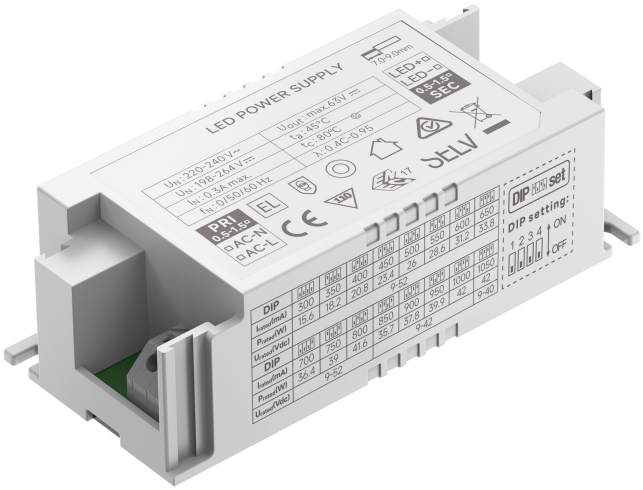
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PRODUCT DATASHEET

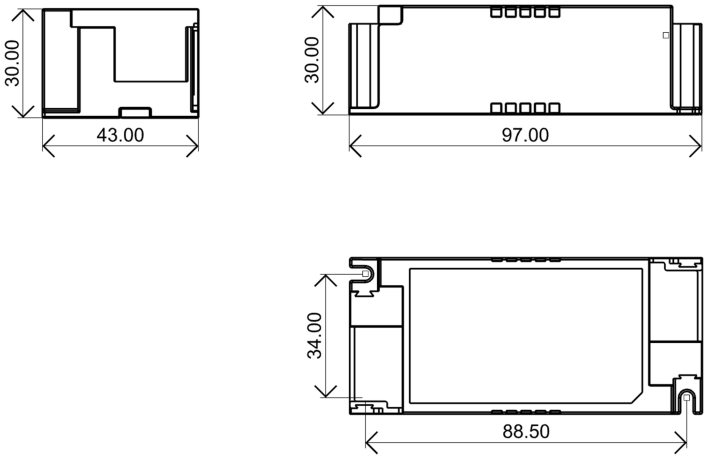
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9020187 | Constant-current LED driver 42 W

PRODUCT PHOTOGRAPH



TECHNICAL DRAWING



Dimensions in mm

GENERAL INFORMATION

Product Code	**9020187**
Product Category	**LED Drivers**
Product Family	**Constant Current Drivers**

DIMENSIONS

L x W x H	**97 x 43 x 30 mm**

APPLICATION & MOUNTING

Ambient / case temperature	**-25 °C to +45 °C**
Ingress protection	**IP20**
Insulation class	**II / SELV**
Installation	**Independent**

CONTROL

Dimmable	**No**
Dimming / control	**On/Off**
Output current setting	**DIP switch**

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ELECTRICAL DATA

Power (nominal series)	**42 W**
Maximum output power	**42 W**
Input voltage (nominal)	**220-240 VAC**
Input voltage (operating)	**(VAC) 198-264 VAC**
Maximum input current	**0.3 A**
Mains frequency	**50/60 Hz**
Output current	**300-1050 mA**
Output voltage envelope	**9-52 VDC (see output limits)**
Output current type	**DC**
Power factor	**0.95**
Efficiency	**88 %**

OUTPUT LIMITS

300-800 mA	**9-52 VDC**
850-1000 mA	**9-42 VDC**
1050 mA	**9-40 VDC**

PROTECTION & PERFORMANCE

Protection functions	**Short circuit/Overload/Overvoltage/Overtemperature**
SVM	**≤0.01**
PstLM / Pst	**≤0.02**

CERTIFICATES

Certificates	**CE, ENEC**

LIFESPAN

Lifetime	**>50000 h @ Tc 80 °C**

OPERATING NOTES

Output voltage and power depend on the selected current and LED load. Stay within both the voltage window and the maximum output power.

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