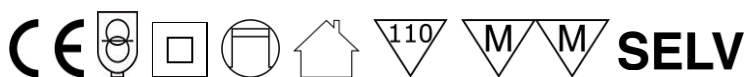


LS-75V24

LED power supply for 24 Vdc constant voltage

3.13 A (75W) max., IP20, independent installation, non-dimmable

Flicker free according to IEEE 1789



Exploded view



Electrical data

Input voltage (nominal)	220...240 Vac	
Input voltage (range)	176...264 Vac	
Mains frequency	50/60 Hz	
Power factor (λ)	> 0.9	220...240 Vac
Input current	0.58 A max.	Full Load, 176 Vac
No-load loss	≤ 0.5 W	
Inrush current	50 A max.	
Leakage current	< 0.7 mA	240 Vac
Output voltage	24 Vdc	
Output current	0...3.13 A	
Output power (nominal)	75 W max.	
Efficiency	≥ 87 %	
Life time	> 30,000 h	45 °C
Dimmable	No	

Operating condition

Operating temperature range (ta)	-20...+45 °C
Max. Surface temperature (tc)	85 °C
Permitted rel. humidity	20...90 %
Protection class	II
Type of protection	IP20

Protection

Short circuit protection	Yes *	
Overload protection	Yes *	105...150 %
Overvoltage protection	Yes *	> 25,2 Vdc
Overheating protection	Yes *	

(*) The output shuts off and will be resumed, after problem is removed and led driver is restarted.

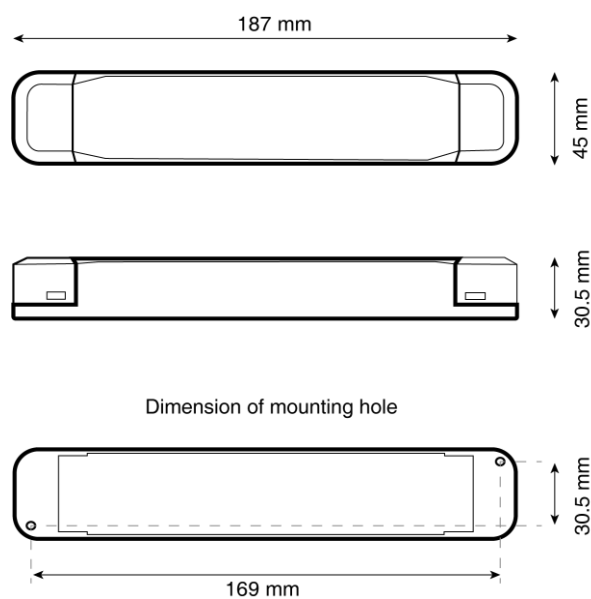
Standards & Certificates

Standards (LVD)	EN 61347-1, EN 61347-2-13 EN 62493
Standards (EMC)	EN 61000-3-2, EN 61000-3-3 EN 61000-4-2, EN 61000-4-5 EN 55015, EN 61547
Approval marks	CE
RoHS compliant	Yes

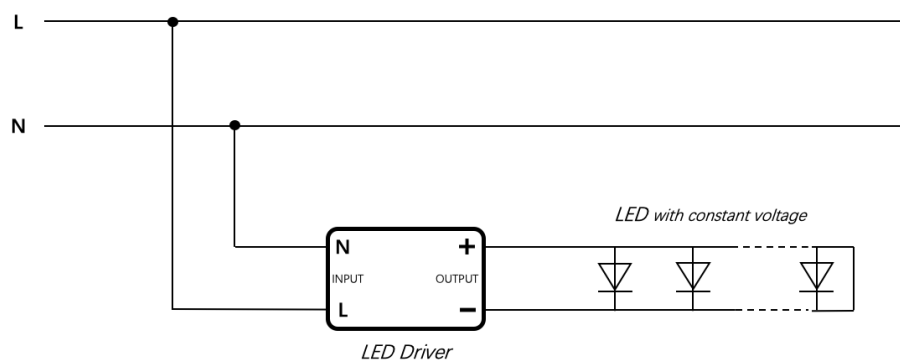
Installation

Type of installation	Independent installation	
Type of connection	Spring-loaded terminal	two parallel outputs
Cable cross-section, input side	0.5...1.5 mm²	
Cable cross-section, output side	0.5...1.5 mm²	
Cable preparation length, input side	7.0...9.0 mm	
Cable preparation length, output side	7.0...9.0 mm	

Dimension



Connection



Sicherheitshinweis



Bei direktem oder indirektem Kontakt mit spannungsführenden Teilen kommt es zu einer gefährlichen Körperdurchströmung. Elektrischer Schock, Verbrennungen oder der Tod können die Folge sein. Bei unsachgemäß ausgeführten Arbeiten an spannungsführenden Teilen besteht Brandgefahr.

- Vor Montage und Demontage Netzspannung freischalten!
- Arbeiten am 230 V-Netz nur von Fachpersonal ausführen lassen.