

This universal emergency lighting unit CUK K-S serves the extension of existing fluorescent luminaires with emergency lighting functionality conforming to the European selftest standard. The compact metal housing is suitable for protection class I luminaires. Adapted charge condition for NiCd.

In emergency mode the lamp is fully separated from the (electronic) ballast (4-pole separation). Therefore the ballast phase is switched off by a relay contact. As the relay controls are operated with a microprocessor, this unit can be used with all 1- to 4-lamp (electronic) ballast types. Due to the complete separation of mains phase and lamp (5-pole separation), the requirements of EMV standards are also fulfilled in emergency mode.

## Technical specifications

<b>Mains voltage range:</b>	220 – 240 V	<b>Functionality test:</b>	weekly 2 min.
<b>Mains frequency:</b>	50 / 60 Hz	<b>Duration test:</b>	Annually
<b>Mains current:</b>	15 mA	<b>Battery charging time:</b>	24 h
<b>Max. case temperature tc:</b>	65 °C	<b>Protection classes:</b>	I
<b>Power consumption:</b>	max. 8 W	<b>Protection type:</b>	IP20
<b>Switchover time mains to emergency:</b>	< 0,5 s	<b>Weight:</b>	125,8 g

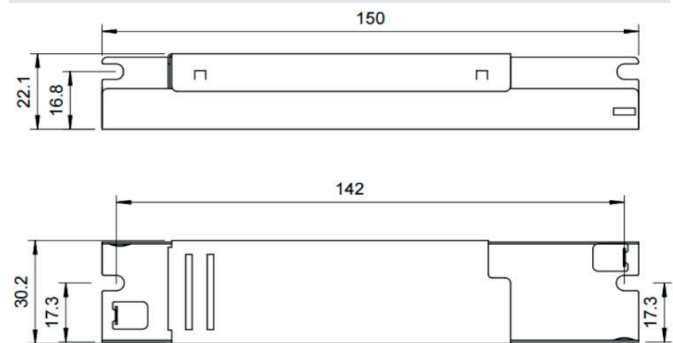
## Article

**CUK K-S 6-80 1h 4CD** Art. Nr. 12214109

### Properties

- Non-maintained mode / Maintained mode / Switched maintained mode
- Selftest as per IEC 62034
- Bi-colour LED status display
- Constant power output in emergency mode
- Ambient temperature 5 – 50 °C
- Compatible with all non-dimmable (electronic) ballasts
- Shut-down of (electronic) ballast-phase in emergency mode
- 5-pole-technology: FL tube changeover and delayed power switching for the (electronic) ballast
- Preventing damage to the lamp due to permanent cathode heating in emergency mode
- Reverse polarity protection for battery
- Deep discharge protection

Description	Amount	Art. Nr.
Battery NiCd 4x1.2V SC/BS/1.8Ah	1x	31411211
Battery End Cap	2x	3243100

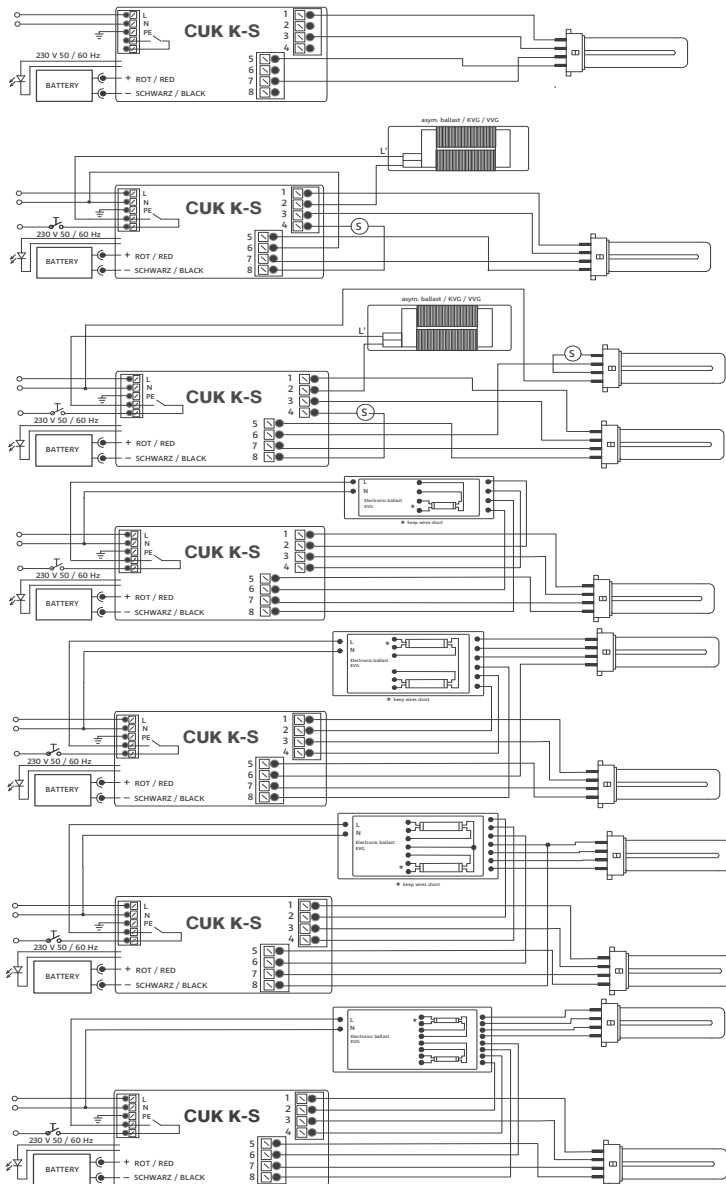


### Selftest

- Selftest conforming to IEC 62034
- Bi-colour LED status display
- Battery status
- LED module status
- Charging cycle

- LED green: System fault free
- LED red blinking: Mains available with battery not connected or faulty battery
- LED red intermittend blinking: Light defect or not connected
- LED off: Mains fault, Battery fully discharged or faulty emergency unit

## Connection diagram



### Usable lamp types

- PL-R 14 W
- PL-R 17 W
- T5 14 W – 80 W
- T5C 22 W – 40 W (except T5C 55 W)
- T8 18 W – 58 W
- TC-DEL 13 W – 26 W
- TC-F 18 W – 36 W
- TC-L 18 W- 40 W (except TC-L 55wW/80 W)
- TC-TEL 18 W – 32 W (except TC-TEL 42 W/57 W)

### Batteries

- High-temperature cells 5 to 50 °C
- NiCd batteries
- SC cells
- Charging time 24 h

### Safety

- Protection classes I
- Protection type IP20

### Standards

- EN 60598-2-22
- EN 61347-2-7
- EN 61347-2-13
- EN 62384
- EN 62034
- EN 55015
- EN 61000-3-2
- EN 61000-3-3
- EN 61547
- Suitable for systems conforming to: VDE 0108 or EN 50172
- RoHs

### Certification marks

- CENELEC certificate no. ENEC 88-104095
- CE

Lamp power	Ballast Lumen Factor (25° C)
8 W	32,0 %
14 W	18,0 %
18 W	17,0 %
28 W	9,0 %
35 W	7,0 %
36 W	8,0 %
49 W	4,7 %
58 W	5,2 %
80 W	3,2 %

- T26/T8/FD: all types up to 70 W
- T16/T5/FDH: all types up to 80 W
- TC-SEL/FSD: all types from 7 W up to 11 W
- TC-L/FSD: all types from 18 W up to 55 W – except TC-L 80 W
- TC-DEL/FSQ: all types up to 26 W
- TC-DEL 13 W – 26 W
- TC-TEL/FSMH: all types from 32 W - 42 W expect 57 W
- TC-DD/FSS: all types from 16 W up to 28 W
- T16-R/FCH: all types from 22 W up to 55 W
- T16-R/FCH: all types from 22 W up to 55 W