



POWERING
THE FUTURE



USB TYPE A+C

WIRING DEVICES TECHNICAL



WIRING DEVICES TECHNICAL

LOGIC PLUS™

mkelectric.com



2 Gang Switchsocket Outlet with Integrated Dual USB Ports - Type A + C

Standards and approvals

Complies with BS 1363-2:2016+A1:2018.

Products are CE marked and meet the requirements of the Low Voltage, EMC, RoHS and WEEE directives.



TECHNICAL SPECIFICATION

ELECTRICAL

INPUT VOLTAGE AND FREQUENCY

220-240Va.c. 50/60Hz

OUTPUT VOLTAGE

5V d.c.

OUTPUT CURRENT

3.0A

OUTPUT POWER

15.0W

AVERAGE ACTIVE EFFICIENCY

84%

LOW LOAD EFFICIENCY

76.5%

NO LOAD POWER CONSUMPTION

0.05W

CURRENT RATING

13A

Combined total 3A drawn from USB outlets

TERMINAL CAPACITY

Live, neutral & earth

3 x 2.5mm², 3 x 4mm², 2 x 6mm² (stranded)

PHYSICAL

AMBIENT OPERATING TEMPERATURE

0°C to +40°C

IP RATING

IP2XD

MAX. INSTALLATION ALTITUDE

2000 metres

Description

These products offer end users easy access to power for charging a variety of devices such as smart phones, tablets and cameras. They also offer benefits of the advantageous design features of Logic Plus including - safety and quick install.

FEATURES

- Can charge Type A and C devices at up to 2A and 3A respectively
- USB outlets are designed to provide optimum charging compatibility across a wide range of devices
- Differing manufacturers devices can be charged simultaneously via the two USB outlets
- If two devices are connected to USB outlets the total rated current of 3A is divided between the two outlets
- If the total charging current exceeds the rated level of 3A then the device will enter a current limiting safety mode
- Electronically protected against an overload or short circuit on either USB outlet
- 3 pin operated safety shutter on 13A socket outlets
- Dual earthed for added user safety
- Backed out and captive terminal screws
- Top access, angled terminals make wiring easier and quicker
- 3mm minimum switch contact gap
- Double pole switching
- Additional electrical safety from neutral 'make first', 'break last' feature
- Printed terminal markings on dark rear mouldings for clearer identification
- Switch contacts with silver contacts on both surfaces for good continuity
- Moulded 'on' indicator flash on switches will not rub off – totally safe

Installation

Do not mount or use as a trailing socket or where they may be subject to excessive moisture or damp.

MINIMUM BOX DEPTH	BOX DEPTH FOR EXTRA WIRING SPACE
25MM*	35MM
RECOMMENDED BOXES	
862ZIC	FLUSH 25MM
886ZIC	FLUSH 35MM
K2142WHI	SURFACE 30MM

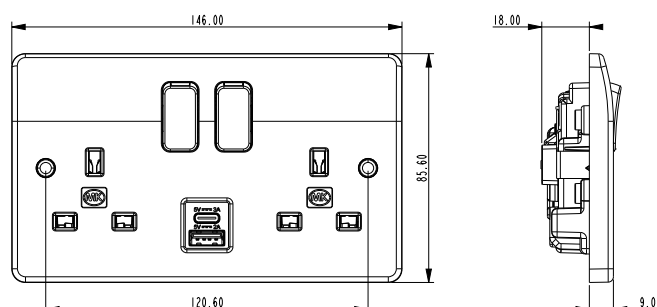
*For compliance to BS1363, use either a minimum 35mm backbox or the K1000 pattress with a 25mm backbox

Note: When carrying out insulation resistance testing, first DISCONNECT the product. Failing to do this could damage the product and will also give spurious insulation readings.

- Made from urea formaldehyde which has inherent antimicrobial properties
- Independently tested to the latest industry standard - ISO 22196:2011
- Bacteria kill rates over 24 hours;
 - MRSA – >99.99%
 - Klebsiella Pnaemonia – >99.99%
 - E.Coli – >99.99%
 - Listeria – >99.99%
 - Salmonella – >99.99%
 - S.Aureus 6538p – >99.99%
- Virus kill rate over 24 hours
 - Phi-X174 (internationally recognised as the standard for anti-viral testing) – >99.99%



Dimensions (mm)





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WIRING DEVICES TECHNICAL

ALBANY PLUS™

2 Gang Switchsocket Outlet with Integrated Dual USB Ports - Type A + C

Standards and approvals

Complies with BS 1363-2:2016+A1:2018.

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TECHNICAL SPECIFICATION

ELECTRICAL

INPUT VOLTAGE AND FREQUENCY

220-240Va.c. 50/60Hz

OUTPUT VOLTAGE

5V d.c.

OUTPUT CURRENT

3.0A

OUTPUT POWER

15.0W

AVERAGE ACTIVE EFFICIENCY

84%

LOW LOAD EFFICIENCY

76.5%

NO LOAD POWER CONSUMPTION

0.05W

CURRENT RATING

13A

Combined total 3A drawn from USB outlets

TERMINAL CAPACITY

Live, neutral & earth

3 x 2.5mm², 3 x 4mm², 2 x 6mm² (stranded)

PHYSICAL

AMBIENT OPERATING TEMPERATURE

0°C to +40°C

IP RATING

IP2XD

MAX. INSTALLATION ALTITUDE

2000 metres

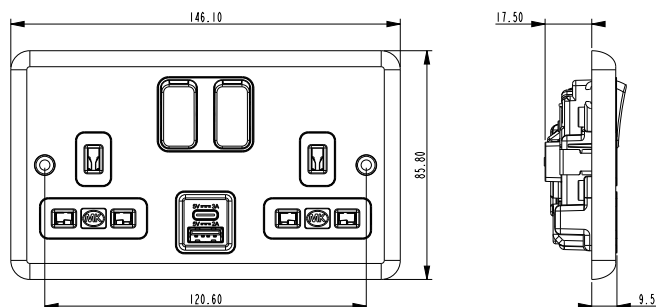
Description

These products offer end users easy access to power for charging a variety of devices such as smart phones, tablets and cameras. They also offer benefits of the advantageous design features of Albany Plus including - safety and quick install.

FEATURES

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- If two devices are connected to USB outlets the total rated current of 3A is divided between the two outlets
- If the total charging current exceeds the rated level of 3A then the device will enter a current limiting safety mode
- Electronically protected against an overload or short circuit on either USB outlet
- 3 pin operated safety shutter on 13A socket outlets
- Dual earthed for added user safety
- Backed out and captive terminal screws
- Top access, angled terminals make wiring easier and quicker
- 3mm minimum switch contact gap
- Double pole switching
- Additional electrical safety from neutral 'make first', 'break last' feature
- Printed terminal markings on dark rear mouldings for clearer identification
- Switch contacts with silver contacts on both surfaces for good continuity
- Moulded 'on' indicator flash on switches will not rub off – totally safe

Dimensions (mm)



Installation

Do not mount or use as a trailing socket or where they may be subject to excessive moisture or damp.

BOX TYPES WITHOUT PATRESS

GANG	FLUSH	SURFACE INSULATED	SURFACE METAL
2	DEPTH 25MM	DEPTH 30MM	DEPTH 41MM
	862ZIC	K2142WHI	K2212ALM/ K2214ALM

*For compliance to BS1363, use either a minimum 35mm backbox or the K1000 pattress with a 25mm backbox

Note: When carrying out insulation resistance testing, first DISCONNECT the product. Failing to do this could damage the product and will also give spurious insulation readings.

WIRING DEVICES TECHNICAL

METALCLAD PLUS™

mkelectric.com



2 Gang Switchsocket Outlet with Integrated Dual USB Ports - Type A + C

Standards and approvals

Complies with BS 1363-2:2016+A1:2018.

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TECHNICAL SPECIFICATION

ELECTRICAL

INPUT VOLTAGE AND FREQUENCY

220-240V a.c. 50/60Hz

OUTPUT VOLTAGE

5V d.c.

OUTPUT CURRENT

3.0A

OUTPUT POWER

15.0W

AVERAGE ACTIVE EFFICIENCY

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LOW LOAD EFFICIENCY

76.5%

NO LOAD POWER CONSUMPTION

0.05W

CURRENT RATING

13A

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TERMINAL CAPACITY

Live, neutral & earth

3 x 2.5mm², 3 x 4mm², 2 x 6mm² (stranded)

PHYSICAL

AMBIENT OPERATING TEMPERATURE

0°C to +40°C

IP RATING

IP2XD

MAX. INSTALLATION ALTITUDE

2000 metres

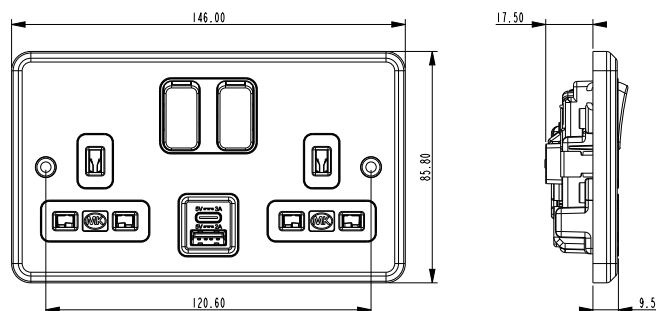
Description

These products offer end users easy access to power for charging a variety of devices such as smart phones, tablets and cameras. They also offer benefits of the advantageous design features of Metalclad Plus including - safety and quick install.

FEATURES

- Can charge Type A and C devices at up to 2A and 3A respectively
- USB outlets are designed to provide optimum charging compatibility across a wide range of devices
- Differing manufacturers devices can be charged simultaneously via the two USB outlets
- If two devices are connected to USB outlets the total rated current of 3A is divided between the two outlets
- If the total charging current exceeds the rated level of 3A then the device will enter a current limiting safety mode
- Electronically protected against an overload or short circuit on either USB outlet
- 3 pin operated safety shutter on 13A socket outlets
- Dual earthed for added user safety
- Backed out and captive terminal screws
- Top access, angled terminals make wiring easier and quicker
- 3mm minimum switch contact gap
- Double pole switching
- Additional electrical safety from neutral 'make first', 'break last' feature
- Printed terminal markings on dark rear mouldings for clearer identification
- Switch contacts with silver contacts on both surfaces for good continuity
- Moulded 'on' indicator flash on switches will not rub off – totally safe

Dimensions (mm)



Installation

Do not mount or use as a trailing socket or where they may be subject to excessive moisture or damp.

BOX TYPES WITHOUT PATRESS

GANG	FLUSH	SURFACE
2	DEPTH 35MM	DEPTH 38MM
	886ZIC	K830ALM (WITHOUT KNOCKOUTS) K897ALM AND K897WHI (WITH 8 X 20MM KNOCKOUTS)

Note: When carrying out insulation resistance testing, first DISCONNECT the product. Failing to do this could damage the product and will also give spurious insulation readings.

2 Gang Switchsocket Outlet with Integrated Dual USB Ports - Type A + C

Standards and approvals

Complies with BS 1363-2:2016+A1:2018.

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TECHNICAL SPECIFICATION

ELECTRICAL

INPUT VOLTAGE AND FREQUENCY

220-240Va.c. 50/60Hz

OUTPUT VOLTAGE

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OUTPUT CURRENT

3.0A

OUTPUT POWER

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PHYSICAL

AMBIENT OPERATING TEMPERATURE

0°C to +40°C

IP RATING

IP2XD

MAX. INSTALLATION ALTITUDE

2000 metres

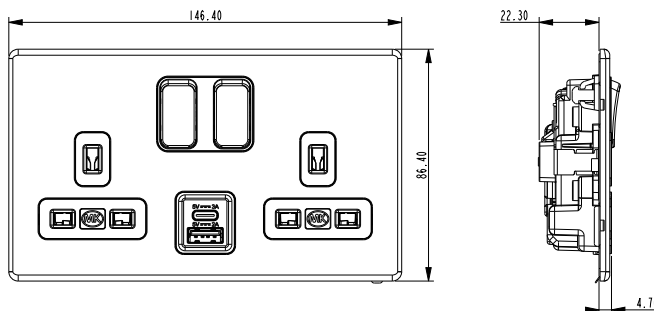
Description

These products offer end users easy access to power for charging a variety of devices such as smart phones, tablets and cameras. They also offer benefits of the advantageous design features of Aspect including - safety and quick install.

FEATURES

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- 3mm minimum switch contact gap
- Double pole switching
- Additional electrical safety from neutral 'make first', 'break last' feature
- Printed terminal markings on dark rear mouldings for clearer identification
- Switch contacts with silver contacts on both surfaces for good continuity
- Slim screwless frontplate design
- Matching metal rocker switches

Dimensions (mm)



Installation

Do not mount or use as a trailing socket or where they may be subject to excessive moisture or damp.

BOX TYPES WITHOUT PATRESS

GANG	FLUSH
2	DEPTH 35MM 886ZIC

Note: When carrying out insulation resistance testing, first DISCONNECT the product. Failing to do this could damage the product and will also give spurious insulation readings.

WIRING DEVICES TECHNICAL

EDGE™

mkelectric.com



2 Gang Switchsocket Outlet with Integrated Dual USB Ports - Type A + C

Standards and approvals

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TECHNICAL SPECIFICATION

ELECTRICAL

INPUT VOLTAGE AND FREQUENCY

220-240Va.c. 50/60Hz

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Live, neutral & earth

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PHYSICAL

AMBIENT OPERATING TEMPERATURE

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IP RATING

IP2XD

MAX. INSTALLATION ALTITUDE

2000 metres

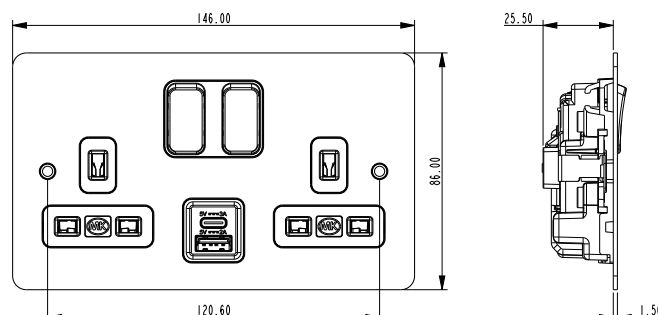
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These products offer end users easy access to power for charging a variety of devices such as smart phones, tablets and cameras. They also offer benefits of the advantageous design features of Edge including - safety and quick install.

FEATURES

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- Switch contacts with silver contacts on both surfaces for good continuity
- Matching metal rocker switches

Dimensions (mm)



Installation

Do not mount or use as a trailing socket or where they may be subject to excessive moisture or damp.

BOX TYPES WITHOUT PATRESS

GANG	FLUSH
2	DEPTH 35MM 886ZIC

Note: When carrying out insulation resistance testing, first DISCONNECT the product. Failing to do this could damage the product and will also give spurious insulation readings.



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WIRING DEVICES TECHNICAL MK DIMENSIONS

2 Gang Switchsocket Outlet with Integrated Dual USB Ports - Type A + C

Standards and approvals

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TECHNICAL SPECIFICATION

ELECTRICAL

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OUTPUT CURRENT

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PHYSICAL

AMBIENT OPERATING TEMPERATURE

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IP RATING

IP2XD

MAX. INSTALLATION ALTITUDE

2000 metres

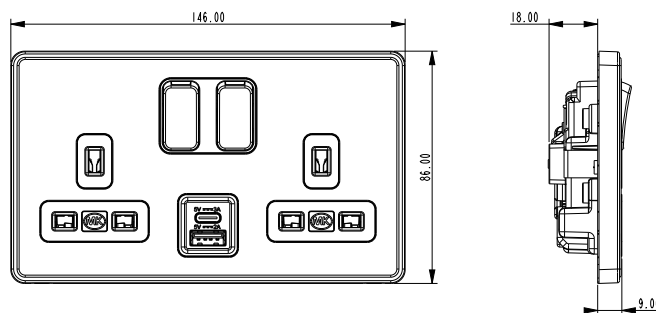
Description

These products offer end users easy access to power for charging a variety of devices such as smart phones, tablets and cameras. They also offer benefits of the advantageous design features of MK Dimensions including - safety and quick install.

FEATURES

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Dimensions (mm)



Installation

Do not mount or use as a trailing socket or where they may be subject to excessive moisture or damp.

MINIMUM BOX DEPTH	BOX DEPTH FOR EXTRA WIRING SPACE
25MM*	35MM
RECOMMENDED BOXES	
862ZIC	FLUSH 25MM
886ZIC	FLUSH 35MM
K2142WHI	SURFACE 30MM
*For compliance to BS1363, use either a minimum 35mm backbox or the K1000 pattress with a 25mm backbox	

Note: When carrying out insulation resistance testing, first DISCONNECT the product. Failing to do this could damage the product and will also give spurious insulation readings.

WIRING DEVICES TECHNICAL ELEMENTS

mkelectric.com

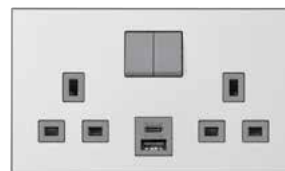


2 Gang Switchsocket Outlet with Integrated Dual USB Ports - Type A + C

Standards and approvals

Complies with BS 1363-2:2016+A1:2018.

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TECHNICAL SPECIFICATION

ELECTRICAL

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220-240V a.c. 50/60Hz

OUTPUT VOLTAGE

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Live, neutral & earth

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PHYSICAL

AMBIENT OPERATING TEMPERATURE

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IP RATING

IP2XD

MAX. INSTALLATION ALTITUDE

2000 metres

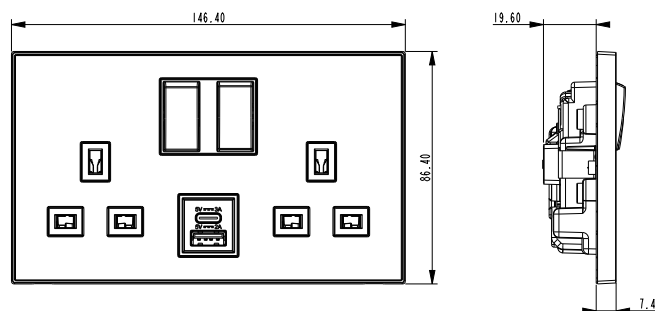
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- Double pole switching
- Additional electrical safety from neutral 'make first', 'break last' feature
- Printed terminal markings on dark rear mouldings for clearer identification
- Switch contacts with silver contacts on both surfaces for good continuity

Dimensions (mm)



Installation

Do not mount or use as a trailing socket or where they may be subject to excessive moisture or damp.

MINIMUM BOX DEPTH	BOX DEPTH FOR EXTRA WIRING SPACE
25MM*	35MM
*For compliance to BS1363, use either a minimum 35mm backbox or the K1000 pattress with a 25mm backbox	

Note: When carrying out insulation resistance testing, first DISCONNECT the product. Failing to do this could damage the product and will also give spurious insulation readings.