

3. Switch Dim

- If no sensors are used and a push to make switch is required to dim the DALI fittings then the return switch wire from the push to make switch needs to be connected to the input labelled switched L1. This will control 1 half of the box. If the switch is to control both channel 1 and channel 2 a link between switched L1 and switched L2 needs to be installed.

If it is in the dual circuit power supply mode:

Remove all 6 wires then it will be in dual circuit supply mode, Wires 1 and 2 can remain in when controlling the box with 1 DALI PIR.

1. Fixed Output

- If the 2 channels are controlled by 2 different sensors, plug 1 sensor into input 1 and 1 sensor into input 2.

2. DALI Dimming

- If both channel 1 luminaires and channel 2 luminaires are controlled by the same DALI sensor, the user can plug the sensor into input 1 or input 2. Install the red and brown wires which can be found in the accessory plastic bag between L1 and switched L1 red wire and L2 and switched L2 brown wire. Ensure wires 1 and 2 remain connected.
- If a push to make switch is required to work with the PIR, then the return switch wire needs to be connected to push 1 terminal if the PIR is in input 1 or push 2 terminal if the PIR is in input 2. This switch will operate both channels. Ensure link wires 1 and 2 remain in.
- If the 2 channels are controlled by 2 different DALI sensors, plug 1 sensor into input 1 and 1 sensor into input 2. Install the brown and red wires as stated above but remove wires 1 and 2 to create individual DALI channels.
- If 2 push to make switches are required to work with the PIRs, then the return switch wires need to be connected to push terminal 1 for PIR 1 and push terminal 2 for PIR 2. Ensure wires 1 and 2 are removed. As this is off 2 circuits 380 volts could be present at the switch and will need labelling as such.

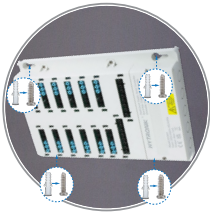
3. Switch Dim

- If no sensors are used and a push to make switch is required to dim the DALI fittings then the return switch wire from the push to make switch needs to be connected to the input labelled switched L1. This will control 1 half of the box. Repeat this for the second half of the box and connect the return switch wire to the input labelled switched L2. Again 380 volts may be present at the switch and will need labelling as such.

6. Installation methods

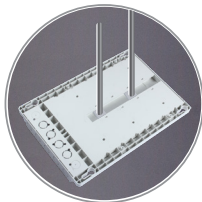
Surface Mount

It can work with 4 x M6 screws to fix onto both walls and ceilings.



Channel Nut Mount

It can work with channel nuts to fasten into the back.



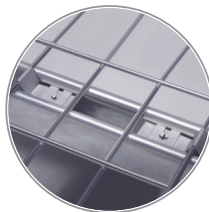
Mounting Rods

It can be fixed with mounting rods.



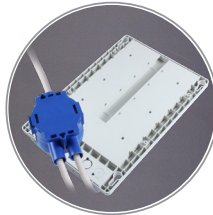
Marco Tray Mount

It can work with Marco clips steel wire cable tray system.

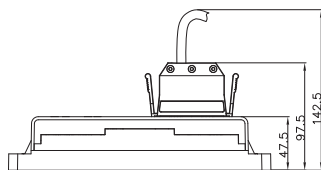


BESA/Junction Box Connection

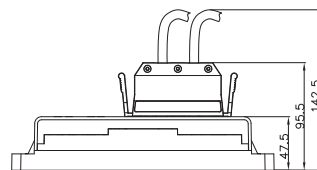
It can be connected with BESA/junction box.



7. Plug Minimum Installation Height



Luminaire plug (HP03)



Sensor plug (HP06)

Note: The minimum height for total height of unit is 142.5mm(including connectors and cables).

8. Ceiling Rose/ Conduit Box Connection

Description

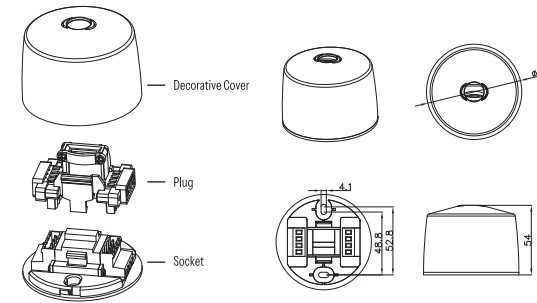
Ceiling rose QCCR01 can be used when there is a need to take power from a conduit box. The installation-friendly design comes with a very spacious termination space for really easy wirings.

Key Features

- Can be freely placed or fixed with BESA/junction box
- Taking power from BESA/junction box
- Allowing fast connection with quick connection box
- Double latch feature to prevent loose connections
- Manufactured in flameretardant material

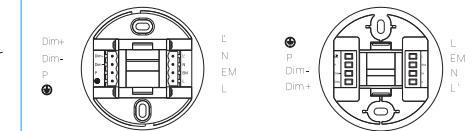


Mechanical Structure & Dimensions (mm)

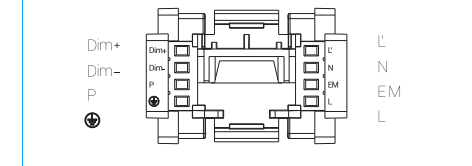


Input & Output Terminal Function

Terminal for Socket



Terminal for Plug



Connection to SCB03



9. Additional Information / Documents

1. To learn more about detailed product features/functions, please kindly refer to <https://hytronik.com/products/scb03>
2. Data sheet is subject to change without notice. Please always refer to the most recent release on <https://hytronik.com/products/modular-wiring-systems>
3. Regarding Hytronik standard guarantee policy, please kindly refer to <https://hytronik.com/service/downloads> (Guarantee Conditions document)