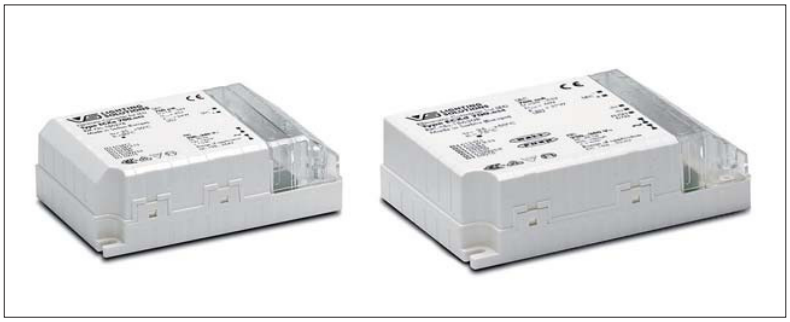
ComfortLine LED Drivers – Dimmable

700 mA / max. 24 W and max. 37 W
Compact casing shape with integrated cord grip optional for built-in or independent operation.



Electrical characteristics
Secondary side switching of LED modules is allowed (hot wiring).
Power factor at full load: > 0.9
Standby losses: < 0.5 W

Dimming
The dimming function is achieved by applying a PWM signal to the nominal current.
Dimming range: 1 to 100%
If no dimming interface is connected, brightness will stay at 100%.

Connection details
Mains voltage: 220–240 V ±10%
Mains frequency: 50–60 Hz
DC operation: 198–264 V DC, 0 Hz
(can be reduced to 176 V with reduced service life time)
With integrated through-wiring
Push-in terminals: 0.2–1.5 mm²

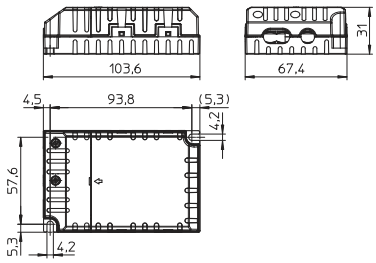
Safety features
Electronic short-circuit protection
Overload and overtemperature protection
Protection against "no load" operation
Degree of protection: IP20
Protection class II
SELV

Expected service life time
at operation temperatures at t_c point

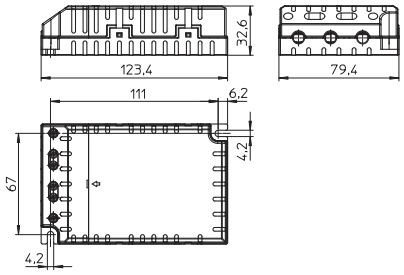
Operation current	Ref. No. all types	
all	75 °C	65 °C
hrs.	50,000	100,000

DALI
PUSH
LiCS INDOOR
See page 235–242

K2.1



K3.2



Max. output W	Type	Ref. No.	Mains voltage 0 Hz, 50–60 Hz V	Mains current mA	Current output DC mA	Voltage output DC V	Max. voltage without load DC V	Efficiency at full load % (230 V)	Ambient temperature t_a °C	Casing temperature t_c °C	Weight g
K2.1 – Dimensions: 103.6x67.4x31 mm											
24	ECXd 700.044	**186280**	198–264	160–100	700 ±5%	14–34	< 45	> 84	-25 to 50	75	145
			220–240	130–120							
K3.2 – Dimensions: 123.4x79.4x32.6 mm											
37	ECXd 700.064	**186308**	198–264	235–155	700 ±5%	30–53	< 60	> 87	-25 to 50	75	190
			220–240	200–180							

ComfortLine LED Drivers – Dimmable

700 mA / max. 34 W and max. 40 W, 1050 mA / max. 60 W



Electrical characteristics
Secondary side switching of LED modules is not allowed.
Power factor at full load: 0.97
Standby losses: < 0.5 W

Dimming
The dimming function is achieved by applying a PWM signal to the nominal current.
Dimming range: 0.5 to 100%
If no dimming interface is connected, brightness will stay at 100%.

Connection details
Mains voltage: 220–240 V ±10%
Mains frequency: 50–60 Hz
DC operation: 176–264 V DC, 0 Hz
Push-in terminals: 0.2–1.5 mm²

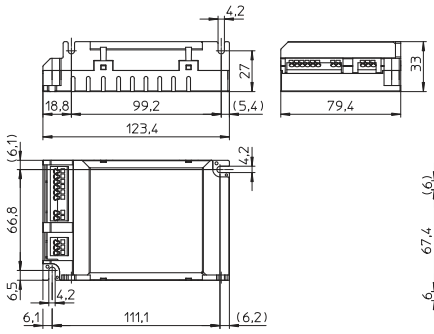
Safety features
Electronic short-circuit protection
Overload protection
Protection against "no load" operation
Degree of protection: IP20
Protection class I
SELV equivalent

Expected service life time
at operation temperatures at t_c point

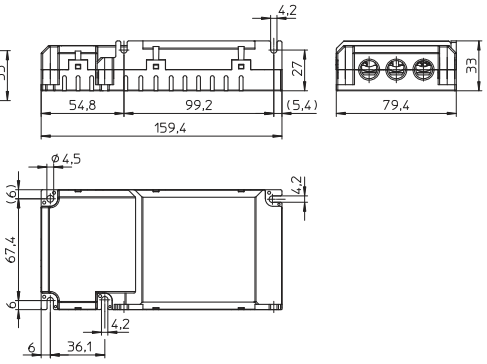
Operation current	Ref. No. all types	
700 mA	75 °C	65 °C
1050 mA	80 °C	70 °C
hrs.	50,000	100,000

DALI
PUSH
LiCS INDOOR
See page 235–242

K3



K3 with cord grip



Max. output W	Type	Ref. No.	Mains voltage 0 Hz, 50–60 Hz V	Mains current mA	Current output DC mA	Voltage output DC V	Max. voltage without load DC V	Efficiency at full load % (230 V)	12 V interface max. 2 W	Ambient temperature t_a °C	Casing temperature t_c °C	Weight g
K3 – Dimensions: 123.4x79.4x33 mm												
34	ECXd 700.017	**186177**	176–264	230–160	700 ±5%	9–48	52	> 85	no	-20 to 50	75	180
			220–240	190–170								
40	ECXd 700.026	**186221**	176–264	280–185	700 ±5%	20–57	60	> 85	yes	-20 to 50	75	186
			220–240	230–200								
60	ECXd 1050.020	**186196**	176–264	380–252	1050 ±5%	20–57	60	> 85	yes	-20 to 50	80	220
			220–240	305–275								
K3 with cord grip – Dimensions: 159.4x79.4x33 mm												
34	ECXd 700.017	**186195**	176–264	230–160	700 ±5%	9–48	52	> 85	no	-20 to 50	75	215
			220–240	190–170								
40	ECXd 700.026	**186222**	176–264	280–185	700 ±5%	20–57	60	> 85	yes	-20 to 50	75	223
			220–240	230–200								
60	ECXd 1050.020	**186197**	176–264	380–252	1050 ±5%	20–57	60	> 85	yes	-20 to 50	80	250
			220–240	305–275								