

UL-EU CERTIFICATE

Certificate No.
UL-EU-01375-EN

Issue date
2025-10-01

Issue No.
1

Re-Issue date
-

Expiry date
2035-09-30
(10 Years)



4705

This is to acknowledge that:
Blaze Trap Ltd

Address:
Unit 29, Penraevons Light Industrial Estate Jackson Road
Leeds
LS7 2AP

Has had Product:
Blazetrap Rapid Outlet Box System (ROBS)

evaluated and meets the requirements of the standards:

EN 13501-2: 2023

EAD 350454-00-1104, September 2017

Places of production:
A/031

Authorised Signatory:

A handwritten signature in blue ink, appearing to read 'Chris Johnson'.

Chris Johnson
Issued by UL International (UK) Ltd

This is to certify that representative samples of the Certified Product listed above have been investigated by Underwriters Laboratories to the Standard(s) indicated on this Certificate, in accordance with the UL Global Services Agreement and the UL-EU Mark Service Terms and Conditions ("Agreement"). The Certificate Holder is entitled to use the UL-EU Mark for the Certified Product listed on the certificate and manufactured at the production site(s) listed, in accordance with the terms of the Agreement. Only those products bearing the UL-EU Mark for Europe should be considered as being covered by UL's UL-EU Mark Service. This Certificate shall remain valid through the Expiration date, unless a Standard identified on this Certificate is amended or withdrawn prior to that date or there is a non-compliance with the Agreement.



Appendix UL-EU CERTIFICATE UL-EU-01375-EN

This certificate relates to the use of Blazetrap Rapid Outlet Box System (ROBS) for fire stopping where cable protrusion of socket boxes penetrates flexible or rigid walls. The detailed scope is given in pages 4 to 23 of this Certificate. This shows the thickness and acceptable dimensions, substrates and orientations required to provide fire resistance periods of up to 120 minutes (EI 120).

The product is certificated on the basis of:

- i) ETA 25/0262
- ii) CE - CERTIFICATE OF CONSTANCY OF PERFORMANCE 2821-CPR-0354
- iii) Inspection and surveillance of factory production control by UL
- iv) Fire resistance test data in accordance with 1366-3: 2021 & EN 1364-1: 2015
- v) Classification in accordance with EN 13501-2
- vi) Durability and Serviceability as defined in ETAG 026-2

The durability class of Blazetrap Rapid Outlet Box System (ROBS) is X - intended for use in conditions exposed to weathering.



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Product-type: Socket Box Insert		Intended use: Penetration Seal
Assessment method	Essential characteristic	Product performance
BWR 2 Safety in case of fire		
EN 13501-1	Reaction to fire	Euroclass E
EN 13501-2	Resistance to fire	Pages 4 to 23
BWR 3 Hygiene, health and environment		
EN 1026	Air permeability	No performance determined
EAD 350454-00-1104, Annex C	Water permeability	No performance determined
Declaration of manufacturer & EN 16516	Content, emission and/or release of dangerous substances	Use categories: IA1 Declaration of manufacturer
BWR 4 Safety in use		
EOTA TR 001:2003	Mechanical resistance and stability	No performance determined
EOTA TR 001:2003	Resistance to impact/movement	No performance determined
EOTA TR 001:2003	Adhesion	No performance determined
EAD 350454-00-1104, Clause 2.2.9	Durability	X
BWR 5 Protection against noise		
EN 10140-1,2,4,5/ EN ISO 717-1	Airborne sound insulation	Rw (C;C _{tr})= 64 (-2;-7) dB*
BWR 6 Energy economy and heat retention		
EN 12664, EN 12667, EN 12939, EN ISO 8990, EN ISO 6946, EN ISO 14683, EN ISO 10211, EN ISO 10456	Thermal properties	No performance determined
EN ISO 12572, EN 12086, EN ISO 10456	Water vapour permeability	No performance determined

*Applicable only for Blazetrap ROBS.



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Extended Application Blazetrap ROBS Size, Shape, Distances and Wall Types

The purpose of this document is to provide the principles and guidance to extend the application of Blazetrap ROBS to cover different sizes, shapes, distances and wall types from that originally tested. A number of tests detailed within this document provide the relevant information to give the formulation of an extended application. Due to the diverse nature of materials and constructions used in fire resistant separating elements, using principles common to all generic penetration seal types given in EN 1366-3 & prEN 1366-14.

Blazetrap Rapid Outlet Box System (ROBS) is certified for designs that have a maximum area of 100 cm². This includes any shape—square, rectangular, circular, or otherwise, the total area of each ROBS device cannot exceed 100 cm².

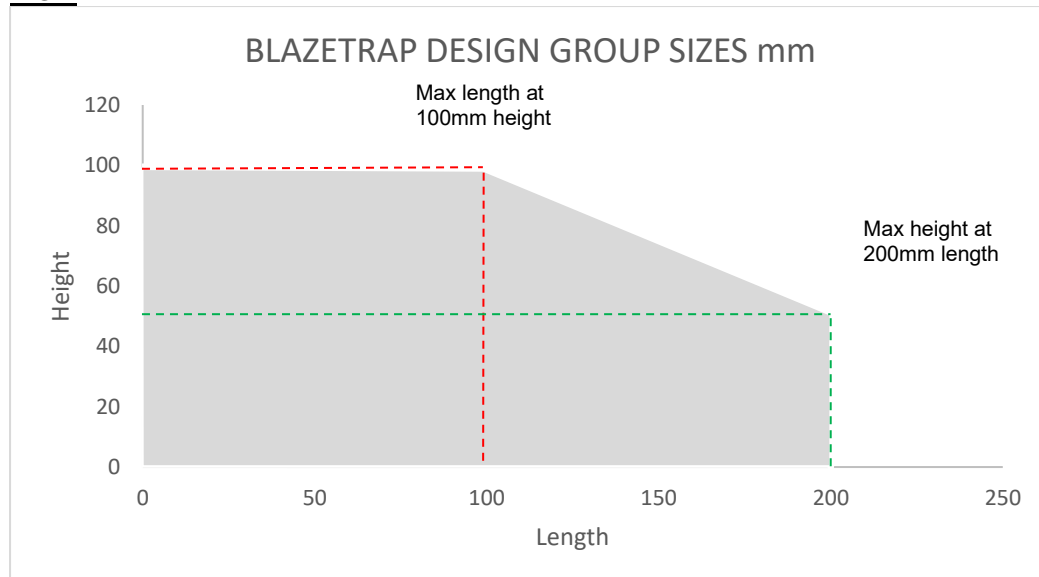
The design shape fits within the maximum areas as detailed in FIG 1 of the largest tested Blazetrap Socket Box ROBS device, this includes square, rectangle, circular or otherwise shapes.

The working distances cannot be smaller than the minimum working clearances used in the test of nominally 20mm between boxes and nominally 8mm between face plates.

Certification covers all standard wall types and configurations for penetration and partial penetration sealing systems:

- With a lining made of Gypsum boards, which are commonly used in flexible wall constructions, in accordance with EN 520 or Calcium Silicate boards which are CE marked based on an ETA for the application as lining of flexible walls. With insulation of any type or without insulation.
- Rigid constructions made of blockwork, masonry or homogenous concrete with an overall density ≥ 850 kg/m³ with a thickness appropriate for the expected fire resistance period.
- Low density rigid construction made of aerated concrete block wall with an overall density of ≥ 350 kg/m³ with a thickness appropriate for the expected fire resistance period.

FIG 1



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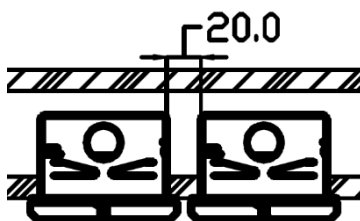
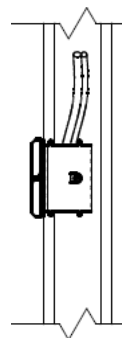
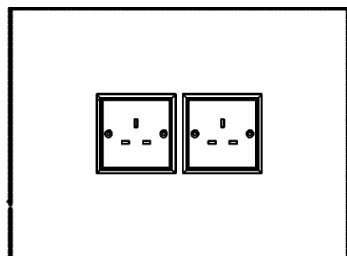
Flexible wall constructions with wall thickness of minimum 75 mm

Cables in Blazetrap socket boxes in flexible wall constructions with wall thickness of minimum 75mm

(30-minute fire resistant wall)

Penetration Seal: Up to two Blazetrap socket boxes, fitted flush with one face of the wall (Blazetrap socket boxes fitted to the opposite face of the wall must be located minimum 200 mm away)

Construction details:



Cables/wires ²	Blazetrap Socket Box (ROBS 1) ¹	Insert	Aperture / min. separation	Cavity Insulation Required	Back Box Position in Wall ³	Classification
Kopex Gland, 1.5mm twin and earth. FR 15mm diameter 1 No. NYY 3C 2.5	2 No. Metallic back-box and face plate, maximum 74 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 75 mm 75 mm high / 20 mm	No	Flush	EI 30

1. Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.
3. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 1x12.5mm thick Gypsum boards in accordance with EN520 to both faces.



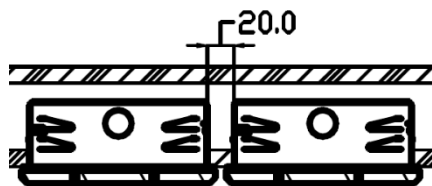
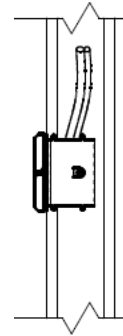
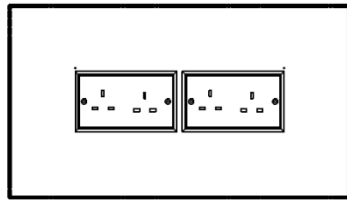
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Penetration Seal: Up to two Blazetrap socket boxes, fitted flush with one face of the wall (Blazetrap socket boxes fitted to the opposite face of the wall must be located minimum 200 mm away)

Construction details:



Cables/wires ²	Blazetrap Socket Box (ROBS 2) ¹	Insert	Aperture / min. separation	Cavity Insulation Required	Back Box Position in Wall ³	Classification
1 No. LSF 2.5 looped below into each box. 1 No. 3-core LSF 12mm looped over top into each box.	2 No. Metallic back-box and face plate, maximum 134 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 135 mm wide x 75 mm high / 20 mm	No	Flush	EI 30

- Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
- Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.
- Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 1x12.5mm thick Gypsum boards in accordance with EN520 to both faces.



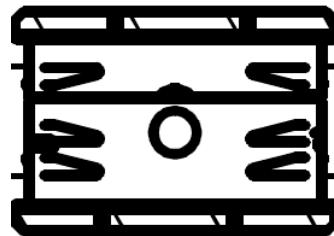
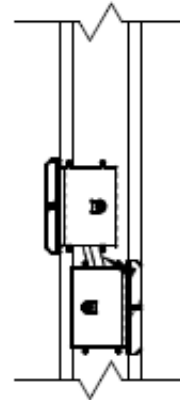
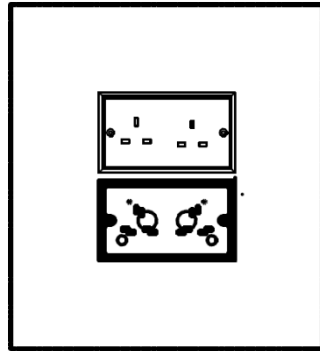
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Penetration Seal: Blazetrap socket boxes fitted flush with both faces of the wall with a minimum offset of 80 mm.

Construction details:



Services ³	Blazetrap Socket Box (ROBS 2) ¹	Insert	Aperture	Cavity Insulation Required	Minimum Offset ²	Back Box Position in Wall ⁴	Classification
1 No. NYVT 4mm 1 No. LSF 4mm	2 No. Metallic back-box and face plate, maximum 134 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 135 mm wide x 75 mm high	No	80 mm	Flush	EI 30

- Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
- 'Minimum Offset' relates to position of socket boxes either side of the wall, e.g., 80mm means the sockets on one side of the wall must be vertically offset by a minimum 80mm compared to the socket on the other side of the wall (centre to centre).
- Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.
- Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 1x12.5mm thick Gypsum boards in accordance with EN520 to both faces.



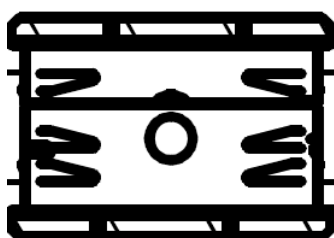
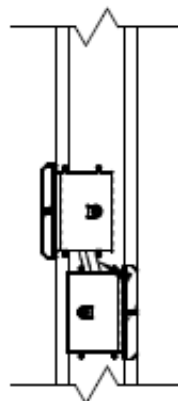
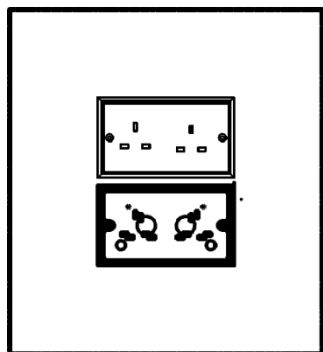
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Penetration Seal: Blazetrap socket boxes fitted flush with both faces of the wall with a minimum offset of 80 mm.

Construction details:



Services ³	Blazetrap Socket Box (ROBS 2) ¹	Insert	Aperture	Cavity Insulation Required	Minimum Offset ²	Back Box Position in Wall ⁴	Classification
1 No. NYVT 4mm 1 No. LSF 4mm	2 No. Metallic back-box and face plate, maximum 134 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 135 mm wide x 75 mm high	No	80 mm	Flush	EI 30

5. Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
6. 'Minimum Offset' relates to position of socket boxes either side of the wall, e.g., 80mm means the sockets on one side of the wall must be vertically offset by a minimum 80mm compared to the socket on the other side of the wall (centre to centre).
7. Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.
8. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 1x12.5mm thick Gypsum boards in accordance with EN520 to both faces.



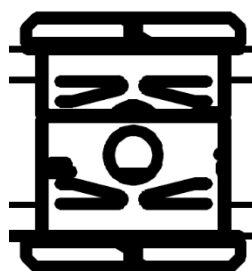
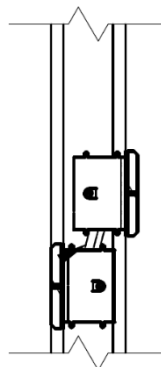
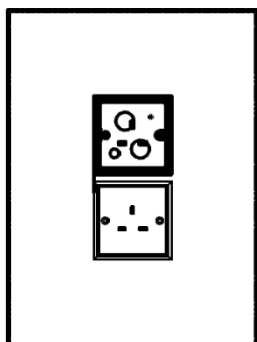
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Penetration Seal: Blazetrap socket boxes fitted flush with both faces of the wall with a minimum offset of 80 mm.

Construction details:



Services ³	Blazetrap Socket Box (ROBS 1) ¹	Insert	Aperture	Cavity Insulation Required	Minimum Offset ²	Back Box Position in Wall ⁴	Classification
1 No. NYVT 4mm and one Cat 6mm cable into each box.	2 No. Metallic back-box and face plate, maximum 74 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 75 mm wide x 75 mm high	No	80 mm	Flush	EI 30

1. Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. 'Minimum Offset' relates to position of socket boxes either side of the wall, e.g., 80mm means the sockets on one side of the wall must be vertically offset by a minimum 80mm compared to the socket on the other side of the wall (centre to centre).
3. Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.
4. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 1x12.5mm thick Gypsum boards in accordance with EN520 to both faces.

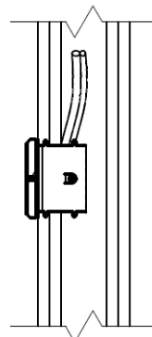
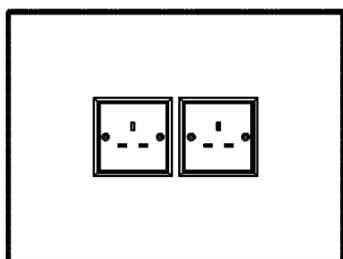


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Cables in Blazetrap socket boxes in flexible wall constructions with wall thickness of minimum 100mm (60-minute fire resistant wall)

Penetration Seal: Up to two Blazetrap socket boxes, fitted flush with one face of the wall (Blazetrap socket boxes fitted to the opposite face of the wall must be located minimum 200 mm away)

Construction details:



Services ²	Blazetrap Socket Box (ROBS 1) ¹	Insert	Aperture / min. separation	Cavity Insulation Required	Back Box Position in Wall ³	Classification
Kopex Gland, 1.5mm twin and earth. FR 15mm diameter. 1 No. NYY 3C 2.5	2 No. Metallic back-box and face plate, maximum 74 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 75 mm (wide x 75 mm high / 20 mm	No	Flush	EI 45

1. Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.
3. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x12.5mm thick Gypsum boards in accordance with EN520 to both sides.



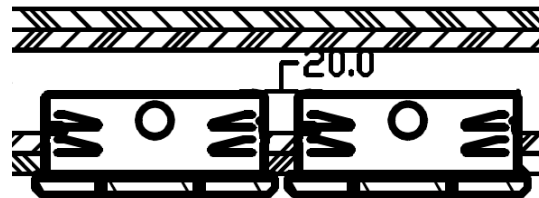
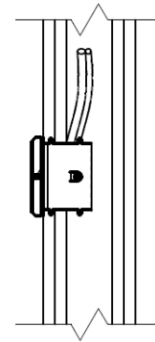
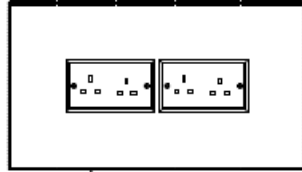
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Penetration Seal: Up to two Blazetrap socket boxes, fitted flush with one face of the wall (Blazetrap socket boxes fitted to the opposite face of the wall must be located minimum 200 mm away)

Construction details:



Services ²	Blazetrap Socket Box (ROBS 2) ¹	Insert	Aperture / min. separation	Cavity Insulation Required	Back Box Position in Wall ³	Classification
1 No. LSF 2.5 looped below into each box. 1 No. 3-core LSF 12mm looped over top into each box.	2 No. Metallic back-box and face plate, maximum 134 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 135 mm wide x 75 mm high / 20 mm	No	Flush	EI 45

- Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
- Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.
- Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x12.5mm thick Gypsum boards in accordance with EN520 to both sides.



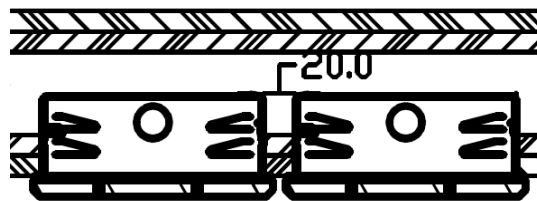
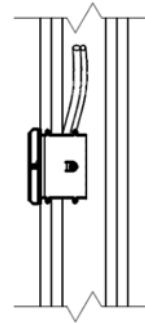
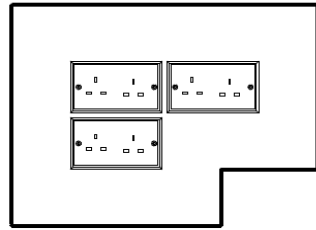
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Penetration Seal: Up to three Blazetrap socket boxes, fitted flush with one face of the wall (Blazetrap socket boxes fitted to the opposite face of the wall must be located minimum 200 mm away)

Construction details:



Services ²	Blazetrap Socket Box (ROBS 2) ¹	Insert	Aperture / min. separation	Cavity Insulation Required	Back Box Position in Wall ³	Classification
2 No. 3-core LSF 5mm 2 No. NYY 3C 2.5mm	3 No. Metallic back-box and face plate, maximum 134 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominal 135 mm wide x 75 mm high / 20 mm	No	Flush	EI 45

1. Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.
3. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x12.5mm thick Gypsum boards in accordance with EN520 to both sides.



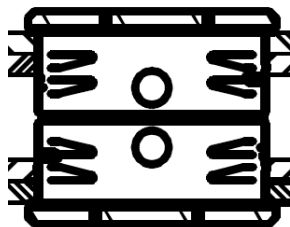
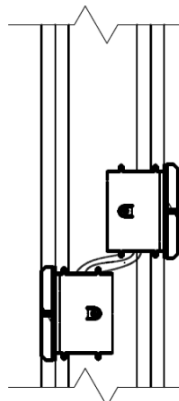
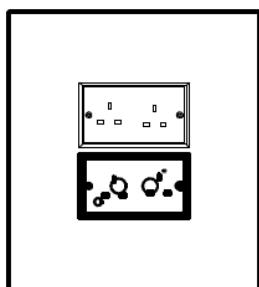
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Penetration Seal: Blazetrap socket boxes fitted flush with both faces of the wall with a minimum offset of 80 mm.

Construction details:



Services ³	Blazetrap Socket Box (ROBS 2) ¹	Insert	Aperture	Cavity Insulation Required	Minimum Offset ²	Back Box Position in Wall ⁴	Classification
1 No. NYVT 4mm 1 No. LSF 4mm	2 No. Metallic back-box and face plate, maximum 134 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 135 mm wide x 75 mm high	No	80 mm	Flush	EI 45

1. Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. 'Minimum Offset' relates to position of socket boxes either side of the wall, e.g., 80mm means the sockets on one side of the wall must be vertically offset by a minimum 80mm compared to the socket on the other side of the wall (centre to centre).
3. Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.
4. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x12.5mm thick Gypsum boards in accordance with EN520 to both sides.



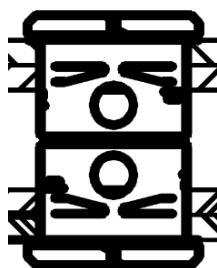
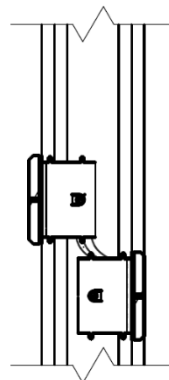
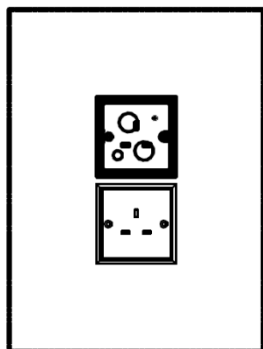
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Penetration Seal: Blazetrap socket boxes fitted flush with both faces of the wall with a minimum offset of 80 mm.

Construction details:



Services ³	Blazetrap Socket Box (ROBS 1) ¹	Insert	Aperture	Cavity Insulation Required	Minimum Offset ²	Back Box Position in Wall ⁴	Classification
1 No. NYVT 4mm and one Cat 6mm cable	2 No. Metallic back-box and face plate, maximum 74 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 75 mm wide x 75 mm high	No	80 mm	Flush	EI 45

1. Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. 'Minimum Offset' relates to position of socket boxes either side of the wall, e.g., 80mm means the sockets on one side of the wall must be vertically offset by a minimum 80mm compared to the socket on the other side of the wall (centre to centre).
3. Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.
4. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x12.5mm thick Gypsum boards in accordance with EN520 to both sides.



Solutions

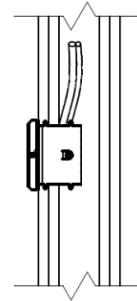
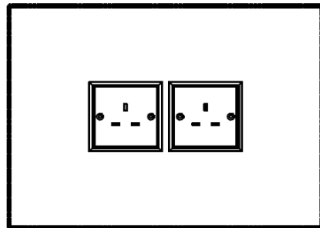
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Cables in Blazetrap socket boxes in flexible wall constructions with wall thickness of minimum 100mm (60-minute fire resistant wall)

Penetration Seal: Up to two Blazetrap socket boxes, fitted flush with one face of the wall (Blazetrap socket boxes fitted to the opposite face of the wall must be located minimum 200 mm away)

Construction details:



Services ²	Blazetrap Socket Box (ROBS 1) ¹	Insert	Aperture/ min. separation	Cavity Insulation Required	Back Box Position in Wall ³	Classification
Kopex Gland, 1.5mm twin and earth. FR 15mm diameter. 1 No. NYY 3C 2.5	2 No. Metallic back-box and face plate, maximum 74 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 75 mm (wide x 75 mm high / 20 mm	No	Flush	EI 60

1. Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.
3. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x12.5mm thick Gypsum boards in accordance with EN520 to both sides.



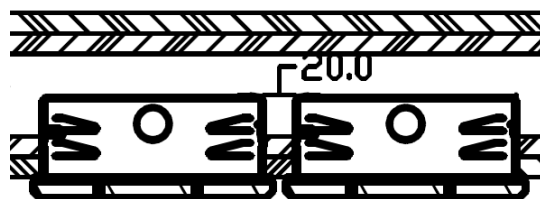
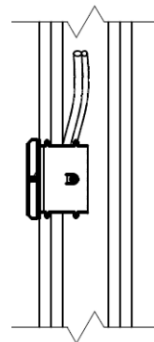
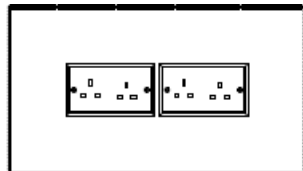
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Appendix UL-EU CERTIFICATE UL-EU-01375-EN

Penetration Seal: Up to two Blazetrap socket boxes, fitted flush with one face of the wall (Blazetrap socket boxes fitted to the opposite face of the wall must be located minimum 200 mm away)

Construction details:



Services ²	Blazetrap Socket Box (ROBS 2) ¹	Insert	Aperture / min. separation	Cavity Insulation Required	Back Box Position in Wall ³	Classification
1 No. LSF 2.5 looped below into each box. 1 No. 3-core LSF 12mm looped over top into each box	2 No. Metallic back-box and face plate, maximum 134 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 135 mm wide x 75 mm high / 20 mm	No	Flush	EI 60

- Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
- Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.
- Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x12.5mm thick Gypsum boards in accordance with EN520 to both sides.



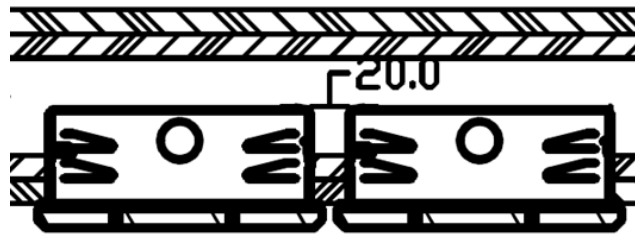
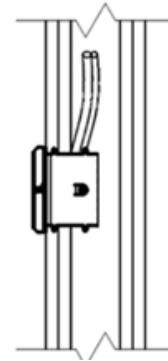
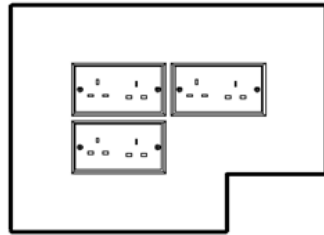
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Appendix UL-EU CERTIFICATE UL-EU-01375-EN

Penetration Seal: Up to three Blazetrap socket boxes, fitted flush with one face of the wall (Blazetrap socket boxes fitted to the opposite face of the wall must be located minimum 200 mm away)

Construction details:



Services ²	Blazetrap Socket Box (ROBS 2) ¹	Insert	Aperture / min. separation	Cavity Insulation Required	Back Box Position in Wall ³	Classification
2 No. 3-core LSF 5mm 2 No. NYY 3C 2.5mm	3 No. Metallic back-box and face plate, maximum 134 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominal 135 mm wide x 75 mm high / 20 mm	No	Flush	EI 60

- Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
- Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.
- Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x12.5mm thick Gypsum boards in accordance with EN520 to both sides.



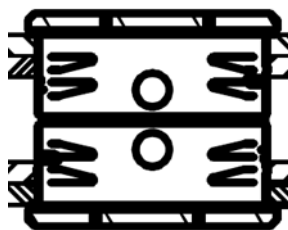
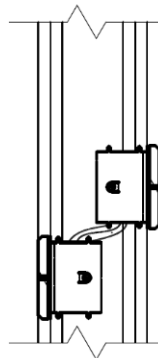
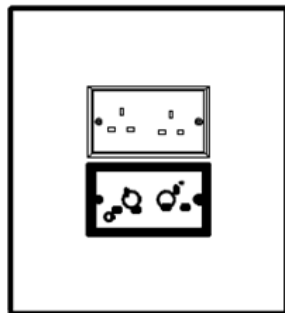
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Appendix UL-EU CERTIFICATE UL-EU-01375-EN

Penetration Seal: Blazetrap socket boxes fitted flush with both faces of the wall with a minimum offset of 80 mm.

Construction details:



Services ³	Blazetrap Socket Box (ROBS 2) ¹	Insert	Aperture	Cavity Insulation Required	Minimum Offset ²	Back Box Position in Wall ⁴	Classification
1 No. NYVT 4mm 1 No. LSF 4mm	2 No. Metallic back-box and face plate, maximum 134 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 135 mm wide x 75 mm high	No	80 mm	Flush	EI 60

1. Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. 'Minimum Offset' relates to position of socket boxes either side of the wall, e.g., 80mm means the sockets on one side of the wall must be vertically offset by a minimum 80mm compared to the socket on the other side of the wall (centre to centre).
3. Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.
4. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x12.5mm thick Gypsum boards in accordance with EN520 to both sides.



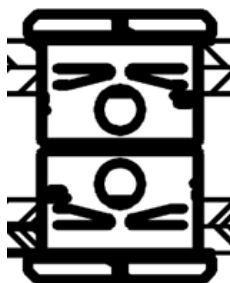
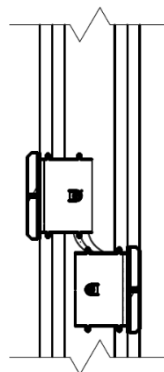
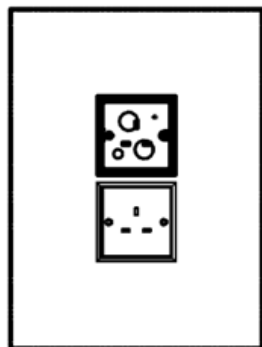
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Appendix UL-EU CERTIFICATE UL-EU-01375-EN

Penetration Seal: Blazetrap socket boxes fitted flush with both faces of the wall with a minimum offset of 80 mm.

Construction details:



Services ³	Blazetrap Socket Box (ROBS 1) ¹	Insert	Aperture	Cavity Insulation Required	Minimum Offset ²	Back Box Position in Wall ⁴	Classification
1 No. NYVT 4mm and one Cat 6mm cable	2 No. Metallic back-box and face plate, maximum 74 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 75 mm wide x 75 mm high	No	80 mm	Flush	EI 60

1. Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. 'Minimum Offset' relates to position of socket boxes either side of the wall, e.g., 80mm means the sockets on one side of the wall must be vertically offset by a minimum 80mm compared to the socket on the other side of the wall (centre to centre).
3. Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.

Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x12.5mm thick Gypsum boards in accordance with EN520 to both sides.



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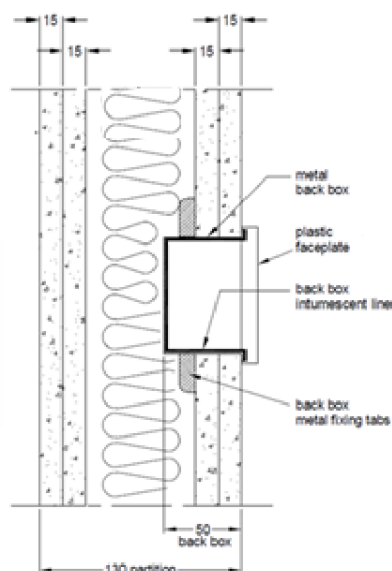
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Appendix UL-EU CERTIFICATE UL-EU-01375-EN

Cables in Blazetrapp socket boxes, including grouped, in flexible wall constructions with wall thickness of minimum 130mm (120-minute fire resistant wall)

Penetration Seal: Blazetrapp socket boxes, fitted flush with one face of the wall (Blazetrapp socket boxes fitted to the opposite face of the wall must be located minimum 200 mm away)

Construction details:



Services	Blazetrapp Socket Box (ROBS 2) ¹	Insert	Aperture / min. separation	Cavity Insulation Required ³	Back Box Position in Wall ²	Classification
BASEC electrical cable BS8436 300/500V 4x1.5m ² fitted within a flexible conduit fixed to back box using a Nickel plated brass 90 degree elbow with Flexicon 25mm conduit with PVC coating	2 No. Metallic back-box and face plate, maximum 135 mm wide x 75 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 137 mm wide x 77mm high / 20 mm	Yes	Flush	EI 90

1. Blazetrapp Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x15mm thick Gypsum boards in accordance with EN520 to both faces.
3. Cavity insulation must be stone wool, minimum 50mm thick minimum 100kg/m³ density.



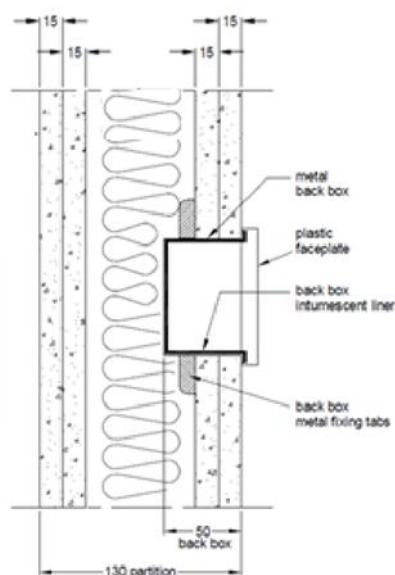
Solutions

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Appendix UL-EU CERTIFICATE UL-EU-01375-EN

Penetration Seal: Blazetrapp socket boxes, fitted flush with one face of the wall (Blazetrapp socket boxes fitted to the opposite face of the wall must be located minimum 200 mm away)

Construction details:



Services	Blazetrapp Socket Box (ROBS 1) ¹	Insert	Aperture / min. separation	Cavity Insulation Required ³	Back Box Position in Wall ²	Classification
BASEC electrical cable BS8436 300/500V 4x1.5m ² fitted within a flexible conduit fixed to back box using a Nickel plated brass 90 degree elbow with Flexicon 25mm conduit with PVC coating	Single switch plug socket Up to 5 No. Metallic back-box and face plate, maximum 75 mm wide x 75 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 77 mm wide x 77mm high / 20 mm	Yes	Flush	EI 90

1. Blazetrapp Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x15mm thick Gypsum boards in accordance with EN520 to both sides.
3. Cavity insulation must be stone wool, minimum 50mm thick minimum 100kg/m³ dense.



Solutions

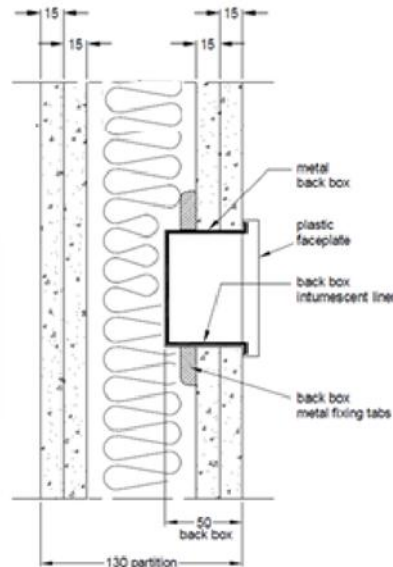
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Appendix UL-EU CERTIFICATE UL-EU-01375-EN

Cables in Blazetrap Socket boxes, including grouped, in flexible wall constructions with wall thickness of minimum 130mm (120-minute fire resistant wall)

Penetration Seal: Blazetrap socket boxes, fitted flush with one face of the wall (Blazetrap socket boxes fitted to the opposite face of the wall must be located minimum 200 mm away)

Construction details:



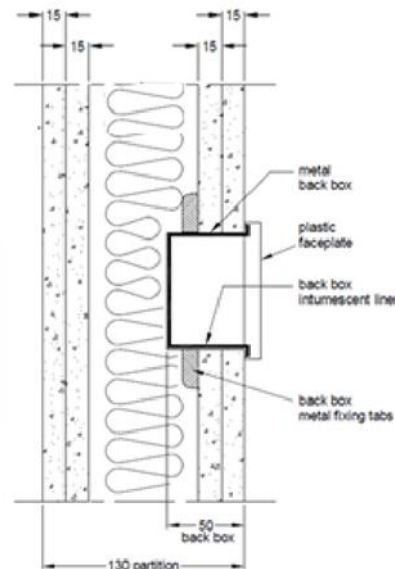
Services	Blazetrap Socket Box (ROBS 2) ¹	Insert	Aperture / min. separation	Cavity Insulation Required ³	Back Box Position in Wall ²	Classification
BASEC electrical cable BS8436 300/500V 4x1.5m ² fitted within a flexible conduit fixed to back box using a Nickel plated brass 90 degree elbow with Flexicon 25mm conduit with PVC coating	2 No. Metallic back-box and face plate, maximum 135 mm wide x 75 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 137 mm wide x 77mm high / 20 mm	Yes	Flush	EI 120

1. Blazetrapp Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x15mm thick Gypsum boards in accordance with EN520 to both faces.
3. Cavity insulation must be stone wool, minimum 50mm thick minimum 100kg/m³ density.

Appendix UL-EU CERTIFICATE UL-EU-01375-EN

Penetration Seal: Blazetrap socket boxes, fitted flush with one face of the wall (Blazetrap socket boxes fitted to the opposite face of the wall must be located minimum 200 mm away)

Construction details:



Services	Blazetrap Socket Box (ROBS 1) ¹	Insert	Aperture / min. separation	Cavity Insulation Required ³	Back Box Position in Wall ²	Classification ⁴
BASEC electrical cable BS8436 300/500V 4x1.5m ² fitted within a flexible conduit fixed to back box using a Nickel plated brass 90 degree elbow with Flexicon 25mm conduit with PVC coating	Single switch plug socket Up to 5 No. Metallic back-box and face plate, maximum 75 mm wide x 75 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 77 mm wide x 77mm high / 20 mm	Yes	Flush	EI 120

1. Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x15mm thick Gypsum boards in accordance with EN520 to both sides.
3. Cavity insulation must be stone wool, minimum 50mm thick minimum 100kg/m³ dense.
4. Single boxes restricted to EI 90 if no cables are installed.



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Appendix UL-EU CERTIFICATE UL-EU-01375-EN

The UL-EU Marks, displayed below represent the enhanced and alternate version of the product marking. Either Mark can be used. These Marks shall appear on certified products only. Minimum size is not specified, as long as the Mark is legible. The following is suggested.



*Note: E12345 is an example of the UL file number.

The minimum height of the registered trademark symbol ® shall be 1 mm. When the overall diameter of the UL-EU Mark is less than 9.5 mm, the trademark symbol may be omitted if it is not legible to the naked eye.

The UL-EU Mark may appear on a label, nameplate, or may be cast, stamped or molded into the product. When appearing on a label or nameplate, the Manufacturer's name or trademark along with a model number and UL File number are also required on that same label or nameplate. If cast, stamped or molded, the Manufacturer's name or trademark and model number shall also appear elsewhere on the product.

All content shall be in accordance with the details provided on this UL-EU Certificate.

PROCUREMENT

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