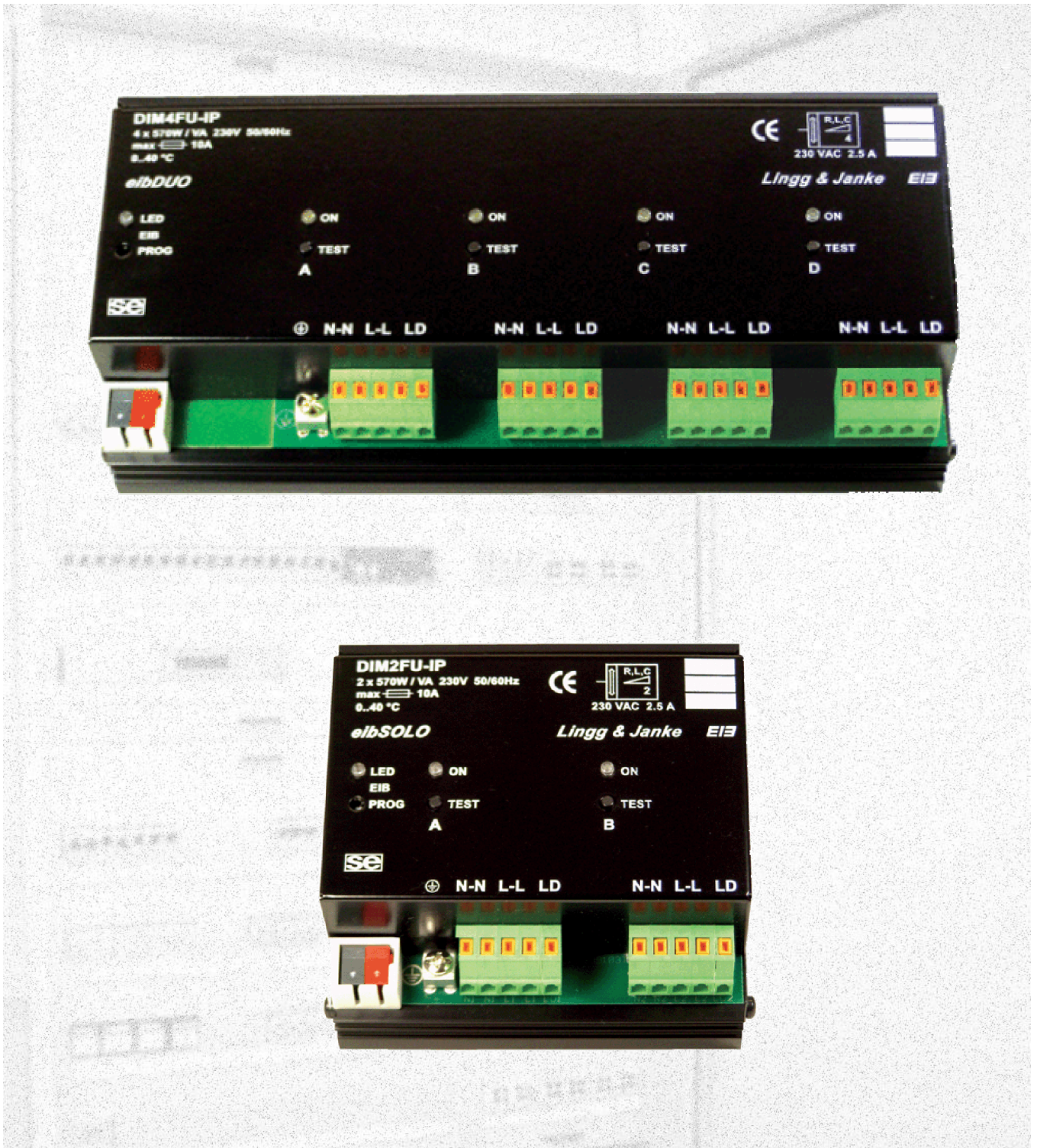
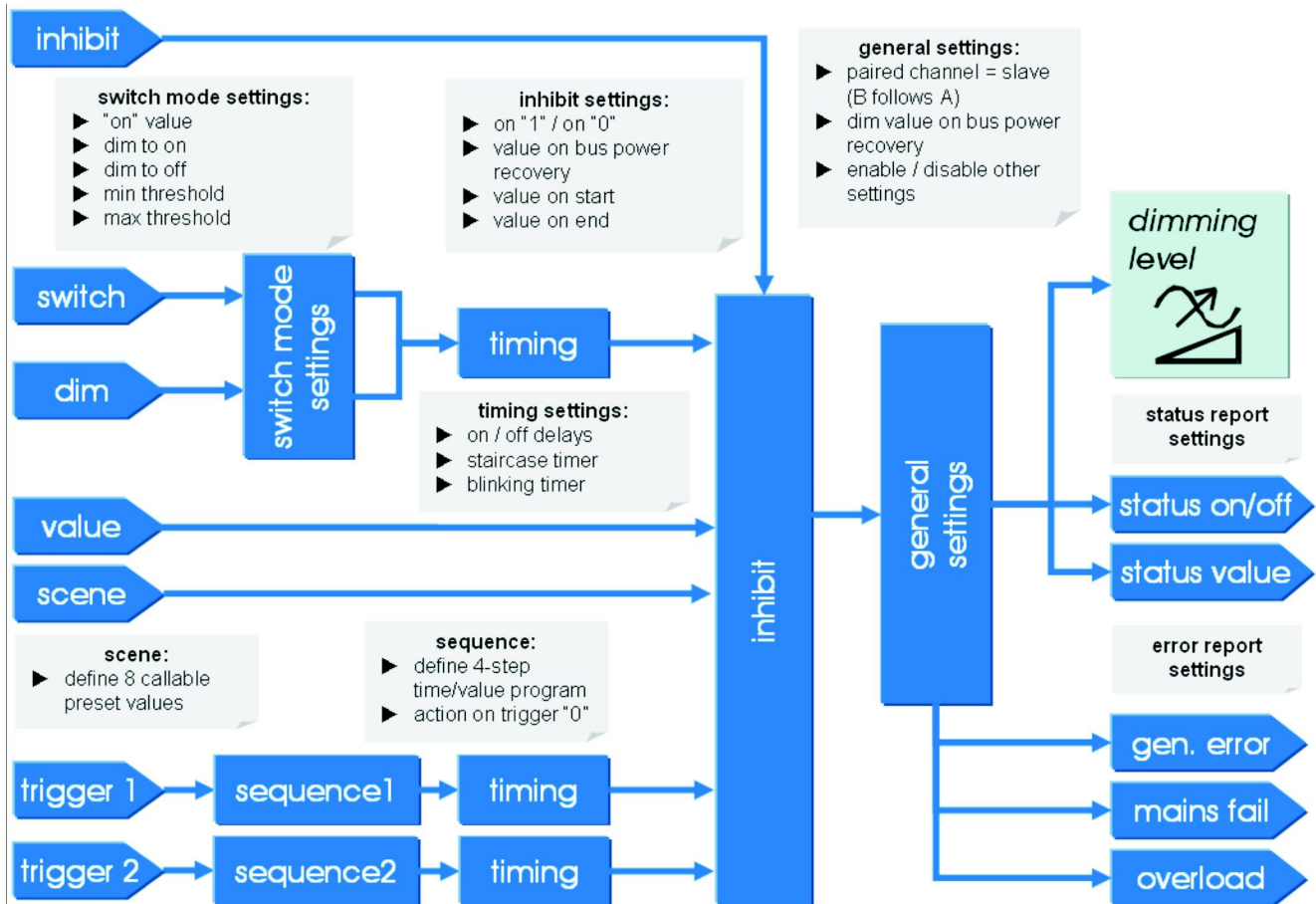


universal dimmers



The universal dimmers DIM2FU and DIM4FU can independently dim 2 / 4 load circuits. The device automatically detects the type of load and correspondingly the required dimming action with either forward or reverse phase cut. The max. switch-on-current for each channel should not exceed a load of 13A. Each circuit permits a load of up to 570 W / VA (DIM4FU300 up to 300 W / VA), optionally combined with mixed operation of both channels: in case higher loads need to be dimmed, a pair of dimming channels may be merged; in this way, an output power of 1x (2x) 1140 W / VA (DIM4FU300 - 2x 600 W / VA) can be controlled. ■ The robust metal housing also serves to cool the devices, by securely transporting off any possible heat load and thus guarding the device. Overvoltage, current or temperature overload are detected to further ensure optimal protection. ■

With a single-button control on the top side of the device, each channel may be dimmed manually. This obviously allows the testing of the connect load circuit without any bus programming and simplifies servicing. ■ While allowing for a different number of load circuits, the flexible application software is identical for both versions of the dimming actuator, which once more simplifies design and configuration. ■ Apart from the usual dimming functions, two mood lighting scenes and two sequenced control commands are available, along with locking and switching. Just like all other parameter settings, extended status and error reporting can be enabled per channel, completing praxis oriented usage. ■



technical specifications

parameter settings for dimmer

number of independent dimming channels:	2 (DIM2FU) / 4 (DIM4FU)
max. load DIM2FU / DIM4 FU:	2 (4) x 570W / VA or 1 (2) x 1140 W / VA at 230V / 50..60 Hz
DIM4FU300:	4 x 300W / VA or 2 x 600W / VA at 230V / 50..60 Hz
load type adjustment: dimming operation:	automatic forward / reverse phase cut (aut.)
max. number of group addresses:	96
max. number of , associations:	96 (dynamical)

width x height x depth: 108 (216) x 90 x 50 mm
6 (12) DIN rail units

Further features:

- integrated single pushbutton manual control per channel
- operation indication per channel
- allows parallel connection of loads
- automatic load type adjustment, with forward or reverse phase cut
- load circuits galvanically separated
- temperature and current overload protection
- overvoltage recognition
- aut. mains frequency detection (50 / 60 Hz)
- 255 effective brightness levels
- scene / mood lighting functions
- 2 independent sequence programs per channel

datasheet dim/E/080131

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