

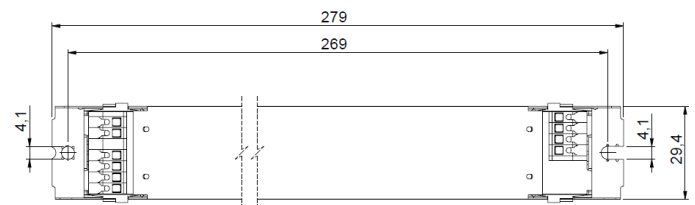
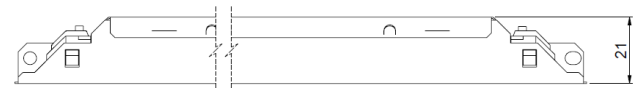
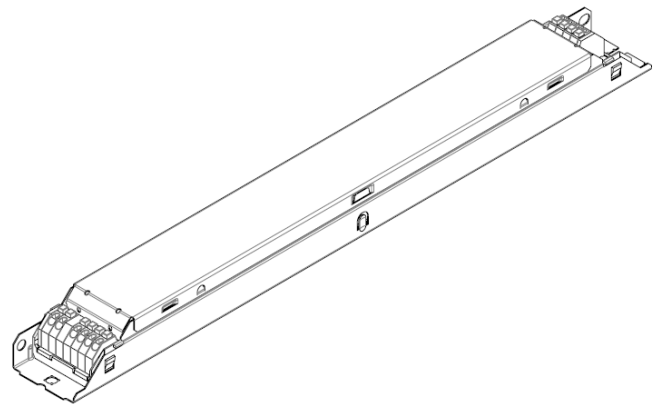
OT FIT 50/220-240/1A0 CS L

Constant current LED driver

800 mA – 925 mA – 1050 mA

Main data:

Item	Data	Unit	Remarks / note
Output voltage range	27 – 54	V	SELV-equivalent
Output current 1 (no bridges 5-6-7 open)	1050	mA	Power range: 29.7 – 55.0 W
Output current 2 (bridge 5-6)	925	mA	Power range: 25.5 – 49.4 W
Output current 3 (bridge 5-7)	800	mA	Power range: 22.4 – 42.6 W
Dimming	No		
Nominal supply voltage	220 – 240	V	DC cont. or pulsed, 50 Hz, 60 Hz; PE required
Nominal input current	0.28	A	
Max unit per circuit breaker	B16: 28; B10: 17		I max = 53 A Th = 230 µs
Operating temp. range t _a	-25 – +50	°C	
Max. allowed case temperature t _c	75	°C	t _c point marked on the unit

**Installing and operating information:**

Read datasheet before using the unit. Connect only LED load type.
Use the unit only within the allowed operating parameters.
Fix the unit using the proper mounting holes to a flat surface.
Do not open or try to repair the unit, risk of electric shock or fire.
Output short circuit current is about 1 A. No load operation: if load is disconnected with mains active, the output voltage is lower than 3V, this enable a safe connection of the LED load, but mains switchover is necessary to restart the unit.

Wire type and preparation:

Solid 0.5 – 1.5 mm² peeling length: 8.5 – 9.5 mm
Flex. 0.5 – 1.0 mm²

Push connectors button for easy wire insertion or to release.

Wiring information:

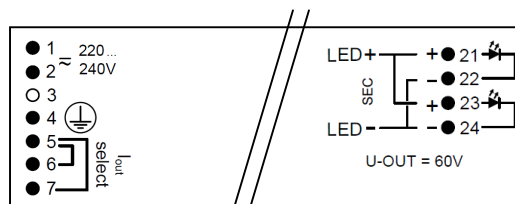
Use only proper wire type.
PE connection is allowed both to terminal 4 or through the housing mounting holes (be sure the screw properly scratches the painting). The light fixture maker is the final responsible for the proper PE connection.
Both LED – and LED + terminals are respectively internally connected. Do not connect together the outputs or CS terminals of two or more units.
To select the output current use the white connectors 5-6-7 and connect the terminals with a wire as follows:

- I_{out} = 1050 mA: 5 open, 6 open, 7 open – original factory setting
- I_{out} = 925 mA: 5 & 6 shorted, 7 open
- I_{out} = 800 mA: 5 & 7 shorted, 6 open

Unit is permanently damaged if mains is applied to the terminals 5, 6, 7 or to the output.
Switch on mains after LED load and possible current selection wire are permanently connected to the unit.

Input:

Gray 1 – Mains
Gray 2 – Mains
Gray 3 – n/a
Gray 4 – PE
White 5 – CS common
White 6 – CS 925 mA
White 7 – CS 800 mA



CS wire length: 30 cm max

Output:

Red 21 – LED +
Black 22 – LED –
Red 23 – LED +
Black 24 – LED –

21 & 23 internally connected
22 & 24 internally connected

Load wires length: 2 m max

Manufacturer's address:
OSRAM GmbH
Steinerne Furt 62
D-86167 Augsburg Germany
www.osram.com

Technical support:
www.osram.de
www.osram.com
Kunden Service Center Germany
+49 (0)89-6213-60 00

Standards:
EN 61347-1
EN 61347-2-13
EN 55015

EN 61547
EN 61000-3-2
EN 62384

