



TALEXconverter 0025 K210 24 V one4all

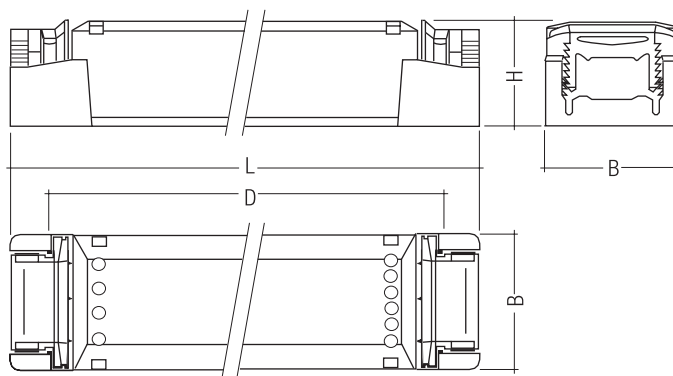
LCU indoor IP20

Product description

- 1-channel one4all converter
- For 24 V LED modules
- Dimming range 0.1 to 100 %
- switchDIM-MEMORY
- Short-circuit protection with automatic restart
- DC supply possible
- Rapid installation of cable clamp and terminal cover, no tool required
- Overtemperature protection
- 1 addressable and dimmable PWM output channel and 1 fixed 24 V output channel
- Cross-section of connecting cable: 2.5 mm²
- Connecting cable, supply side: H03VV-F, H05VV-F
- PWM signal output: 24 V DC

Technical data

Rated supply voltage	230 V
Input voltage, AC	198 – 254 V
Input voltage, DC	200 – 240 (160) V ^①
Rated current (at 230 V 50 Hz)	0.13 A
Mains frequency	0 / 50 / 60 Hz
PWM frequency	1 kHz
Efficiency	> 82 %
Max. input power	31 W
Output power	25 W (max. sum of fixed and dimmable output)
Dimming	DSI, DALI, switchDIM – single momentary-action switch
Ambient temperature t _a	-25 ... +45 °C
Weight	0.155 kg
Dimensions LxWxH	167 x 42 x 31 mm
Hole spacing D	143 – 148 mm



Ordering data

Secondary voltage DC	Type	Article number
24 V	0025 K210 24 V	86455937

Packaging: 20 pieces/carton

^① After power up with higher voltage, the device will work with a reduced voltage as specified above.



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Standards

EN 55015
EN 61000-3-2
EN 61000-3-3
EN 61347-1
EN 61347-2-13
EN 61547
EN 62384

switchDIM (with memory function)

Integrated switchDIM function allows a direct connection of a push to make switch for dimming and switching.

Brief push (< 0.6 s) switches converter ON and OFF. The converters switch-ON at light level set at switch-OFF.

When the push to make switch is held, LED modules are dimmed. After repush the LED modules are dimmed in the opposite direction.

In installations with converters with different dimming levels or opposite dimming directions (e.g. after a system extension), all converters can be synchronized to 50 % dimming level by a 10 s push.

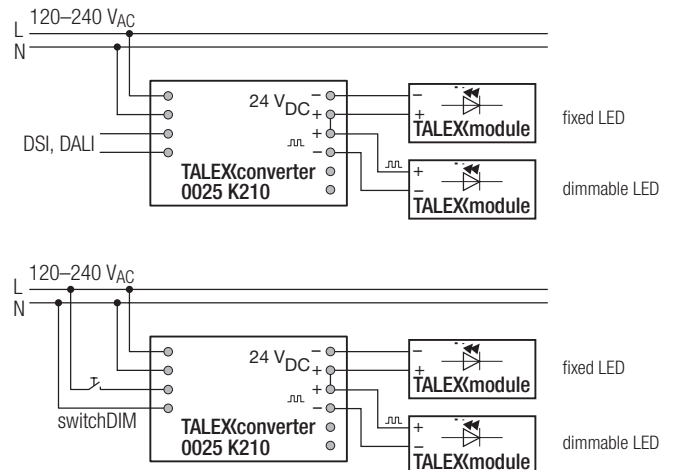
Use of push to make switch with indicator lamp is not permitted.

switchDIM is a very simple tool for controlling ballasts with conventional momentary-action switches or motion sensors.

To ensure correct operation a sinusoidal mains voltage with a frequency of 50 Hz or 60 Hz is required at the control input.

Special attention must be paid to achieving clear zero crossings. Serious mains faults may impair the operation of switchDIM.

Wiring



Maximum loading of automatic circuit breakers

Automatic circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
Installation Ø	1.5 mm ²	1.5 mm ²	1.5 mm ²	2.5 mm ²	1.5 mm ²	1.5 mm ²	1.5 mm ²	2.5 mm ²
0025 K210 24 V	60	80	100	125	60	80	100	125