



Abracadabra: DALI ECGs with Touch DIM

Dimming without a control unit or dimmer switch

SEE THE WORLD IN A NEW LIGHT



Lighting control made even easier: Touch DIM



More than standard

Touch DIM is an additional function that goes beyond the functionality defined in the DALI standard. With *Touch DIM*, as with DALI operation, there is no need to worry about the polarity of the control lines. This is a distinct advantage over the widely used 1-10V interface.* It could not be easier for both operating modes or wiring variants. What's more, *Touch DIM* mode offers the following comfort functions:

- Soft starting from any dimmer setting
- Automatic dimming to the stored reference value
- Override dimming at any time
- Storage of the reference switch-on value in the ECG
- Storage of the current status in case of a power failure

* The *Touch DIM* function is also possible with OSRAM converters from DALI to the 1-10V interface.

Automatic changeover

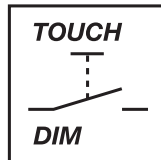
All that is needed for *Touch DIM* is a standard switch for mains voltage. The ECG is changed over from DALI (factory default setting) to the *Touch DIM* function by pressing the switch for at least 3 seconds. This ensures that the function is not activated by mistake. If the ECG is used again in a DALI system, the unit automatically changes over again with the next DALI command. It is possible to toggle between the two operating modes any time and any number of times.

Either – or

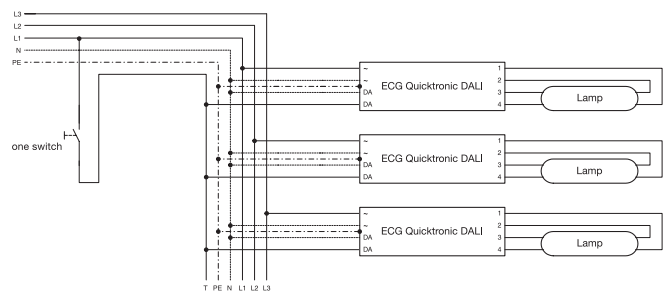
Touch DIM must not be used simultaneously with a DALI control system as this may lead to malfunctions in the ECG/converters or in the control system. Either DALI mode or *Touch DIM* mode.

Dimming with mains voltage

To make lighting control with DALI components even easier, OSRAM has come up with something special for its new generation of DALI ECGs - the *Touch DIM* one-switch control. It is now possible to dim and switch the control gear directly with mains voltage at the control terminals. To use this function all that is needed is appropriate wiring of the ECGs.



ECG Quicktronic® DALI



Wiring for one-switch operation, *Touch DIM*

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For a general overview of DALI see the DALI Handbook, published by the Activity Group DALI (AG DALI). The technical details of DALI control units and DALI ECGs from OSRAM are given in the OSRAM DALI Guide and on the OSRAM home page at www.osram.com

