Schneider Electric

Instructions for :

1 and 2 Gang 13A Switch Socket with USB Charger

GGBL30102USBAS
GGBL30202USBAS
GGBL30102USBA*S**
GGBL30202USBA*S**

AR1908 Ed B

Lisse

Read these instructions fully before commencing work and **retain them for future reference.**

SAFETY INSTRUCTIONS

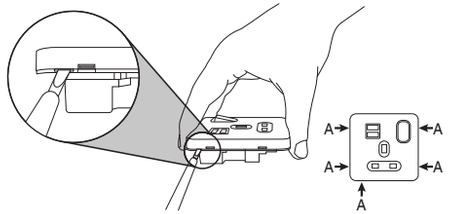
These accessories are to be installed in accordance with the current edition of the IEE Wiring Regulations (BS 7671: Requirements for Electrical Installations) and appropriate statutory regulations.

In the Republic of Ireland the installation must be in accordance with the ETCI National Rules for Electrical installations – ET 101.

NOTE: IF YOU ARE IN ANY DOUBT ON HOW TO PROCEED, CONSULT A QUALIFIED ELECTRICIAN

Switch OFF the mains supply and remove the appropriate fuse or switch off the appropriate circuit breaker before commencing installation. Ensure that no one else has access that would enable the supply to be inadvertently reconnected.

DECORATIVE METAL FRONTPLATES



SOCKETS WITH SCREWLESS DECORATIVE METAL FRONTPLATES

Remove the clip-on frontplate by inserting a small screwdriver alternatively into the small slots (A) on the sides of the frontplate and gently prise off.

Once the socket is installed replace the screwless frontplate by clipping it back in place. **Do this before reconnecting to the mains power.**

To keep decorative metal frontplates clean, occasionally wipe the frontplate with a clean soft cloth. Do not use any form of cleaning agent as this could damage the decorative finish.

Install the socket as described in the following section, taking particular care to ensure the socket is correctly earthed. This is particularly important for accessories with metal frontplates.

Sockets can be installed using wall boxes with a minimum depth as specified below:

1 gang:	35mm (25mm with mounting spacer supplied)
2 gang	25mm

Always use cable of correct rating and type.

The socket can either be connected to a ring main circuit, in which case there will be a pair of twin and earth cables entering the box, or on a spur, which will only have one twin and earth cable entering the box.

THIS USB CHARGER IS PERMANENTLY CONNECTED EQUIPMENT. The circuit should therefore incorporate a readily accessible means for safely isolating the charger when required.

Strip the insulation from the Live and Neutral supply cables and connect the Brown (or Red) wire(s) to the terminal marked 'L' and connect the Blue (or Black) wire(s) to the terminal marked 'N'.

Connect the earth wire(s) from the supply cable(s) to the earth terminal on the rear of the socket, and then connect a short length of wire from the socket earth terminal to the earth terminal in the wall box. If the earth wires are bare, they should be sheathed with a

length of green/yellow sleeving.

Ensure all the terminal screws are tightened firmly and are clamped on the copper conductors of each wire and not on the insulation.

Locate the socket against the wall in front of the wall box, ensuring that the supply cables are not trapped by the front plate or within the wall box. Using the fixing screws provided, attach the socket to the wall box. Ensure the fixing screws are tightened securely.

Replace the appropriate fuse or switch on the appropriate circuit breaker. Switch on the mains isolator switch.

IMPORTANT NOTICE - WIRING COLOUR CHANGES

As from 1st April 2004 new installations in the UK could be wired using the new EU Harmonised colours for the supply conductors of twin and earth cable:

New colours	Brown = Live	Blue = Neutral
Old Colours	Red = Live	Black = Neutral

The old colours ceased to be used after 1st April 2006.

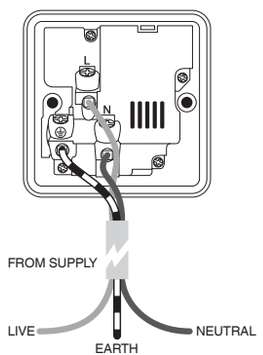
Flexible cable colours remain unchanged:

Brown = Live Blue = Neutral

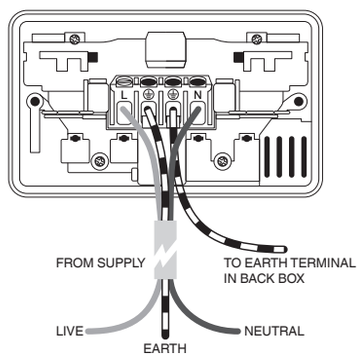
Eire conductor colours for twin and earth cable and flexible cable:

Brown = Live Blue = Neutral

WIRING DIAGRAM - 1 gang



WIRING DIAGRAM - 2 gang



NOTE

The USB connector is used for charging devices only, such as smart phones, tablets, cameras etc. When only one device is connected to a USB connector the total output current of 2.1A is available from either USB connector and when two devices are connected, the total rated current of 2.1A is divided between the two USB connectors.

The USB charging circuit within this device has both short circuit and overload protection. If the device is overloaded or short-circuited, the electronic circuit will limit or disconnect the output power to protect against damage or overheating. Once the fault has been cleared the circuit will re-set and power on automatically.

Some earlier model mobile phones and devices are not suitable for direct charging from a USB type charger and may not charge when connected to this product. These devices will require their own dedicated charger. Please check with your phone or device supplier for more information.

It is normal for the front surface of this product to become warm in use.

DO NOT MEGGER TEST this product as this could result in damage to the internal electronic components.

TECHNICAL SPECIFICATION

	1 gang	2 gang
Input Voltage	220-240 Vac	220-240 Vac
Frequency	50/60 Hz	50/60 Hz
Output Voltage	5.0Vdc	5.0Vdc
Output Current	2.1A Total (shared between both USB connectors)	2.1A Total
Output Power	10.5W	10.5W
Average Active Efficiency	82.7%	83.3%
Efficiency at Low Load (10%)	77.9%	76.6%
No Load Power	0.01%	0.02%
Output Connector	USB 2.0 Type A	

Important Information

This Product falls within the scope of the Waste Electrical & Electronic Equipment Directive 2002/96 EC (WEEE).

International Customer Care Centre Numbers

Saudi Arabia	+966 920011101
Cyprus	+357 24812649
Iraq	+962 65166260
Jordan	+962 65166465
Lebanon	+961 1321645
Hong Kong	+852 2579 9699
Nigeria	+234 (0)14483381
UAE/Pakistan/Yemen	+971 4 7099333
Bahrain	+973 17 213277
Kuwait	+965 22494604
Oman	800 73666
Qatar	+974 44553010
UK	+44 (0)870 608 8608

Schneider Electric Ltd,
Stafford Park 5, Telford, Shropshire TF3 3BL, UK
Commercial Registration Number: 02886434
se.com