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screeded floor systems



range introduction

Onix Plus™ Floorboxes and Power Grommets are a unique, innovative solution to hard floor power and data distribution requirements in screed floors with coverings such as laminate, wood, stone and marble.

Stylish and robust design offers superior load bearing performance and greater durability. Floorbox lids with snorkel or plain lid provide wet wash solutions.

Used in conjunction with the Cablelink Plus Screed Ducting System these products are ideal for reception areas, offices, airports, shopping malls and exhibition halls.

feature benefits

- **Wet washable and IP44 when not in use**
- **Tested to EN50085-2-2 to accept 10,000N load**
- **Selection of lid recess depths available, allowing for various floor depths**
- **Designed to support Cat 6 structured cabling systems**
- **Wide range of power and data accessories available to meet all requirements**
- **Quality, reliability and safety come as standard**
- **Provision of RCD protection supports compliance with the 17th Edition Wiring Regulations**
- **5 year guarantee**

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Onix Plus™ Floorbox with Snorkel Cord Outlet Lid

SNORKEL CORD OUTLET

- Design allows access of plug tops and 16A 2P+E MK Commando Plug
- Supplied with a 9mm wide flange to cater for poorly cut tile infills

ATTRACTIVE, AESTHETIC LIDS

- Stylishly designed
- Recess depth options available to suit

WET WASHABLE

- Plain lid and snorkel design allows floor to be washed even when in use

**TESTED TO EN50085-2-2
TO ACCEPT 10,000N LOAD****ROBUST LOAD PLATE**

- Superior load bearing performance
- Ideal for areas of heavy foot traffic
- A tile lifter should be used to lift all Onix Plus lids

SQUARE BOX OPTION

- 90° rotation of floorbox for system flexibility

COMPARTMENT SEGREGATION

- Set at 35mm as standard
- Height adjustable - 25 to 45mm with appropriate CUBA kit

STAGGERED PLATE

- Provides strain relief clearance for moulded plug tops
- Stagger only available with 3 and 4 compartment floorboxes

SERVICE OUTLET BOX

- Option of two screed depths: 55-80mm and 80-110mm
- Flat sided base design ensures a stronger screed solution and faster taping

BASE FIXING FEET

- 'Fast fix' installation



DESIGNED FOR USE WITH CABLELINK PLUS SCREED SYSTEM

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Onix Plus™ Boxes and Snorkel Lids

The Base Units are installed prior to screeding. Designed for use with the Cablelink Plus Screed Ducting System (see page 67 & 68 for more details). Snorkel design allows floor to be washed even when in use – IP44 when not in use, IP2x when in use.

Onix Plus Box selector guide

- Service Outlet Boxes and Junction Boxes are ordered as two parts – “Base” and “Lid”
- Base – identify screed depth, number of compartments required and preferred box size
- Lid – choice of lid type, available with and without snorkel
- Junction Box – supplied complete with disposable steel screed lid and cable flyover
- Accessory Plates – select from wide range of power and data see page 58 for details
- Alternative deeper Junction Boxes and Screed Base Unit depths are available - please contact Customer Services for details, 01745 532343

Screed Base Units: Standard



BASE SIZE COMPARTMENT	200 x 200mm 2	265 x 265mm 2	265 x 265mm 3	340 x 340mm 3	340 x 340mm 4
Screed 55-80mm 35mm wiring space	NXB200UK-2	NXB265UK-2	NXB265UK-3	NXB340UK-3	NXB340UK-4
Screed 80-110mm 35mm wiring space	NXB200XUK-2	NXB265XUK-2	NXB265XUK-3	NXB340XUK-3	NXB340XUK-4

Wiring space can also be reduced to 25mm when used in shallow screed depths. Both require the use of a plate height adjustment kit - part number CUBA-1 or CUBA-2. For 200x200mm base, use ‘Compact’ power and data plates only – see page 58. Supplied with two PVC ducting side plates. Number of ducting knockouts varies by size: 200x200mm – 2 x 60x25mm, 265x265mm – 3 x 60x25mm and 340x340mm – 3 x 90x35mm. See page 58 for alternative plates. If screed depth is 55-65mm, reduce height by use of CUBA-1 or CUBA-2 and use side entry power socket outlets – see page 58.

Junction Boxes



SIZE	200 x 200mm	265 x 265mm	340 x 340mm
55-80mm	NXJ200UK	NXJ265UK	NXJ340UK
80-110mm	NXJ200XUK	NXJ265XUK	NXJ340XUK

Disposable steel screed lid and cable flyover supplied as standard. **LIDS MUST BE ORDERED SEPERATELY.** Supplied with four side adaptor plates, 4 PVC ducting plates. Number of ducting knockout varies by size: 200x200mm – 2 x 60x25mm, 265x265mm – 3 x 60x25mm and 340x340mm – 3 x 90x35mm. See page 58 for alternative plates. Increased screed depth junction boxes available on request.

Box Lid: Snorkel Lid



SIZE	200 x 200mm	265 x 265mm	340 x 340mm
DEPTH 80-110 MM			
Recess Depth 15mm	NXLS200X-15	NXLS265X-15	NXLS340X-15
Recess Depth 20mm	NXLS200X-20	NXLS265X-20	NXLS340X-20
Recess Depth 25mm	NXLS200X-25	NXLS265X-25	NXLS340X-25
Recess Depth 30mm	NXLS200X-30	NXLS265X-30	NXLS340X-30

See page 99 to determine the minimum screed depth/finished floor depth combination required to enable the snorkel lid to close. All supplied as stainless steel lid with snorkel. Lids are supplied with frame and fittings.

Onix Plus™ Floorbox with Round Metal Lid

SNORKEL CORD OUTLET

- Design allows access of plug tops and 16A 2P+E MK Commando Plug

ALUMINIUM LID WITH RIBBED FINISH

- Strong wear resistant and non-slip surface

**WET WASHABLE**

- Plain lid and snorkel design allows floor to be washed even when in use

STAGGERED PLATE

- Provides strain relief clearance for moulded plug tops
- Stagger only available with 3 and 4 compartment floorboxes

**SERVICE OUTLET BOX**

- Screed depth of 80-110mm
- Flat sided base design ensures a stronger screed solution and faster taping

COMPARTMENT SEGREGATION

- Set at 35mm as standard
- Height adjustable - 25 to 45mm with appropriate CUBA kit

BASE FIXING FEET

- 'Fast fix' installation



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Onix Plus™ Boxes and Round Snorkel Lids

The base units are installed prior to screeding. Designed for use with the Cabelink Plus Screeded Ducting System (see page 57 for more details). Snorkel design allows floor to be washed even when in use - IP44 when not in use.

Onix Plus Box selector guide

- Service Outlet Box - choose which floorbox for the floor type
- Accessory Plates - select from wide range of power and data plates

Screed Base Unit: Standard



PART NO.	DESCRIPTION
NXB370XUK-3	Base 80-110mm depth

See page 99 to determine the minimum screed depth/finished floor depth combination required to enable the snorkel lid to close.

Raised Base Unit: For use with Round Metal Lid



PART NO.	DESCRIPTION
NXLRR305UK-3	Base 80-110mm depth

* Compact plates must only be used within this floorbox.
 CXPC20215 and CXPC20500 will not fit into this box.
 CXPC20106 and CXPC20101 will require an increase in box depth of 6mm via use of NXLRSPKIT.

Box Lid: Round Metal Lid with Snorkel



PART NO.	DESCRIPTION
NXLRL	Round Die-Cast Aluminium Lid with Snorkel

Lids are supplied with frame and fittings.

Optional Extras

PART NO.	DESCRIPTION
The NXLRSPKIT is used to increase the plug top clearance on the NXLRR305UK-3	
NXLRSPKIT	Spacer Kit - Pack of 12

For use with the NXLRR305UK-3 only. The spacers increase the plug top clearance in increments of 3mm up to a maximum of 9mm. These are required when either the wave plate (CXPC20215) or the ST Fibre plate (CXPC20500) are to be used and prevent the snorkel contacting the accessory plates when it is closed.

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Onix Plus™ Floorbox with Edge Cord Outlet Lid

TESTED TO EN50085-2-2
TO ACCEPT 10,000N LOAD**ROBUST CORD CAPS**

- Designed for improved retention

ATTRACTIVE, AESTHETIC LIDS

- Stylishly designed
- Lid options allow for various floor coverings to be used

ROBUST LOAD PLATE

- Superior load bearing performance
- Ideal for areas of heavy foot traffic
- A tile lifter should be used to lift all Onix Plus lids

SQUARE LIDS

- 90° rotation of floorbox for system flexibility

STAGGERED PLATE

- Provides strain relief clearance for moulded plug tops
- Stagger only available with 3 and 4 compartment floorboxes

COMPARTMENT SEGREGATION

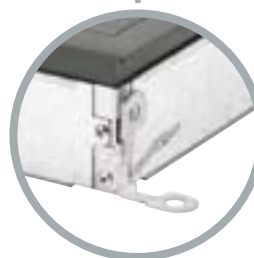
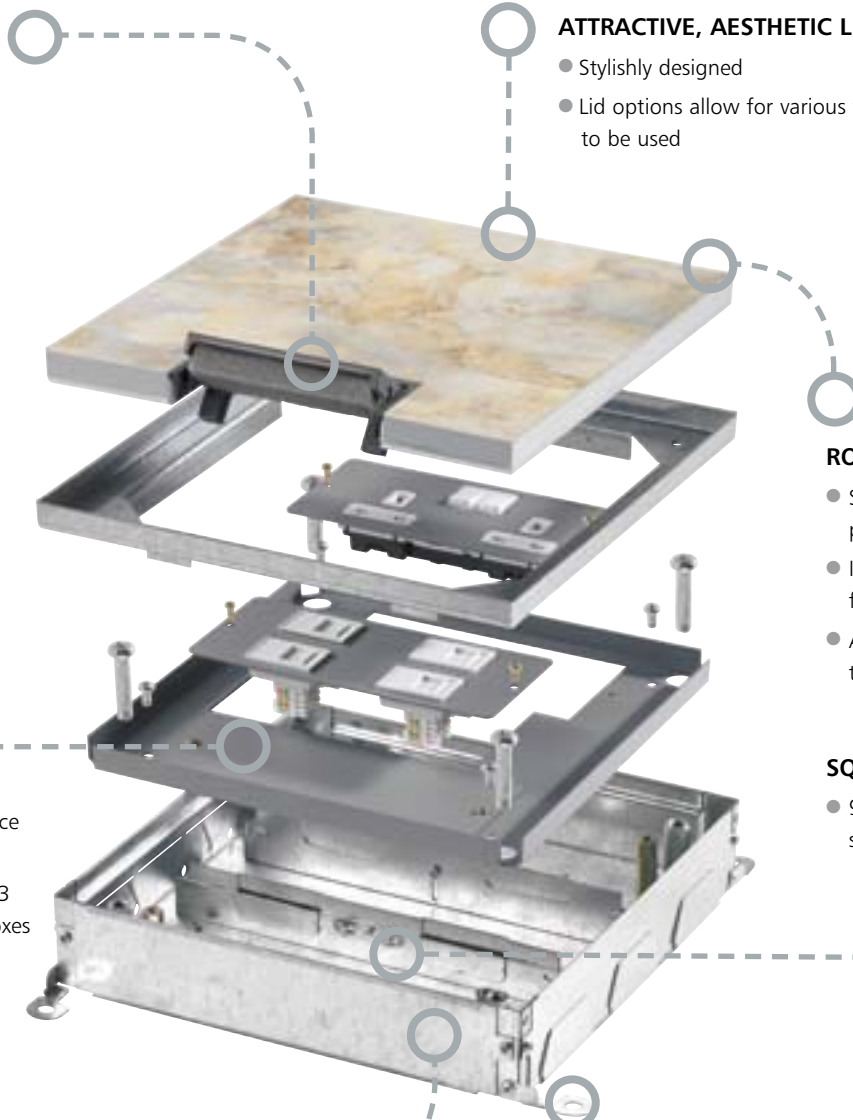
- Set at 35mm as standard
- Height adjustable - 25 to 45mm with appropriate CUBA kit

OUTLET BOX

- Option of two screed depths: 55-80mm and 80-110mm
- Flat sided base design ensures a stronger screed solution and faster taping

BASE FIXING FEET

- 'Fast fix' installation



Cord Outlet Lids are not suitable
for Wet Wash applications.

DESIGNED FOR USE WITH CABLELINK PLUS SCREED SYSTEM

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Onix Plus™ Boxes, Cord Outlet and Blank Lids

The Base Units are installed prior to screeding. Designed for use with the Cablelink Plus Screed Ducting System – see page 67 & 68 for more details. Blank Lid is suitable for wet wash applications.

Onix Plus Box selector guide

- Service Outlet Boxes and Junction Boxes are ordered as two parts, "Base" and "Lid"
- Junction Boxes – are supplied as a base and cable flyover
- Base – identify screed depth, number of compartments required and preferred box size
- Lid – choice of lid type. Cord Outlet Lid or Blank Lid. Cord caps must be ordered separately
- Accessory Plates – select from wide range of power and data options, see page 58 for details
- Alternative deeper Junction Boxes and Screed Base Unit depths are available - please contact Customer Services for details, 01745 532343

Screed Base Units: Standard



BASE SIZE COMPARTMENT	200 x 200mm 2	265 x 265mm 2	265 x 265mm 3	340 x 340mm 3	340 x 340mm 4
Screed 55-80mm 35mm wiring space	NXB200UK-2	NXB265UK-2	NXB265UK-3	NXB340UK-3	NXB340UK-4
Screed 80-110mm 35mm wiring space	NXB200XUK-2	NXB265XUK-2	NXB265XUK-3	NXB340XUK-3	NXB340XUK-4

Wiring space can also be reduced to 25mm when used in shallow screed depths. Both require the use of a plate height adjustment kit - part number CUBA-1 or CUBA-2. For 200x200mm base, use 'Compact' power and data plates only – see page 58. Supplied with two PVC side adaptor plates. Number of apertures varies by size: 200x200mm – 2 x 60x25mm, 265x265mm – 3 x 60x25mm and 340x340mm – 3 x 90x35mm. See page 58 for alternative plates. If screed depth is 55-65mm, reduce wiring space to 25mm by use of suitable CUBA kit and use side entry power socket outlets – see page 58.

Junction Boxes



SIZE	200 x 200mm	265 x 265mm	340 x 340mm
55-80mm	NXJ200UK	NXJ265UK	NXJ340UK
80-110mm	NXJ200XUK	NXJ265XUK	NXJ340XUK

Supplied complete with a disposable steel screed lid and cable flyover as standard. **LIDS MUST BE ORDERED SEPERATELY.** Supplied with four side adaptor plates, 4 x PVC ducting plates. Number of apertures varies by size: 200x200mm – 2 x 60x25mm, 265x265mm – 3 x 60x25mm and 340x340mm – 3 x 90x35mm. See page 58 for alternative plates.

Box Lids: Cord Outlet Lid



SIZE	200 x 200mm	265 x 265mm	340 x 340mm
DEPTH 55-80MM			
Recess Depth 15mm	NXLC200-15	NXLC265-15	NXLC340-15
Recess Depth 20mm	NXLC200-20	NXLC265-20	NXLC340-20
Recess Depth 25mm	NXLC200-25	NXLC265-25	NXLC340-25
Recess Depth 30mm	NXLC200-30	NXLC265-30	NXLC340-30
DEPTH 80-110MM			
Recess Depth 15mm	NXLC200X-15	NXLC265X-15	NXLC340X-15
Recess Depth 20mm	NXLC200X-20	NXLC265X-20	NXLC340X-20
Recess Depth 25mm	NXLC200X-25	NXLC265X-25	NXLC340X-25
Recess Depth 30mm	NXLC200X-30	NXLC265X-30	NXLC340X-30

CORD CAP	
Part Number	Description
NXLC-01GRY	Cord Cap – Grey (RAL 7011)
NXLC-01LGY	Cord Cap – Light Grey (RAL 7046)
NXLC-01BGE	Cord Cap – Beige (RAL 1019)

Cord outlet lid is not suitable for wet wash applications. Supplied as stainless steel lid. Cord caps must be ordered separately. Lids are supplied with frame and fittings.

Box Lids: Blank Lid



SIZE	200 x 200mm	265 x 265mm	340 x 340mm
DEPTH 55-80MM			
Recess Depth 15mm	NXLB200-15	NXLB265-15	NXLB340-15
Recess Depth 20mm	NXLB200-20	NXLB265-20	NXLB340-20
Recess Depth 25mm	NXLB200-25	NXLB265-25	NXLB340-25
Recess Depth 30mm	NXLB200-30	NXLB265-30	NXLB340-30
DEPTH 80-110MM			
Recess Depth 15mm	NXLB200X-15	NXLB265X-15	NXLB340X-15
Recess Depth 20mm	NXLB200X-20	NXLB265X-20	NXLB340X-20
Recess Depth 25mm	NXLB200X-25	NXLB265X-25	NXLB340X-25
Recess Depth 30mm	NXLB200X-30	NXLB265X-30	NXLB340X-30

Blank Lid is suitable for wet wash applications. Supplied as a stainless steel lid. Lids are supplied with frame and fittings.

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Onix Plus™ Metal Power Grommet

CAST METAL LID AND FRAME

- Designed for robustness in use

WET WASH SEALING GASKET

- IP44 rated to prevent water ingress when lid is closed

SIMPLE FLOOR THICKNESS ADJUSTMENT

- Accommodates floor covering thicknesses between 12mm and 30mm

TWO DEPTHS OF SCREED BASE

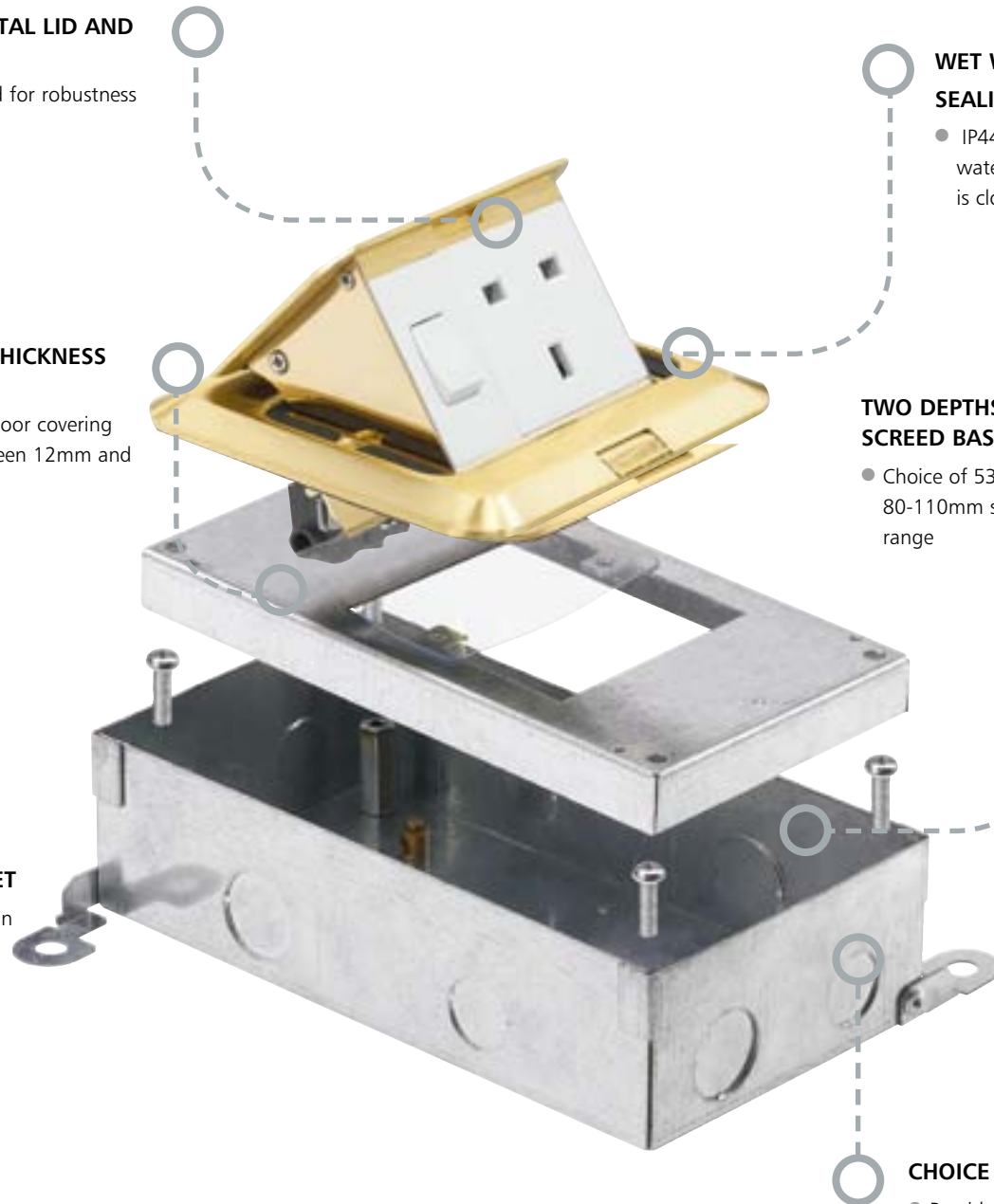
- Choice of 53-80mm and 80-110mm screed depth range

BASE FIXING FEET

- Fast Fix Installation

CHOICE OF KNOCKOUTS

- Provided with 6x20mm and 6x25mm

**COLOUR OPTIONS**

- Available in Aluminium, Nickel finish and Brass,

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Onix Plus™ Metal Power Grommet

The range of power grommets provide access to power in areas where standard plastic grommets are not robust enough, where improved aesthetics are required, or a wet wash solution is required.

IP44 WET WASH

Specifically designed to seal against water ingress to IP44 when the lid is closed, allowing the floor to be washed.

Onix Plus Metal Grommet selector guide

- Base – select preferred base depth (use for screeded floors only)
- Grommet – choose finish of unserviced grommet
- Select either switched Socket Outlet or Unserviced Data Outlet to service the grommet
- Serviced Data Grommets are available via the Design Service
- Use for screed floors only, compatible with conduit only

Screed Base Units



PART NO.	DESCRIPTION
NXGB100-1	Grommet Base Unit 55-80mm depth
NXGB100X-1	Grommet Base Unit 80-110mm

* A minimum finished floor thickness of 68mm is required. (Screed and floor tile thickness added together).

* Conduit entry only, not compatible with ducting.

Serviced Power Grommets*



NXG-ALP

PART NO.	DESCRIPTION
NXG-ALP	13A 1G Switched Socket Outlet Grommet – Aluminium
NXG-BRP	13A 1G Switched Socket Outlet Grommet – Brass
NXG-NIP	13A 1G Switched Socket Outlet Grommet – Nickel

Socket outlets feature the MK Electric 3-pin operated safety shutter.

*Not dual earth.

Unserviced Data Grommets



NXG-ALD

PART NO.	DESCRIPTION
NXG-ALD	Unserviced Grommet with 1x 50x75mm Euro aperture - Aluminium
NXG-BRD	Unserviced Grommet with 1x 50x75mm Euro aperture - Brass
NXG-NID	Unserviced Grommet with 1x 50x75mm Euro aperture - Nickel

Accessory Plates

Accessory plates are common to most ranges, they will fit all Onix Plus™, Cablelink Plus Single Pan, and Screed Floorboxes. Standard Plates are for use with 265x265mm, 340x265mm and 340x340mm Floorboxes. Compact Plates are for use with 200x200mm and Raised Floor Round Metal Lid Floorboxes only. Both Standard and Compact Plates are supplied in Light Grey (LGY) finish.

Serviced Power Plates



CXP10730



CXP10731NS



CXP10745



CXP10740



CXP10741

STANDARD PART NO.	COMPACT PART NO.	DESCRIPTION
CXP10730*†	CXPC10730*†	2G 13A Switch Socket Outlet
CXP10730NS*†	CXPC10730NS*†	2G 13A Switch Socket Outlet Non-Standard (T Pin)
CXP10731†	CXPC10731†	2G 13A Socket Outlet
CXP10731NS†	CXPC10731NS†	2G 13A Socket Outlet Non-Standard (T Pin)
CXP10745*	CXPC10745*	2G 13A Angled Socket Outlet
CXP10735**	CXPC10735**	2G 13A 30mA Passive RCD Switch Socket Outlet
CXP10760		2G 13A Switch Socket Outlet – Side Wired
CXP10720*		3G 13A Socket Outlet
CXP10740**	CXPC10740**	2G 16A 2P+E German Socket Outlet (non UK)
CXP10741	CXPC10741	2G 15A 127V USA Socket Outlet (non UK)

* For Clean Earth wiring – add suffix 'CE' e.g CXP10730CE.

Clean Earth switched power plates are identified with red rockers, unswitched with red sockets.

† Plates are supplied with the MK Electric 3-pin safety shutter.

Compact Plates (power and data) are for use with 200x200mm bases and Raised Floor Round Metal Lid floorbox only.

**Minimum 45mm wiring space required.

If 2 socket plates are required in the 200x200 base, then only CXPC10745 / CXPC10745CE can be used.

Unserviced Data Plates



CXP20215



CXP20301



CXP30201

STANDARD PART NO.	COMPACT PART NO.	DESCRIPTION
CXP20101	CXPC20101	2 x LJU/2 Apertures
CXP20200	CXPC20200	2 x LJU6C Apertures
CXP20201*	CXPC20201*	4 x LJU6C Apertures
CXP20215†	CXPC20215**†	4 x LJU6C Wave Apertures
CXP20205	CXPC20205	4 x Krone Apertures
CXP20301	CXPC20301	6 x LJU6C Apertures
CXP30501	CXPC30501	2 x Euro 50x50mm Apertures
CXP30503		1 x Euro 150x50mm Aperture
CXP30502	CXPC30502	2 x 45x45mm Apertures
CXP20117	CXPC20117	4 x Alphasnap (Aperture 47.5mm x 23.6mm)
CXP20500†	CXPC20500**†	4 x ST Fibre Connector Apertures
CXP30201	CXPC30201	Blank Plate

* Data apertures are supplied as knockouts. ** Not suitable for use with NXLR305UK-3

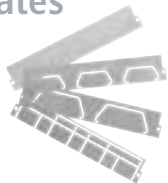
† Additional floor depth restrictions apply when using these plates - See page 99 for details Compact Plates.

(power and data) are for use with 200x200mm bases and Raised Floor Round Metal Lid floorbox only.

Optional Extras

PART NO.	DESCRIPTION
NXLC-01GRY	Cord Cap – Grey (RAL 7011)
NXLC-01LGY	Cord Cap – Light Grey (RAL7046)
NXLC-01BGE	Cord Cap – Beige (RAL 1019)
CUBA-1	Plate Height Adjustment Kit +/- 10mm. Suitable for 265x265mm and 340x265mm boxes only
CUBA-2	Plate Height Adjustment Kit +/- 10mm. Suitable for 100x200mm and 200x200mm boxes only
CX-10	Earthing Kit, pack of 10

Side Adaptor Plates



SIDE PLATE	CUBP200-01	CUBP200-02	CUBP200-03	CUBP200-04	CUBP200-08
Aperture Type	Blank Blank	Round Conduit*	PVC	PVC	Metal Ducting
Aperture Size		25 / 20	60 / 25	90 / 35	Up to 100x38
No. per plate		2/2	2	1	
SIDE PLATE	CUBP265-01	CUBP265-02	CUBP265-03	CUBP265-04	CUBP265-08
Aperture Type	Blank Blank	Round Conduit*	PVC	PVC	Metal Ducting
Aperture Size		25 / 20	60 / 25	90 / 35	Up to 225x38
No. per plate		3/2	3	2	
SIDE PLATE	CUBP340-01	CUBP340-02	CUBP340-03	CUBP340-04	CUBP340-08
Aperture Type	Blank Blank	Round Conduit*	PVC	PVC	Metal Ducting
Aperture Size		25 / 20	60 / 25	90 / 35	Up to 300x38
No. per plate		4/4	4	3	

See page 67 for information regards PVCu ducting, page 68 for metal ducting. * Knockouts 20mm and 25mm.

