



# Product Description

## HF-Regulator II for TL5 lamps

Flat, lightweight high-frequency electronic regulating ballast, using 1-10V protocol for TL5 fluorescent lamps

### Benefits

- The lamp power can be dimmed from 1 to 100% via the Analog control input (in accordance with the 1-10 V industry standard)
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- Compliant with European and Asian norms and suitable for emergency lighting systems
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- HF operation improves light quality, lamp lifetime
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- Combined with controls, additional energy savings can be achieved
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### Features

- Programmed start: flicker-free ignition <lt/> 0.5 seconds and striation-free operation, no stroboscopic effects. Preheating the lamp electrodes enables the lamps to be switched on and off without reducing life
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- Smart power ensures constant light, independent of mains fluctuations
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- Up to 60% reduction in energy consumption by using automatic lighting control systems
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- Stop circuit is activated within 5 seconds in the event of lamp failure (safety stop), and ballast resets automatically after lamp replacement
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### Application

- Indoor, general and task lighting applications in combination with lighting control systems (personal control, daylight linking and/or movement detection)
- 1-10V installations with daylight linking and/or movement detection (for energy savings)
- 1-10V installations with remote control systems (combining energy savings with comfort)
- Installations with emergency back-up, according to IEC 60598-2-22

