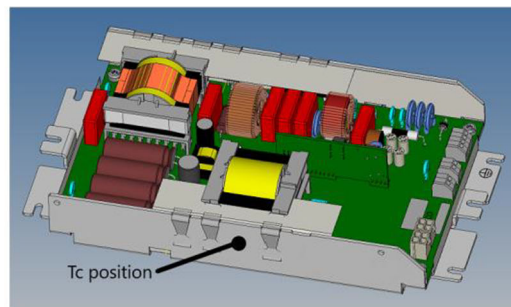
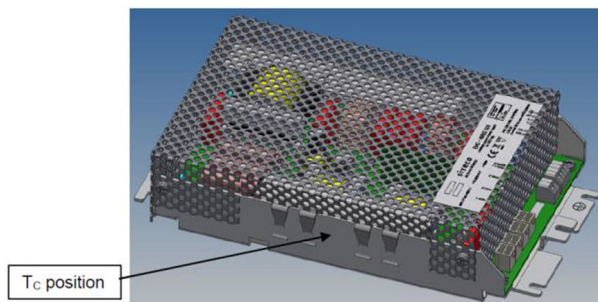


EVG,maxi,2000mA,DALI,Gen3.1

Programmable 470W Constant Current LED Power Supply with DALI interface



Material No. (Version without cover in brackets)

256151001 (256151002)

Connectors

Input (Mains, LST, DALI) / cable cross section

Wago 250 / 0.2 – 1.5mm²

Output (LED module)

Würth MPC4

Electrical Data

Nominal input voltage AC	220-240Vac
Input voltage range AC	198-264Vac
Input voltage range DC	179-276Vdc
Mains frequency	0/50/60Hz
Power factor @ full load	>0.97
Typical efficiency @ full load	95%
Output voltage range	190-312V ¹⁾
Output current range	10-2000mA
Tolerance of output current	+/-20mA
EOFi	0.25
Maximum output voltage without load	<400V
Maximum inrush current @ 230V	4A / 5ms
Number of output channels	1
Maximum output power @ T _{Cmax}	470W
THD (@ full load)	<20%
Supply Line isolation	no
Standby power consumption	<0.4W
PE current	<0.5mA
Mains surge capability (L/LST-N)	10kV
Mains surge capability (LN/LSTN-P)	10kV
Maximum Number of ECGs @ circuit breaker B16	8 ²⁾

Interfaces

LED Temperature sensor (NTC)	Yes
LST (Reduction wire)	Yes
Siteco I-LED (pat. Digital communication interface)	Yes
DALI (Digital Adressable Lighting Interface)	Yes

Temperature

Storage temperature range	-40...+85°C
Ambient temperature range	-35...+50°C
Max. temperature at T _C -Point T _{Cmax}	75°C

Standards

Safety	EN61347-1 / EN61347-2-13
Radio Frequency Interference, acc. to	EN55015
Immunity standard, acc. to	EN61547
Harmonic current emissions	EN61000-3-2
Limits for Voltage Fluctuations and Flicker, acc to	EN61000-3-3
Approvals	CE, EL, ENEC

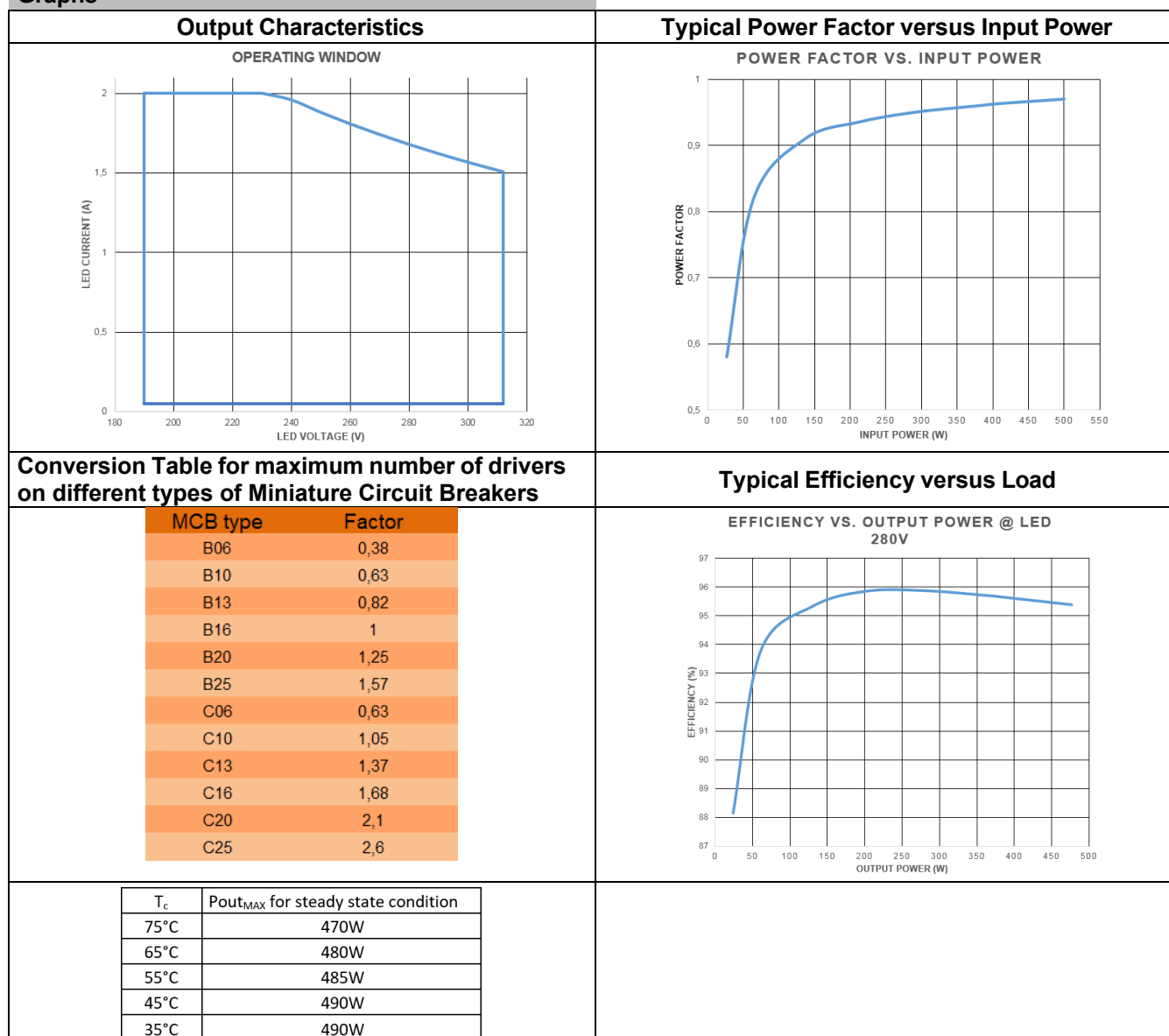
Features

Dimming method	Analog + PWM
Overheat protection ECG	Yes
Overheat protection LED-module	Yes
Overvoltage proof (320Vac for 24h)	Yes
Overvoltage proof (350Vac for 2h)	Yes
No-load proof	Yes
Compatibility with SLC Luminaire Controller	Yes
SELV Output	No
Conformal coating of PCB	Yes
Output current calibration ex factory	Yes

Mechanical data

Dimensions (w x h x l in mm)	150x56(46)x256
Weight	1050g (880g)
IP Code	IP20 (IP00)

Graphs



Remarks:

- 1) No shutdown in case of output overvoltage
- 2) Calculated value, based on inrush current
Depends on particular input power of the luminaire