

## ELP9X3CS

**Elektronic LED Power Supply**  
**Drive 4...9 x 3W/700mA LED**  
**IP65**

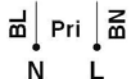


### I. Technical Data

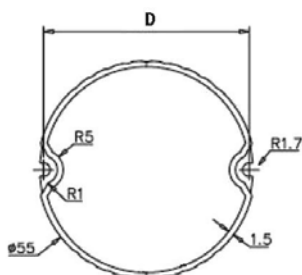
Allgemein	
Input voltage:	100...240V AC
Input current:	0,16A
Frequency:	50/60Hz
Output current:	DC 700mA constant
Output voltage:	3V...12VDC
Load:	4...9 x 3W/700mA LED
Power factor:	≥ 0,5
Efficiency:	≥70% (@ full load)
Reliability (MTBF):	≥50000 hours (@ 25°C and full load)
Ambient temperature:	-20°C - 50°C
Surface temperature:	max. 80°C
Dimmable:	No
Sicherheit und Schutz	
Protection class:	IP65 (casting resin for Innere Schaltung and back side)
Over temperature protection:	integrated, automatic resettable after temperature descending
Short circuit protection:	integrated, automatic resettable after temperature descending
Isolation voltage:	4200V AC / 5mA / 1min
Normen und Approval	
Safety Norm:	EN61347-2-13:2006, EN61347-1:2001, EN60598-1:2004+A1:2006
LVD Norm:	Low voltage Directive 2006/95/EC
EMC Norm:	EN55015:2006, EN61547:1995+A1:2000 EN61000-3-2:2006, EN61000-3-3:1995+A1:2001+A2:2005
Approval:	INTERTEK SEMKO
CE Marking:	Yes
RoHS compatible:	Yes

## II. Construction

Drawing for input



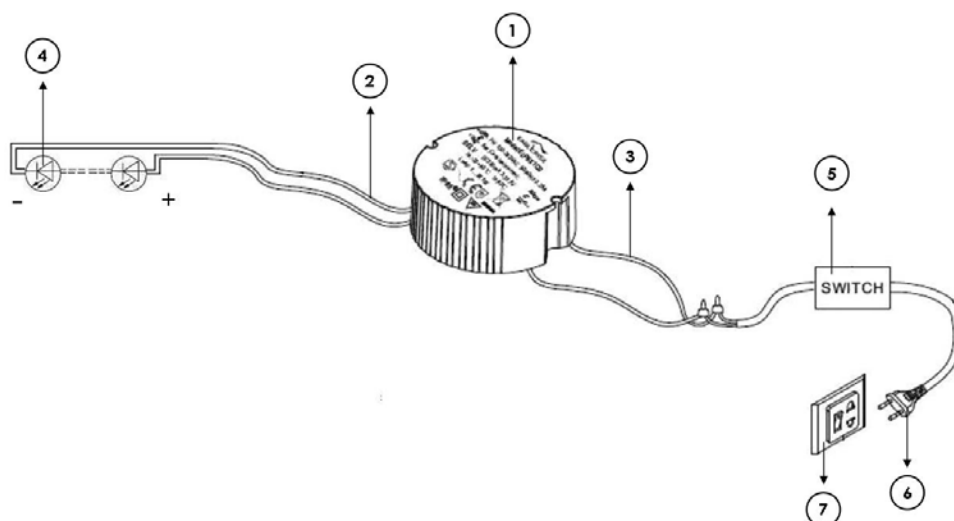
Drawing for output



Unit: mm

Dimension	
Diameter:	D=72,1mm
Height:	H=25,1mm
Fixture:	Fixing with 2 x M3 screws
Input drawing	
Input cable:	Blue(BL): Null line (N) Brown(BN): Live line (L) Cable length: 180mm
Output drawing	
Output cable:	Red(RD): Positive output (+) Black(BK): Negative output (-) Cable length 130mm (max. 2m)

## III. Installation



Please refer to the statement for cable colour in the input and output drawing of housing. The output cable can be allowed max. 2,5m to extend.



**DANGER!** Don't work with connecting electric power! The components in this device may have deadly voltage und high stored energy! All installation works must be performed with specialized personnel!

Components	
1*	LED driver / device body
2	Input cable
3	Output cable (max. 2m)
4*	4...9 x 3W/700mA LED
5*	Switch (optional)
6*	Inout plug
7*	Electric power source (220...240V AC)

\* not inclusive in the product packing

