

DC power supply unregulated type GSLC2

Technical data



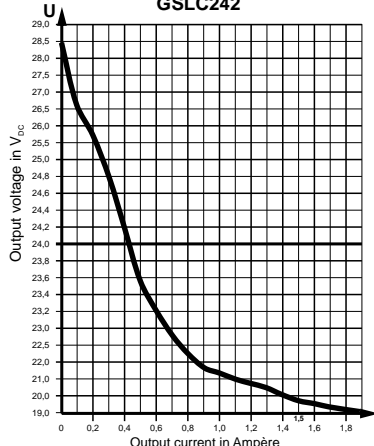
CE - compliant

- Output separated according to VDE0551
- Extra low safety potential PELV (EN 60204), SELV (EN 60950)
- DC-power smoothed - Ripple less 3%
- Parallel connection possible
- No reverse voltage protection at the output
- Suitable for the tropics - Epoxy resin casted
- Operating status shown by LED
- Safety acc. to VDE, EN, UL and CSA

Input data	
Input voltage AC	115 V _{AC} / 230 V _{AC} (45-66 Hz)
Input voltage tolerance	-15% to +15%
Input current at nominal load	at 115 V _{AC} max. 0,4 A / at 230 V _{AC} max. 0,2 A
Input current peak	-
Protective circuit	-
Hold-up time	20 ms typical
Output data	
Output voltage U _{nominal}	see table as below
Output current I _{nominal}	see table as below
Current limiting	-
Residual ripple (100Hz)	< 3%
Control data	
Control deviation load	-
Control deviation supply	-
Control time	-
Operating data	
Duty circle	100%
Operating temperature range	-30°C to +80°C
Derating	from 40°C
Storage temperature range	-30°C to +105°C
Cooling	selfcooling recommended respective distance 15 mm each
Safety devices	
Input fuse	at 115V _{AC} 0,50 A delayed / at 230V _{AC} 0,25 A delayed
Output fuse	integrated into devicef
Overload protection	-
MTBF	>400.000 h
Safety data	
Test voltage transformer	5 kV _{AC} according to VDE 0551
High voltage resistance	primary- / secondary circuit 3,75 kV _{AC} acc. to VDE
Degree of EMI suppression	< K acc. to VDE 0875 and VDE 0877
Protection class	class 2 acc. to VDE0140-1 (EN 61140)
Extra low safety potential	PELV (EN60204), SELV (EN 60950)
Ambient humidity	100% relative humidity, yearly average dewing allowed for use in tropical atmosphere
Protection class enclosure	IP 68
Protection class terminals	-
Vibration proof	>30g at 33Hz in X,Y and Z, acc. to IEC 60068-2-27
Applied design specifications	
according to VDE	VDE 0100,0110,0113,0140-1,0551,0160/W2,0806
IEC	IEC 60950,IEC61000-6-1-2-3-4,IEC60068-2-3, IEC 60068-2-11-52,IEC 60529,IEC 380
EN	EN60950,EN61140,EN61000-6-1,EN61000-6-2, EN61000-6-3,EN61000-6-4,EN55022, EN55011, EN61558-2-17,EN50178,EN50204, EN60204, EN60529,EN61000-4-2-3-4-5-6-8-11, EN60068-1, CSA-C 22.2 / UL60950, UL508, UL1950
CSA / UL	
Mechanical data	
Mounting	Wall mounting with screws
Dimensions W x H x D	212mm x 95mm x 82mm
Wheight	approx. 1,42 kg

Type	GSLC122	GSLC242
Order number	583712	583724
Nominal output voltage	12 V _{DC}	24 V _{DC}
Range of adjustment	-	-
Nominal output current	3,0 A	1,5 A
Power	36 Watt	36 Watt
Efficiency	86%	86%
Dimensions (W x H x D)	212x95x82	212x95x82
Weight	approx. 1,42 kg	approx. 1,42 kg

**U - I Diagram with 230V Input voltage
GSLC242**



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