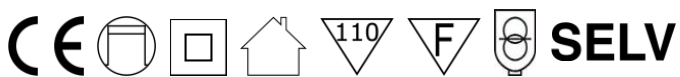


ELP10X3LSD

LED power supply for 700 mA constant current
21...35 Vdc, 15...24.5 W, IP20, independent installation
TRIAC (trailing edge) dimmable



Electrical data

input voltage (nominal)	220...240 Vac
input voltage (range)	176...264 Vac
Mains frequency	50/60 Hz
Power factor (λ)	> 0.9
Input current	0.2 A
No-load loss	< 1 W
Inrush current	8 A
Leakage current	< 0.5 mA
Output voltage	21...35 Vdc
Output current	700 mA
Output power (nominal)	15...24.5 W
Efficiency	≥ 80 %
Life time	> 50000 h 25 °C
Dimmable	Yes
Dimming mode	Triac (trailing edge)
Dimming range	10...100 %

Operating condition

Operating temperature range (t_a)	+5...+50 °C
Max. Surface temperature (t_c)	80 °C
Permitted rel. humidity during operation	10...90 %
Protection class	II
Type of protection	IP20

Protection

Short circuit protection	Yes *
Overload protection	Yes *
Overvoltage protection	No
Overheating protection	Yes *

(*) The output shut 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 60598-1, EN 60598-2-6
Standards (EMC)	EN 61000-3-2, EN 61000-3-3 EN 55015, EN 61547
Approval marks	CE
RoHS compliant	Yes

Dimension & Installation

Type of connection	Screw terminal
Cable cross-section, input side	0.75...1.5 mm ²
Cable cross-section, output side	0.75...1.5 mm ²
Cable preparation length, input side	6...8 mm
Cable preparation length, output side	6...8 mm

