

Item	Value	Remark
Nominal voltage	220–240V	
Nominal frequency	50–60Hz	
AC voltage range	198–264V	
DC voltage range (start)	NA	
DC voltage range (operation)	NA	
Nominal current	45mA	Full load @230VAC
Total Harmonic Distortion (THD)	< 25%	Full load @230VAC
Power factor	0.85C–0.95	Full load @230VAC
Input Displacement factor	0.85C–0.95	Full load @230VAC
Efficiency	72% (Typ.)	Full load @230VAC
Input Inrush current	15 A / 30 us	
Nominal voltage range	6–10Vdc	
Maximum voltage	18Vdc	
Output Nominal current range	700mA	
Current accuracy	± 5%	Full load @230VAC
Typical output LF current ripple	± 3%	Low Frequency < 120Hz Full load @230VAC
SVM	≤ 0.4	Full load @230VAC
PstLM	≤ 1	Full load @230VAC
Starting time	< 0.5 S	Full load @230VAC
Output Nominal power range	4.2-7.0W	
Maximum power	7W	
Ambient temperature range t_a	-20°C - +50°C	
Maximum case temperature t_c	90°C	
Max. case temp. in fault condition	110°C	When operating under fault conditions, the temperature of the enclosure at any location should not exceed 110 °C
Storage temperature range	-40°C - +90°C	
Relative humidity	10% - 90%	
Surge transient protection	1 kV	L/N
Environmental rating	Indoor	
IP rating	IP20	
Mains switching cycles	> 100,000	
Expected lifetime		
Full Load	> 50,000 h, t_c 90 °C @ t_a 50 °C	0.2% / 1,000 h failure rate
Output load ≤ 5W	> 47,000 h, t_c 90 °C @ t_a 60 °C	0.2% / 1,000 h failure rate
Protections		
Short-circuit Protection	Auto recovery	
Open-circuit Protection	Auto recovery	
Overload Protection	Auto recovery	

Conformity & Standards

Safety standard:	EN 61347-1, EN 61347-2-13, EN 62493
Performance:	EN 62384
EMC standard:	EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547

Cable information

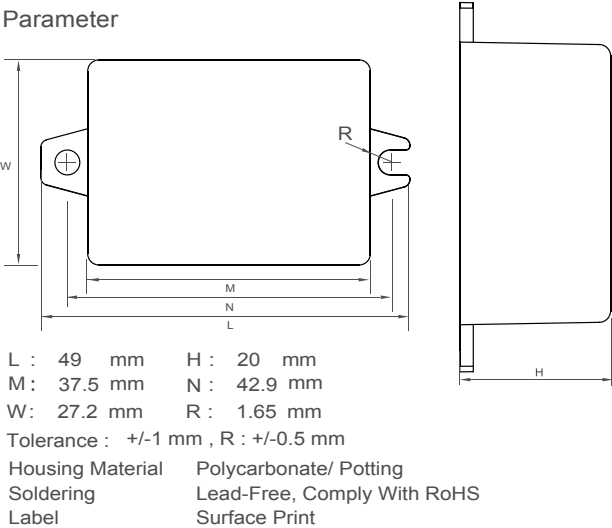
PRI Connection	L	N
Color	Brown	Blue
Wire type	7022	7022
Wire diameter	AWG18	AWG18
Wire length	144mm	145mm
Stripping	6mm	6mm
Tolerance	±5mm	±5mm

Sec Connection	+	-
Color	Red	Black
Wire type	1332	1332
Wire diameter	AWG22	AWG22
Wire length	145mm	145mm
Strip length	6mm	6mm
Tolerance	±5mm	±5mm

*If not mentioned, all the test conditions are based on full load at 230VAC input (for 220-240 VAC input).

Physical

Parameter



Wiring Diagram

