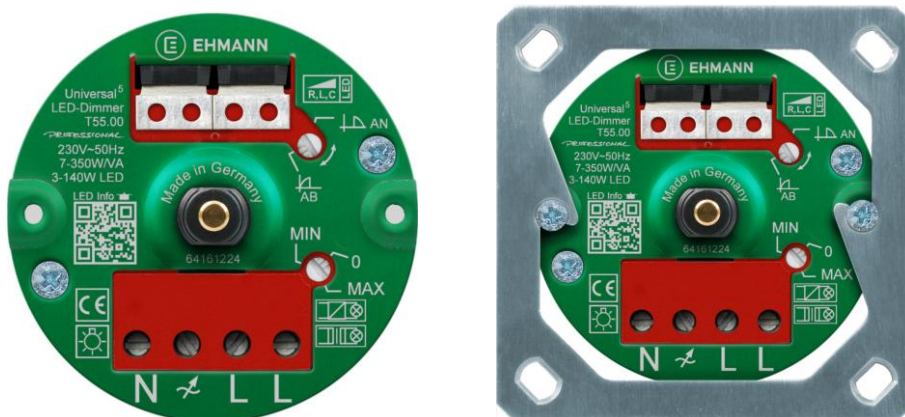


# Universal<sup>5</sup> LED flush-mounted dimmer professional T55.00 / T55.00.1

Item-no.: 5500x0000ch / 5500x0010ch

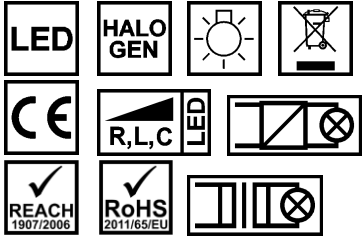

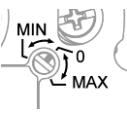



- Universal<sup>5</sup> LED-Dimmer for reliable dimming independent from manufacturer and type of LED
- ISO-gate<sup>®</sup> Technology – For a maximum of power range and LED compatibility
- Silent Technology – Operates utterly quiet
- Freely selectable setting of dimming principle (leading or trailing 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



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

Technical data

<b>3 - 140 W</b> <b>LED rated power</b>	<b>7 - 350 W/VA</b> <b>Rated power</b>	<b>230 V ~ (+/- 10%) / 50 Hz</b> <b>Rated voltage</b>
<p>Suitable for dimmable LEDs, LED-driver, filament LEDs, incandescent- and HV- and LV-halogen lamps  <b>HAZARD WARNING!</b> With inductive loads, the dimmer needs to be operated with the leading-edge principle and without neutral conductor.</p>		
<p>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 mm<sup>2</sup> (rigid)            Temperature protection: resettable thermal switch            Overload/short-circuit protection: electronic</p>		
<p><b>ISO-gate<sup>®</sup> Technology</b>            Reliable LED dimming with the new ISO-gate<sup>®</sup> 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.</p>		
<p><b>Leading edge</b>  <b>Trailing edge</b></p> <p>The dimming principle can be switched manually to leading or trailing edge. Depending on which dimming principle fits to the used lamp.</p> 	<p><b>Tuning possibility for flicker-free dimming of LED-lamps</b></p> <p>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.</p> 	<p><b>LED recommendation</b></p> <p>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></p> 
<p>Please read the product manual carefully before installation and commissioning!</p>		
<p>Item-no.: 5500x0000ch            Item-no.: 5500x0010ch</p>	<p>EAN 401209600747 0            EAN 401209600763 0</p> <p>PU 10            PU 10</p>	<p>59 x 33 mm            Dimensions (L x W x H)</p>