

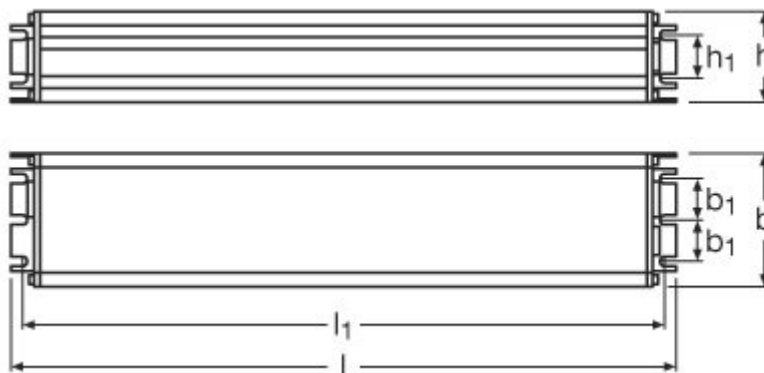
Technical data

Reference:	OT 80/220-240/24 P
For LED modules:	24V LED Modules with respect to the output parameters
Line voltage, nominal:	220 – 240 V _{AC}
Line current, nominal:	0,4 A@230 V
Line frequency:	50/60 Hz
Protection Class:	II
Output voltage:	24V DC
(Remark)	Tolerance: - 0,5V / + 1,0V
Maximum load	80 W
Power factor:	> 0,95 full load @ 230V > 0,90 half load @ 230V
Power losses:	12 W max.
ECG efficiency:	87 % @ 230V
(Remark)	full load at 230 V
Power loss in no load condition:	< 1,5 W
Input Voltage:	198 - 264 V _{AC}
(Remark)	Permitted Voltage Range
DC voltage operation:	No
Inrush current:	≤ 35 A
(Remark)	t_{width} @ 360μs
Max. no. of ECG @ circuit breakers 10 A (B type):	7
Max. no. of ECG @ circuit breakers 16 A (B type):	10
Ambient temperature range, t_a :	-25 °C to +55 °C
Max. case temperature at t_c point:	80 °C
ECG Life time:	50.000h
(Remark)	at $t_{case} = 70$ °C at t_c point and 10% failure rate
Maximum casing temperature in case of fault:	100 °C
Dimmable:	No
No-load proof:	Yes
Short circuit protection:	Automatic, reversible
Overload protection:	Automatic, reversible
Overheating protection:	Automatic, reversible

Wire cross section input/output line: (Remark)	Input: 1,0 mm ² / Output: 1,5 mm ² Input: 18 AWG / Output: 18 AWG Flexible
Cable length: Input side / Output side:	~ 300 mm / ~ 300 mm
Input colour coding:	L: brown N: blue
Output colour coding:	LEDModule (+): red LEDModule (-): black
Wire stripping:	10 mm
Max. output cable length:	10 m
Geometry (l x b x h mm ³)	250 x 50 x 34 mm ³
Side mounting hole spacing/length:	241 mm
Side mounting hole spacing/width	12 mm
Bottom mounting hole spacing/length:	241 mm
Bottom mounting hole spacing/width: (Remark)	14 mm From each side
Weight:	900 g
Casing:	Metal, aluminium
IP Code:	IP67
Suitable for fixtures with protection class:	II
ECG outdoor protection against humidity:	PCB fully encapsulated + dust proof metal housing
Safety:	IEC 61347-1, IEC 61347-2-13
Performance:	IEC 62384
Radio interference:	CISPR 15
Harmonic content:	IEC 61000-3-2
Voltage fluctuations:	IEC 61000-3-3
Immunity:	IEC 61547
Vibration tested:	Yes
Surge:	L-N: 3kV
Galvanic insulation between primary and secondary side: (Remark)	3,75 kV _{rms} SELV - equivalent

Approvals:



Geometry

$l = 250 \text{ mm}$, $l_1 = 241 \text{ mm}$, $b = 50 \text{ mm}$, $b_1 = 14 \text{ mm}$, $h = 34 \text{ mm}$, $h_1 = 12 \text{ mm}$

Ordering information

	EAN 10	EAN 40
OT 80/220-240/24 P	4008321981684	4008321981745

Installation notes

1. The luminaire manufacturer is responsible for providing the required clearances and creepage distances and also for the protection against electrical shock, especially for the line and load wires.
2. Ballast losses and LED Module heat radiation can lead to heat accumulation in a complete closed case. Therefore it is necessary to ensure, that the temperature at the measuring point t_c does not exceed the maximum value.

Instruction sheet

Please consult the instruction sheet for further important information on e.g. wire stripping and wiring limitations in system installations. The instruction sheet is enclosed with the device or available upon request.