

CJC[®] SWITCH RANGE

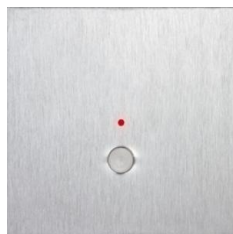
1. Product Description

CJC offers an entire range of Qbus compatible switches. The Qbus compatible CJC switches come completely assembled. A bus connection with connector (no polarity) is provided and supplies the power and control of the module. To find out the different product variations and finishing options, see www.cjcsystems.com

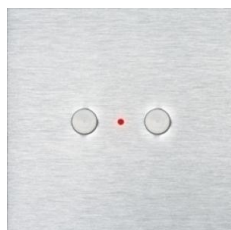
The Qbus System Manager software allocates an output name or scene to each button on a CJC switch. Therefore, each switch has a unique serial number for this programming. This number can be transmitted to the central unit indicating which switch is involved during programming. During installation always make sure the number is located on the upper side. Thus, BUTTON1 will be situated on the upper left-hand side. If the same output name is attributed to several buttons on the same module, these buttons will as it were be located in parallel. By attributing the same output names to several modules a switch connection or cross connection is created.

NEVER CONNECT OR DISCONNECT SWITCHES WHILE THE BUS IS UNDER TENSION!

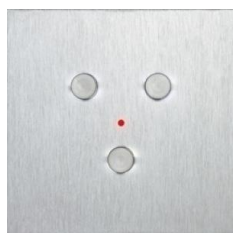
CJC 60 series



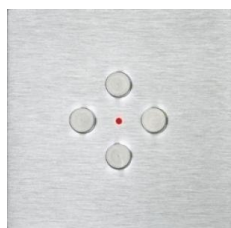
CJC[®] 60 – 1 button



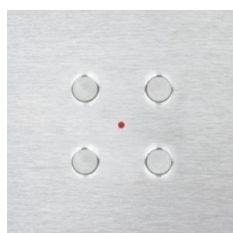
CJC[®] 60 – 2 buttons



CJC[®] 60 – 3 buttons



CJC[®] 60 – 4 buttons diamond

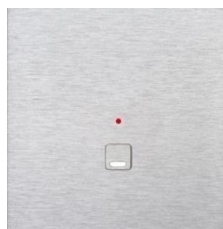


CJC[®] 60 – 4 buttons square

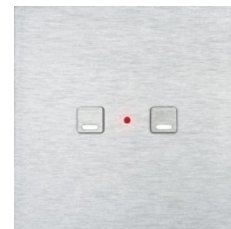
All versions have white leds indirectly lighting the buttons. Via the Qbus System Manager software, the leds can be set to be constant on, constant off, or to shine brightly when on and shine on low light when off. The middle led is red – signaling the switch is active.

The 60-series comes with 1,2, 3 and 4 pushbuttons. The 4-button versions can control eight circuits. When pushing two horizontal buttons at the same time (the two top or two bottom buttons on the 4 buttons square version, the two middle buttons on the 4 buttons diamond version), the white leds on the switches will blink, meaning the second page of the switch is activated which allows the control of 4 other circuits via the same pushbuttons.

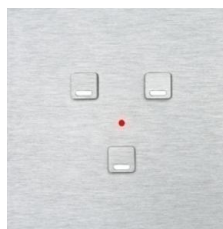
CJC 80 series



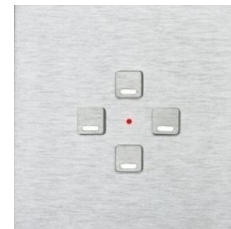
CJC[®] 80 – 1 button



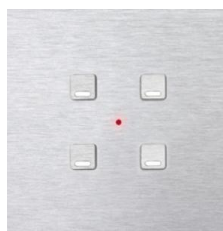
CJC[®] 80 – 2 buttons



CJC[®] 80 – 3 buttons



CJC[®] 80 – 4 buttons diamond



CJC[®] 80 – 4 buttons square

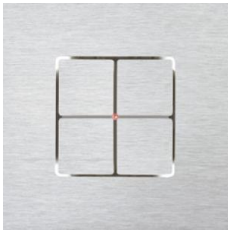
All versions have white leds indirectly lighting the buttons. Via the Qbus System Manager software, the leds can be set to be constant on, constant off, or to shine brightly when on and shine on low light when off. The middle led is red – signaling the switch is active.

The 80-series comes with 1,2, 3 and 4 pushbuttons. The 4-button versions can control eight circuits. When

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pushing two horizontal buttons at the same time (the two top or two bottom buttons on the 4 buttons square version, the two middle buttons on the 4 buttons diamond version), the white leds on the switches will blink, meaning the second page of the switch is activated which allows the control of 4 other circuits via the same pushbuttons.

CJC 40 series



CJC[®] 40 serie

All versions have white leds in the corners of the buttons. Via the Qbus System Manager software, the leds can be set to be constant on, constant off, or to shine brightly when on and shine on low light when off. The middle led is red – signaling the switch is active.

The 40-series comes with 1,2 and 4 pushbuttons. The 4-button versions can control eight circuits. When pushing two horizontal buttons at the same time (the two top or two bottom buttons on the 4 buttons square version, the two middle buttons on the 4 buttons diamond version), the white leds on the switches will blink, meaning the second page of the switch is activated which allows the control of 4 other circuits via the same pushbuttons.

Special Versions

Temperature

All 4-button CJC switches (60,80, 40 series) also exist in a version with a temperature sensor embedded in the switch. For these switches, the temperature program that controls the heating in the specific room, can be allocated to one or more pushbuttons on that switch. The thermostat can be regulated by 5 programs which can be selected by pushing the dedicated button on the switch. Each program has its own temperature setting and the middle LED is used to indicate which program is running (white, blue, green, orange, red).

Up to 4 outputs are instantly generated by the System Manager and can be used in any relay module :

1. Heating = the ambient temperature is below the selected program, the heating output switches on.
2. Turbo = the ambient temperature is below the selected program with a value higher than a set limit, the turbo output switches on (heating boost).

3. Alarm = the ambient temperature is outside the minimum or maximum temperature limits, the alarm output switches on.
4. Cooling = the ambient temperature is too high, the cooling output switches on.

For the heating and cooling outputs, the hysteresis can be set between 0.5°C and 5°C.

To find out more about configuring a temperature switch, please refer to the Qbus System Manager.

Motion

The one-button version of the 60-series also comes with a motion sensor instead of the push button. The motion detector has a diameter of only 9mm. The range is approximately 7m at an angle of 110 degrees.

In these switches, there is no middle led but a light sensor that detects the light level in the room, which can be used to activate the motion sensor. At the same time, also the level of movement at which the detector needs to detect can be indicated via the Qbus System Manager.

Infrared

The infrared version has the same frame as a 3-button 60 serie, whereby the lowest button is replaced by an infrared receiver. It can control upto 12 outputs/scenes with an universal infrared remote control. The first 4 infrared codes are always used for the function of the 4 pushbuttons. The other 8 channels can be assigned to any other output.

The infrared codes can be sampled / taught with this switch or they can be downloaded from the database.

The possibility to sample IR-codes creates the opportunity to use many different remote controls with the Qbus system.