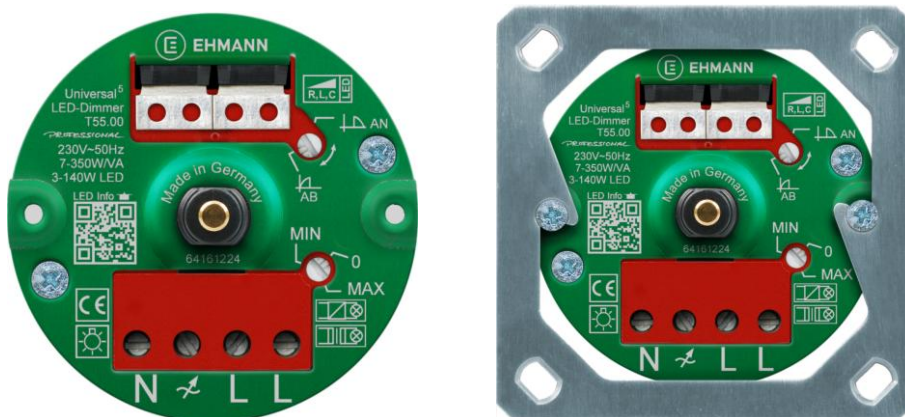


# Universal<sup>5</sup> LED flush-mounted dimmer professional T55.00 / T55.00.1

Item-no.: 5500x0000ch / 5500x0010ch



Universal<sup>5</sup> LED-Dimmer for reliable dimming independent from manufacturer and type of LED

ISO-gate<sup>®</sup> Technology – For a maximum of power range and LED compatibility

Silent Technology – Operates utterly quiet

Freely selectable setting of dimming principle (leading or trailing edge), manually switchable

Easy optimization for flicker-free dimming by adjusting the minimum and maximum brightness

Automatic detection of neutral conductor, therefore possibility of 2 or 3 wire connection

Electronic overload/short-circuit protection and temperature protection with automatic reactivation

No stand-by consumption because of a real on/off switch

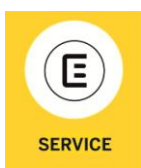
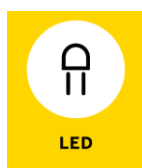
Compatible with common switch ranges from Feller, Hager etc.

With (5500x0010ch) or without (5500x0000ch) Swiss mounting frame

EHMANN advantage - 100 % quality assurance, 5 years warranty, German manufacturer

EHMANN service - Up to date LED recommendation accessible via imprinted QR-code at any time

EHMANN quality - High-grade manufacturing and reliable function



**Vertrieb Schweiz**  
**www.ses-shop.ch**

SANTEC Systems AG  
Weihermattstrasse 86  
CH-5000 Aarau

## Universal<sup>5</sup> LED flush-mounted dimmer professional

### T55.00 / T55.00.1

#### Technical data

3 - 140 W LED rated power	7 - 350 W/VA Rated power	230 V ~ (+/- 10%) / 50 Hz Rated voltage
Suitable for dimmable LEDs, LED-driver, filament LEDs, incandescent- and HV- and LV-halogen lamps HAZARD WARNING! With inductive loads, the dimmer needs to be operated with the leading-edge principle and without neutral conductor.		
Working principle: leading or trailing edge Function: rotation dimmer with pressure two-way switch Shaft: Ø 4 mm metal shaft with fine raster (Ø 6 mm with adapter) Connection: screw terminals up to 2 x 2.5 mm² (rigid) Temperature protection: resettable thermal switch Overload/short-circuit protection: electronic		<div><div>LED</div><div>HALO GEN</div><div></div><div></div></div> <div><div>CE</div><div>R, L, C</div><div>LED</div><div></div><div></div></div> <div><div></div><div>REACH 1907/2006</div><div></div><div>RoHS 2011/65/EU</div><div></div><div></div></div>
<b>ISO-gate® Technology</b> Reliable LED dimming with the new ISO-gate® Technology by EHMANN. Based on complex dimming switching circuits, the „natural triggering“ allows a dynamic interaction between dimmer and LED and ensures perfect dimming solutions. Maximum LED compatibility – controls even the newest LED technologies.		
<b>Leading edge Trailing edge</b>  The dimming principle can be switched manually to leading or trailing edge. Depending on which dimming principle fits to the used lamp. 	<b>Tuning possibility for flicker-free dimming of LED-lamps</b>  In case of flickering during dimming the LED lamp, you can try to adjust in the lowest and highest dimming range the minimum and maximum brightness to optimize the dimming behavior. 	<b>LED recommendation</b>  Shows which LEDs are compatible with this dimmer. Available via QR code or online at <a href="http://www.ehmann-gmbh.de">www.ehmann-gmbh.de</a> 
Please read the product manual carefully before installation and commissioning!		
Item-no.: 5500x0000ch Item-no.: 5500x0010ch	EAN 401209600747 0 EAN 401209600763 0 PU 10 PU 10	59 x 33 mm Dimensions (L x W x H)