



# MECHANISMS

## USB Charger Mechanisms

Data Specification **2024**



**AUSTRALIA WIDE DELIVERY**  
Expedited delivery to all states in Australia



**SAME DAY DISPATCH**  
Orders prior to 12PM will be dispatched the same day



**5 YEAR WARRANTY**  
You can get a trusted 5 Year In House Warranty with CSG

## [ DESCRIPTION ]

Connected Switchgear manufactures a variety of USB charger mechanisms and devices, from singular USB mechanisms to our latest fast charge dual USB charger with a maximum output of 6.2A 5V in USB Type A and C. The unique design allows for optional extension cables to a length of 2.4M that will allow the charging device to be placed separately to the USB mechanism outlet position. This allows installation in a wide variety of applications including those with limited space.

## [ FEATURES ]

### MUSB12

- Output 5V 1.2A
- Recharges All Electronic Devices Including Smart Phones & Tablets
- Interchangeable across all CSG plates\*
- Available in Black & White

### MUSB31R

- USB Type A
- Fast Charge Capability
- Output 5V 6.2A (2 x 3.1A)
- Not Device Specific
- Optional 2.4M Extension Leads
- Interchangeable across all CSG plates
- Available in Black & White

### MUSB31RC

- USB Type A + C
- Fast Charge Capability
- Interchangeable across all CSG plates
- Available in Black & White

## [ TECHNICAL PARAMETERS ]

### MUSB12

- Input Voltage: 100 - 240V AC
- Input Frequency: 50/60Hz
- Output Voltage: 5V DC
- Output Current: 1.2A
- Max Output Power: 5W
- Complies with: AS/NZS 60950.1:2015

### MUSB31R

- Input Voltage: 220 - 240V AC
- Input Frequency: 50/60Hz
- Output Voltage: 5V DC
- Total Output Current: 6.2A
- Max Output Power: 2 x 3.1A
- Standby Power: 70mW
- Complies with: AS/NZS 60950.1:2015

### MUSB31RC

- Input Voltage: 100 - 240V AC
- Input Frequency: 50/60Hz
- USB-C Output:  
5V $\overline{=}$ 3A 9V $\overline{=}$ 2.22A 12V $\overline{=}$ 1.5A (20.04W Max)
- USB-A Output:  
5V $\overline{=}$ 3A 9V $\overline{=}$ 2A 12V $\overline{=}$ 1.5A (18W Max)
- Total Output: 5V $\overline{=}$  3A Max
- Standby Power: 70mW
- Complies with: AS/NZS 60950.1:2015

## [ FEATURES ]

### MUSB31R2C

- USB Type C
- TURBO Charge Capability
- Interchangeable across all CSG plates
- Available in Black & White

## [ TECHNICAL PARAMETERS ]

### MUSB31R2C

- Input Voltage: 240V AC
- Input Frequency: 50/60Hz
- USB-C Output:  
5V  $\Rightarrow$  2.4A 9V  $\Rightarrow$  2.77A  
12V  $\Rightarrow$  2.08A (27W Max)
- Power Delivery 3.1
- Quick Charge 3.0+
- Complies with:  
AS/NZS 60950.1:2015

## [ APPROVALS ]

- Global Mark Approved

## [ IMAGES ]



MUSB12



MUSB31R



MUSB31RC



MUSB31LL



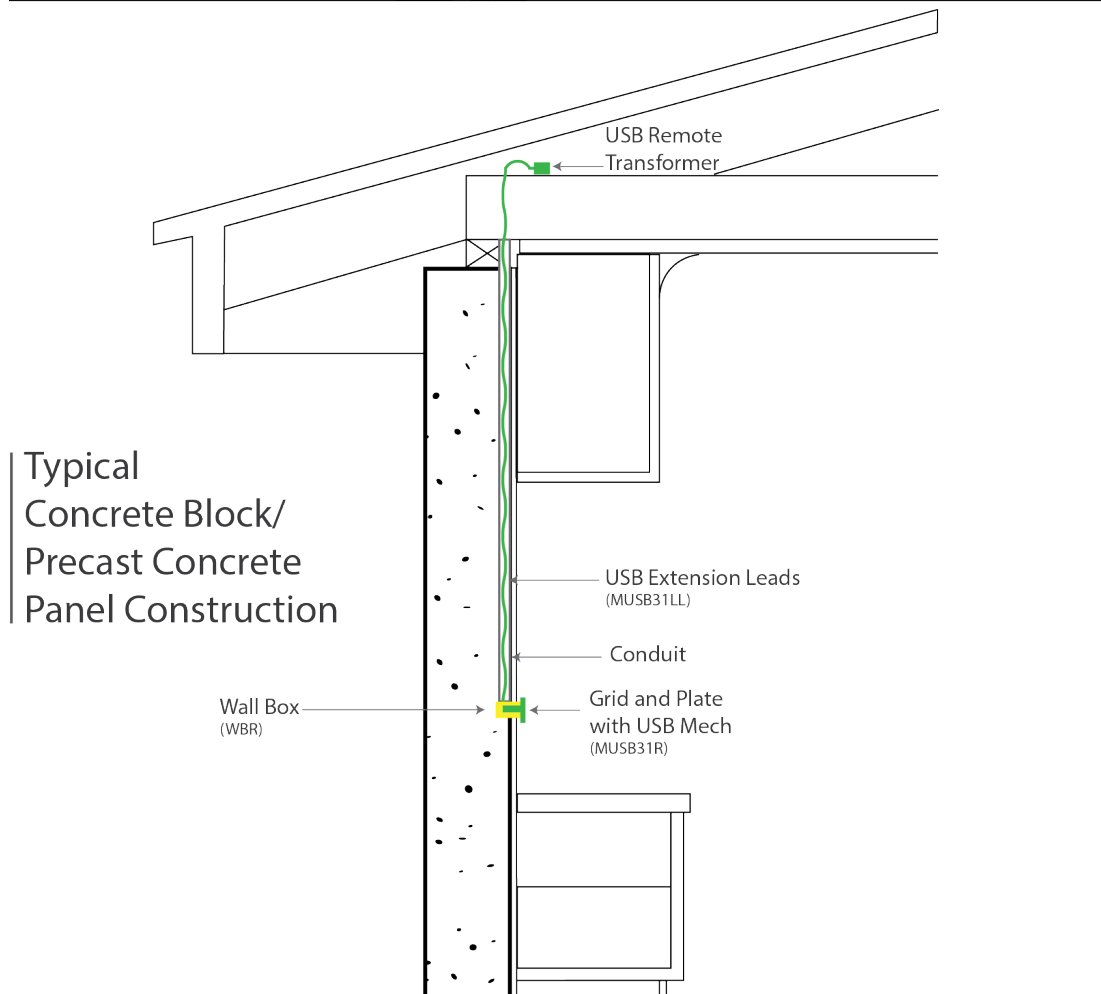
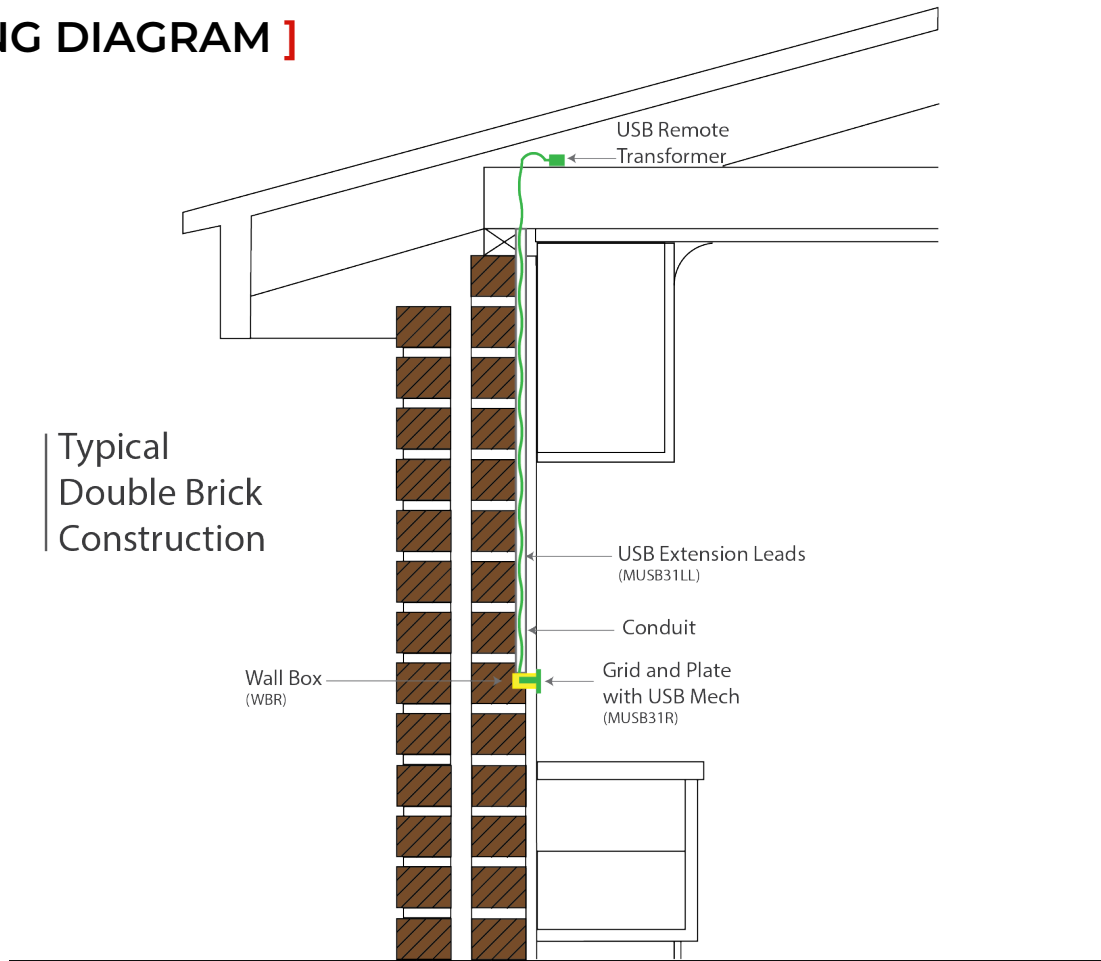
MUSB31R2C



MUSB31R2CB

\*MUSB12 is not compatible with POD10X, POD10X-L and SS-POD10X

# [ WIRING DIAGRAM ]



## [ DESCRIPTION ]

Connected Switchgear manufactures a variety of USB charger mechanisms and devices, now including a USB charger power outlet. The port is not specific meaning your phone or tablet can be plugged into either USB port to charge. With a total output of 3.1A at 5V it provides adequate power to charge a mobile device.

## [ FEATURES ]

- USB Output 5V 3.1A
- Power Outlet 10A
- Dual USB Output - Not Device Specific
- Recharges All Electronic Devices Including Smart Phones & Tablets
- Available in White

## USB INTEGRATED OUTLET

## [ TECHNICAL PARAMETERS ]

- Input Voltage: 240V AC
- Input Frequency: 50/60Hz
- Output Voltage: 5V DC
- Output Current: 3.1A
- Max Output Power: 5W
- Complies with:  
AS/NZS 3100:2009+A1-4  
AS/NZS 3112:2011+A1-3  
AS/NZS 60950.1:2015

## [ APPROVALS ]

- SAA Approved

## [ IMAGES ]



USB-POD10



USB-POD10

## [ SPECIFICATIONS ]

USB CHARGER MECHANISMS			
Product Code	Type	Fast Charge Capable	Colour
MUSB12	USB Charger Mechanism 1.2A 5V	NO	WHITE
MUS31R	Dual USB Remote Transformer with 300mm Extension Leads 6.2A (2 x 3.1A) 5V	YES	WHITE
MUSB31RC	Dual USB to C Remote Transformer with 300mm Extension Leads 6.2A (2 x 3.1A) 5V	YES	WHITE
MUSB31R2C	Dual USB C Remote Transformer with 300mm Extension Leads 5-12V 27W PD3.1 Turbo Charge	YES	WHITE
MUSB31LL	Dual USB Remote Transformer 2.4m Extension Lead ONLY	-	WHITE
MUSB12B	USB Charger Mechanism 1.2A 5V	NO	BLACK
MUSB31RB	Dual USB Remote Transformer with 300mm Extension Leads 6.2A (2 x 3.1A) 5V	YES	BLACK
MUSB31RCB	Dual USB to C Remote Transformer with 300mm Extension Leads 6.2A (2 x 3.1A) 5V	YES	BLACK
MUSB31R2CB	Dual USB C Remote Transformer with 300mm Extension Leads 5-12V 27W PD3.1 Turbo Charge	YES	BLACK
MUSB31LLB	Dual USB Remote Transformer 2.4m Extension Lead ONLY	-	BLACK
USB-POD10	Double Power Outlet with Integrated Dual USB Charger 240V AC 10A, USB 3.1A 5V	NO	WHITE



MUSB31RCB  
& SS-POD10X



MUSB31RC &  
BS-POD10X



## [ WARRANTY ]

Connected Switchgear mechanisms come with a trusted 5 Year In House Warranty. That means that you have peace of mind knowing that if a fault develops within a five year period, Connected Group Australia will cover the cost of replacing the product and it's installation.\*

\* See our website for full terms and conditions [www.connectedswitchgear.com.au](http://www.connectedswitchgear.com.au)

## [ RELATED PRODUCTS ]



PB1-L with  
MTDM350



POD10X-L

The additional switch mechanism is removable in all of our double socket outlets, allowing replacement with AC, electronic or USB mechanisms.

In various applications where it is not possible to position the dual USB transformer pack behind the wall plate/socket outlet, the optional 2.4m extension lead (MUSB31LL) allows for the transformer to be located in a more convenient location.



MUSB31LL