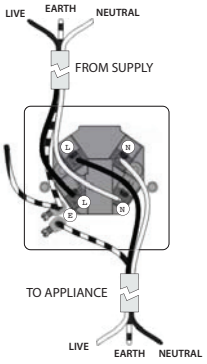
The product is now ready for use.

* Note - If your installation uses a four lug metal mounting box, remove the top and bottom lugs or bend fully back.

Unswitched FCU Without Flex Outlet

This product has no cable entry, and should only be used for "hard"wired installations.

Connect the cables as shown in the diagram.

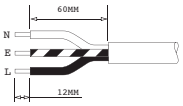


All earth wires must be sleeved and terminated to the back box

Unswitched FCU With Flex Outlet

The flex outlet arrangement comprises a fixed portion integral to the main unit and a movable clamp portion, held in place by a screwed fixing. The appliance cable exits through the aperture on the front/bottom face of the unit.

1. Prepare the flexible cable from the appliance as shown in the diagram below.*



*NOTE - The cord clamps are reversible and should be orrientated to suit cable size to give proper clamping.

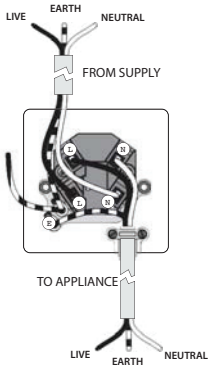
2. Loosen the cord grip screw fixing and pass cable through aperture.
3. Connect wires as shown in diagram.
4. Adjust protrusion of cable in clamp so that wires are not taught and then fully tighten clamp to securely grip cable outer sheath. DO NOT clamp on individual wires.

Important

The cable MUST be clamped tight on outer sheath to ensure the cable connections are not damaged or disconnected through subsequent movement of cable or appliance.

Flex Outlet Method – Plastic Front Plates

Cable Exits From Supply On The Bottom Face



All earth wires must be sleeved and terminated to the back box

Replacing The Fuse

1. Using a flat bladed screw-driver, carefully leaver open the fuse carrier.
2. Pull the carrier out and replace the fuse.

Note - the fuse carrier cannot be fully removed from the product.

3. Fit a new fuse (to BS1362) and push the carrier home so it sits flush with the surface of the faceplate.

If the new fuse fails again, check the connected appliance as it may be faulty or the total load of 13 Amps, 3120 Watts has been exceeded.

For a 3 Amp connection unit the total load should not exceed 720 Watts.

Technical Data

13 Amp Fused Connection Units

Brief product description:

The subtle design will blend with any décor - suitable for domestic or commercialinstallations.

2 depths of frontplate available to allow for flex outlet and concealed wiring options.

Fused Connection Units are available with Neon Indicators & Flex Outlets.

Features:

- Stylish modern profile
- Covers to conceal fixing screws
- Colour coded terminals with backed out captive screws for easy installation
- Flush LED power indicator on 852 & 856

Product Images

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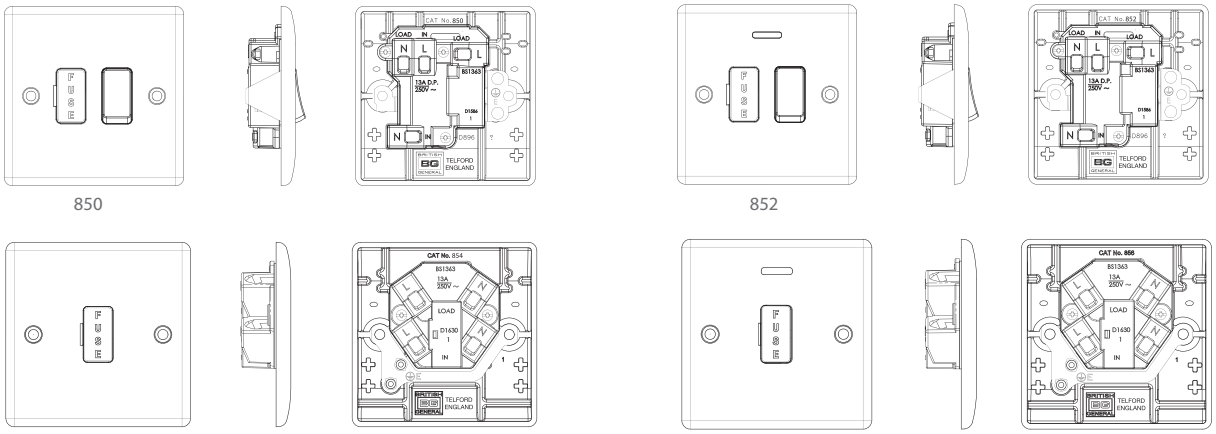
Technical Specifications

Standard(s)	BS 1363 Part 4
ASTA Approval	License Number 1015
Rating	13 Amp 250V~
Switch Type	Double pole
Contact Gap	3.0mm minimum
Terminal Capacity	3 x 2.5mm² 2 x 4.0mm² 1 x 6.0mm²
RoHS Directive	No
WEEE Directive	No
Mounting Box Depth(Min)	35mm
Fixing Centres	60.3
Size	86mm x 86mm x 28.8mm

13 Amp Fused Connection Units

Line Diagrams



Packaging Information

Cat No.	Description	Packaging Type			Pack Quantity			Barcode		
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Individual	Inner Box	Outer Box
850	13A Switched Fused	Nexus PolyBag	Nexus Inner	Nexus Outer	1	10	100	5050765001212	5050765001229	5050765001236
852	13A Switched Fused	Nexus PolyBag	Nexus Inner	Nexus Outer	1	10	100	5050765001274	5050765001281	5050765001298
854	13A Unswitched Fused	Nexus PolyBag	Nexus Inner	Nexus Outer	1	10	100	5050765001458	5050765001465	5050765001472
856	13A Unswitched Fused	Nexus PolyBag	Nexus Inner	Nexus Outer	1	10	100	5050765001519	5050765001526	5050765001533

Weights & Dimensions

Cat No.	Description	Dimension (W x L x H) cm			Weight (g)			CBM (m^3)
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Outer Box
850	13A Switched Fused	8.6 x 8.6 x 2.3	15 x 18 x 9	31 x 50 x 19	113	1154	12100	0.03
852	13A Switched Fused	8.6 x 8.6 x 2.3	15 x 18 x 9	31 x 50 x 19	102	1144	12000	0.03
854	13A Unswitched Fused	8.6 x 8.6 x 2.3	15 x 18 x 9	31 x 50 x 19	96	1074	11200	0.03
856	13A Unswitched Fused	8.6 x 8.6 x 2.3	15 x 18 x 9	31 x 50 x 19	103	1294	12600	0.03

Installation Information

Safety Warning

Before use please read carefully and use in accordance with these safety wiring instructions.

Before commencing any electrical work ensure the supply **is switched off at the mains**. Either by switching off the consumer unit or by removing the appropriate fuse.

Wiring should be in accordance with the latest edition of the IEE regulations (BS 7671).

Wire Identification – Twin & Earth Cable

EARTH = Green/Yellow Sleeving

NEUTRAL = Black (pre Apr 04) / Blue (after Apr 04)

LIVE = Red (pre Apr 04) / Brown (after Apr 04)

Technical Helpline: 03300 249 279

If in doubt consult a competent electrician.

The ends of the individual conductors should have the insulation removed by approx.12mm. Any bare earth conductors should be sleeved to within 12mm of the ends. (These details are for general information only and conductor lengths may need to be trimmed in certain installations).

13 Amp Fused Connection Units

Installation Information

General Installation Instructions

1) If using the new product to replace an old one, note the cable connections and wire up new product in the same way as the old one, with Earthing as stated in these instructions.
2) Ensure the mounting box (metal or patress) for either flush or surface mounting is the appropriate size for the product.
3) Route the cable through the most suitable entry point of the mounting box. If a metal box is used, a protective cable grommet should be used.
4) Cables should be prepared so a sufficient conductor length reaches the terminals. Strip the ends of the individual conductors so that an adequate length enters the terminals.
5) Carefully arrange the wiring to lie along the edges of the product or box, keeping the central area clear.
6) To assist with the correct installation please consult the appropriate wiring diagram on this leaflet.
7) When connecting the new accessory ensure that only the bare end of the wire enters the terminal, and no bare wires are visible. Always tighten the terminal screws securely, but do not overtighten. An earth connection should always be made between the mounting box earth terminal, and the accessory earth terminal, where fitted. If this earth wire is bare, it is essential that it is sheathed with a length of green/yellow sleeving.
8) Carefully position the accessory into the wall box, ensuring that no wires are trapped between the plate and the wall. Do not overtighten the screws. (Fit screw covers + clip-on)
9) Once work has been completed correctly, replace the fuse for the circuit, switch the power back on, and test.

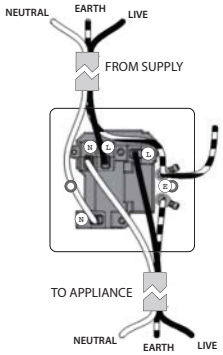
The product is now ready for use.

* Note - If your installation uses a four lug metal mounting box, remove the top and bottom lugs or bend fully back.

Switched FCU Without Flex Outlet

This product has no cable entry, and should only be used for "hard"wired installations.

Connect the cables as shown in the diagram.

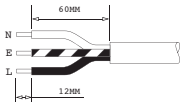


All earth wires must be sleeved and terminated to the back box

Switched FCU With Flex Outlet

The flex outlet arrangement comprises a fixed portion integral to the main unit and a movable clamp portion, held in place by a screwed fixing. The appliance cable exits through the aperture on the front/bottom face of the unit.

1. Prepare the flexible cable from the appliance as shown in the diagram below.*



*NOTE - The cord clamps are reversible and should be orrientated to suit cable size to give proper clamping.

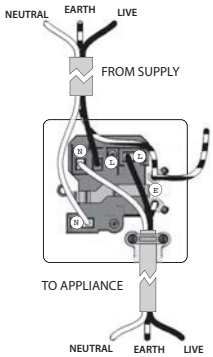
2. Loosen the cord grip screw fixing and pass cable through aperture.
3. Connect wires as shown in diagram.
4. Adjust protrusion of cable in clamp so that wires are not taught and then fully tighten clamp to securely grip cable outer sheath. DO NOT clamp on individual wires.

Important

The cable MUST be clamped tight on outer sheath to ensure the cable connections are not damaged or disconnected through subsequent movement of cable or appliance.

Flex Outlet Method – Plastic Front Plates

Cable Exits From Supply On The Bottom Face



All earth wires must be sleeved and terminated to the back box

Replacing The Fuse

1. Using a flat bladed screw-driver, carefully leaver open the fuse carrier.
2. Pull the carrier out and replace the fuse.

Note - the fuse carrier cannot be fully removed from the product.

3. Fit a new fuse (to BS1362) and push the carrier home so it sits flush with the surface of the faceplate.

If the new fuse fails again, check the connected appliance as it may be faulty or the total load of 13 Amps, 3120 Watts has been exceeded.

For a 3 Amp connection unit the total load should not exceed 720 Watts.

Technical Data

13 Amp Fused Connection Units

Brief product description:

A standard range of white moulded wall accessories offering superb quality and exceptional value.

Fused Connection Units are available with Neon Indicators.

Features:

- A standard design - suitable for domestic or commercial installations.
- Colour coded terminals with backed out captive screws for easy installation
- Flush LED power indicator on 951
- All versions have a flex outlet with cord grip in the lower edge with removable knockout.

Product Images

950

951

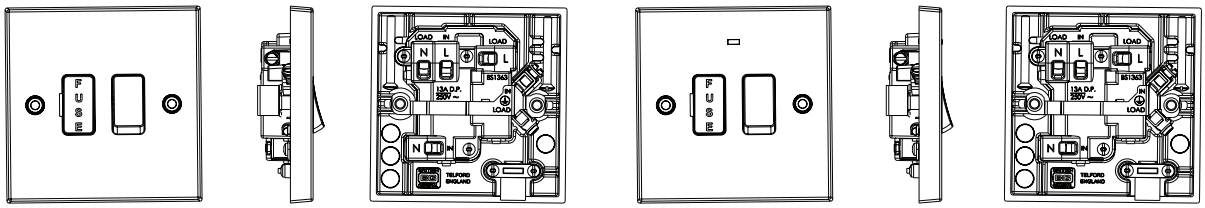
952 / 953

Technical Specifications

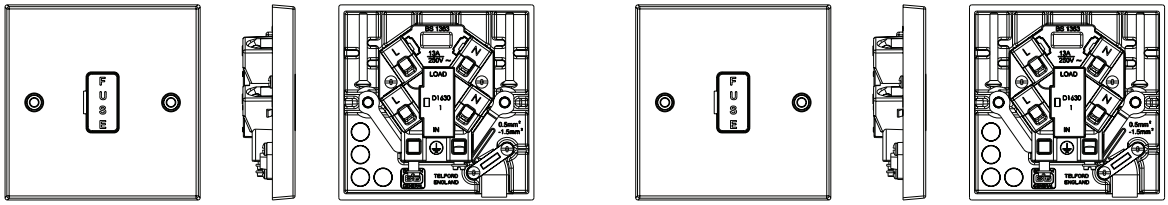
Standard(s)	BS 1363 Part 4
ASTA Approval	License Number 1015
Rating	13 Amp 250V~
Switch Type	Double pole
Contact Gap	3.0mm minimum
Terminal Capacity	3 x 2.5mm² 2 x 4.0mm² 1 x 6.0mm²
RoHS Directive	No
WEEE Directive	No
Mounting Box Depth(Min)	35mm
Fixing Centres	60.3
Size	86mm x 86mm x 28.8mm

13 Amp Fused Connection Units

Line Diagrams



950 951



952 953

Packaging Information

Cat No.	Description	Packaging Type			Pack Quantity			Barcode		
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Individual	Inner Box	Outer Box
950	13A Switched Fused	Plain Bag	Plain Inner	Plain Outer	1	10	100	5021166950003	5021166950096	5021166950089
951	13A Switched Fused	Plain Bag	Plain Inner	Plain Outer	1	10	100	5021166951000	5021166951093	5021166951086
952	13A Unswitched Fused	Plain Bag	Plain Inner	Plain Outer	1	10	100	5021166952007	5021166952090	5021166952083
953	13A Unswitched Fused with 3A Fuse	Plain Bag	Plain Inner	Plain Outer	1	10	100	5021166953004	5021166953097	5021166953080

Weights & Dimensions

Cat No.	Description	Dimension (W x L x H) cm			Weight (g)			CBM (m^3)
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Outer Box
950	13A Switched Fused	8.6 x 8.6 x 2.9	14 x 16.5 x 9.2	28.8 x 48 x 17.2	115	1150	12600	0.02
951	13A Switched Fused	8.6 x 8.6 x 2.9	14 x 16.5 x 9.2	28.8 x 48 x 17.2	120	1200	12700	0.02
952	13A Unswitched Fused	8.6 x 8.6 x 2.9	13.4 x 15.8 x 9.2	27.8 x 48 x 17	150	1050	11600	0.02
953	13A Unswitched Fused with 3A Fuse	8.6 x 8.6 x 2.9	13.4 x 15.8 x 9.2	27.8 x 48 x 17	150	1050	11800	0.02

13 Amp Fused Connection Units

Installation Information

Safety Warning

Before use please read carefully and use in accordance with these safety wiring instructions.

Before commencing any electrical work ensure the supply **is switched off at the mains**. Either by switching off the consumer unit or by removing the appropriate fuse.

Wiring should be in accordance with the latest edition of the IEE regulations (BS 7671).

Wire Identification – Twin & Earth Cable

EARTH = Green/Yellow Sleeving

NEUTRAL = Black (pre Apr 04) / Blue (after Apr 04)

LIVE = Red (pre Apr 04) / Brown (after Apr 04)

Technical Helpline: 03300 249 279
If in doubt consult a competent electrician.

The ends of the individual conductors should have the insulation removed by approx.12mm. Any bare earth conductors should be sleeved to within 12mm of the ends.
(These details are for general information only and conductor lengths may need to be trimmed in certain installations).

General Installation Instructions

1) If using the new product to replace an old one, note the cable connections and wire up new product in the same way as the old one, with Earthing as stated in these instructions.
2) Ensure the mounting box (metal or patress) for either flush or surface mounting is the appropriate size for the product.
3) Route the cable through the most suitable entry point of the mounting box. If a metal box is used, a protective cable grommet should be used.
4) Cables should be prepared so a sufficient conductor length reaches the terminals. Strip the ends of the individual conductors so that an adequate length enters the terminals.
5) Carefully arrange the wiring to lie along the edges of the product or box, keeping the central area clear.
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8) Carefully position the accessory into the wall box, ensuring that no wires are trapped between the plate and the wall. Do not overtighten the screws. (Fit screw covers + clip-on)
9) Once work has been completed correctly, replace the fuse for the circuit, switch the power back on, and test.

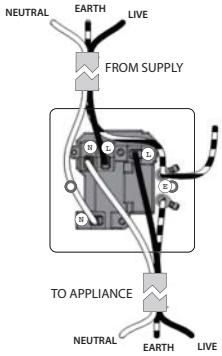
The product is now ready for use.

* Note - If your installation uses a four lug metal mounting box, remove the top and bottom lugs or bend fully back.

Switched FCU Without Flex Outlet

This product has no cable entry, and should only be used for "hard"wired installations.

Connect the cables as shown in the diagram.

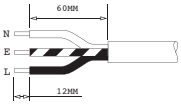


All earth wires must be sleeved and terminated to the back box

Switched FCU With Flex Outlet

The flex outlet arrangement comprises a fixed portion integral to the main unit and a movable clamp portion, held in place by a screwed fixing. The appliance cable exits through the aperture on the front/bottom face of the unit.

1. Prepare the flexible cable from the appliance as shown in the diagram below.*



*NOTE - The cord clamps are reversible and should be orrientated to suit cable size to give proper clamping.

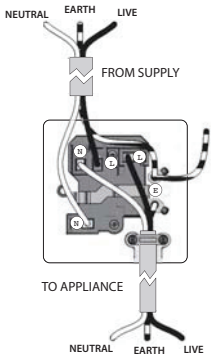
2. Loosen the cord grip screw fixing and pass cable through aperture.
3. Connect wires as shown in diagram.
4. Adjust protrusion of cable in clamp so that wires are not taught and then fully tighten clamp to securely grip cable outer sheath. DO NOT clamp on individual wires.

Important

The cable MUST be clamped tight on outer sheath to ensure the cable connections are not damaged or disconnected through subsequent movement of cable or appliance.

Flex Outlet Method – Plastic Front Plates

Cable Exits From Supply On The Bottom Face



All earth wires must be sleeved and terminated to the back box

Replacing The Fuse

1. Using a flat bladed screw-driver, carefully leaver open the fuse carrier.
2. Pull the carrier out and replace the fuse.

Note - the fuse carrier cannot be fully removed from the product.

3. Fit a new fuse (to BS1362) and push the carrier home so it sits flush with the surface of the faceplate.

If the new fuse fails again, check the connected appliance as it may be faulty or the total load of 13 Amps, 3120 Watts has been exceeded.

For a 3 Amp connection unit the total load should not exceed 720 Watts.