

1x60 W Constant Current LED driver

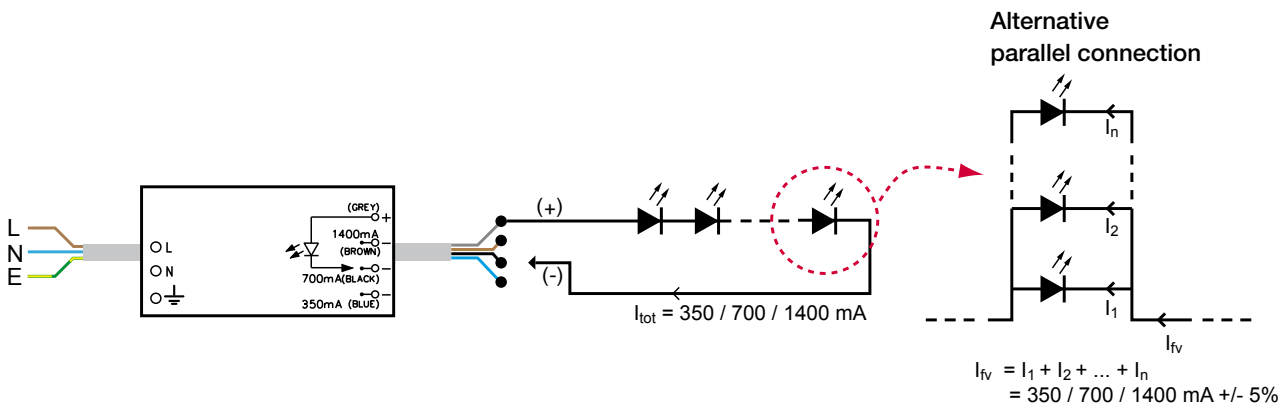


60 W 220-240 VAC, 50-60 Hz

- Selectable constant current output: 350 / 700 / 1400 mA
- Maximum 63 W load
- Short circuit protection
- Open circuit protection
- Protected up to 4 kV power network fast transients
- High efficiency > 0.90
- High power factor, 0.97
- Suitable for outdoor use IP65



Connections



Note: Not suitable for load side switching operation.

Mains Characteristics

Voltage range	198 - 264 VAC
Max mains current at full load	0.25 - 0.34 A
Frequency	50 - 60 Hz
U-OUT _{max} (abnormal)	113 V

Load Output

Output current (I-OUT)	350 / 700 / 1400 mA
Max output power	63 W
Efficiency, at full load, typical	0.9

I-OUT	350 mA	700 mA	1400 mA
P-out (max)	31.5 W	63 W	58.8 W
U-OUT	60 - 90 V	35 - 90 V	35 - 42 V
λ	0.94c	0.97	0.98
η @ max	0.86	0.9	0.9

Operating Conditions and Characteristics

Max. temperature at tc point	85 °C
Ambient temperature range	-30...+60 °C
Storage temperature range	-40...+80 °C
Maximum relative humidity	100 %
Life time:	50 000 h, at 75 °C TC 30 000 h, at 85 °C TC (90 % survival rate)

Connections and Mechanical Data

Connection wires length	0.3 m
Maximum driver to LED wire length	5 m
Weight	490 g
IP rating	IP65

Conformity & Standards

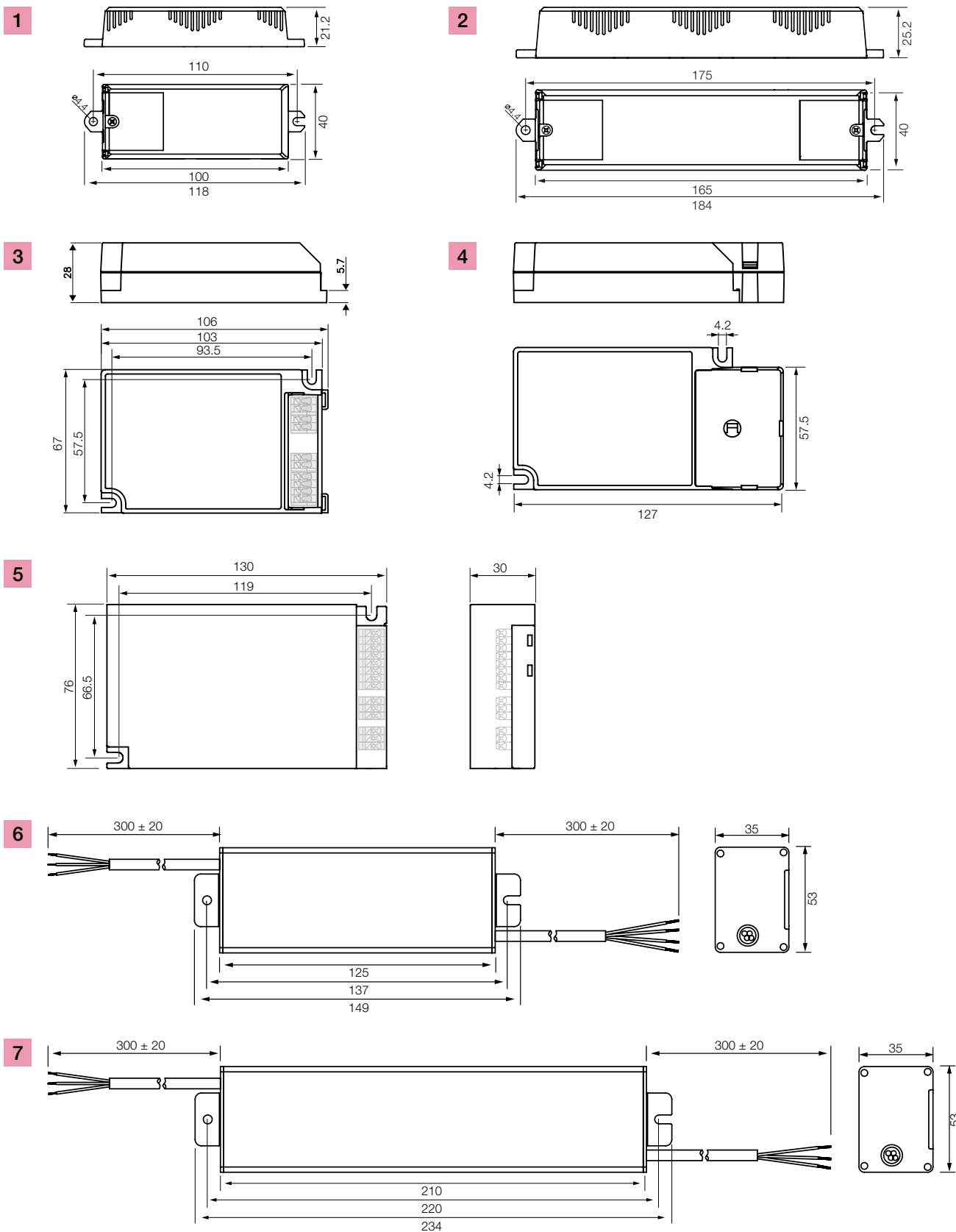
General and safety requirements	EN 61347-1
Particular safety requirements for d.c. or a.c. supplied electronic controlgear for LED modules, acc. to	EN 61347-2-13
Thermal protection class	EN61347, C5e
Mains current harmonics, acc. to	EN 61000-3-2
Limits for Voltage Fluctuations and Flicker, acc. to	EN 61000-3-3
Radio Frequency Interference, acc. to	EN 55015
Immunity standard, acc. to	EN 61547
Performance requirements, acc. to	EN 62384

Compliant with relevant EU directives
ENEC, CE & SELV marked

Note: See page 79 for dimensions, (no. 6)



Dimensions



1	LL6-U-CC	6	OL1x60-E-CC
2	LL20-U-CC	7	OL1x100-E-CC1, OL1x100-E-CC2
3	LC1x30-E-CC, LC1x30-E-DA, LC1x30-E-AN		
4	LC1x30-E-CC, LC1x30-E-DA, LC1x30-E-AN (+ LC1x30-SR)		
5	LC50-U-DX3		