The Power supply

for safe DC-circuits

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info

GSW 20A

20W DC/DC-Converter with potential isolation

Performance data:

- Wide input voltage range up to 250V DC
- Output voltage 12 / 24 / 48 / 60 / 110V DC
- Other voltages on demand
- Full load capacity up to 60°C ambient temperature
- Electronic overcurrent protection with additional melting fuses
- Overvoltage protection and operation indication
- Potential isolation 2,5kV
- Effectivity approx. 80%
- with pulse current limiting
- can be snapped onto DIN-rail

Technical data:

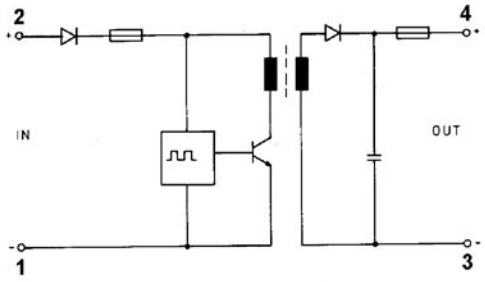
Type	Input voltage range	Output voltage	Output current
GSW 20A 220/24	180 ... 250V DC	24V DC +/- 2%	0,75A
GSW 20A 220/48	180 ... 250V DC	48V DC +/- 2%	0,4A
GSW 20A 220/60	180 ... 250V DC	60V DC +/- 2%	0,3A
GSW 20A 220/110	180 ... 250V DC	110V DC +/- 2%	0,1A
GSW 20A 110/12	75 ... 140V DC	12V DC +/- 2%	1A
GSW 20A 110/24	75 ... 140V DC	24V DC +/- 2%	0,75A
GSW 20A 110/60	75 ... 140V DC	60V DC +/- 2%	0,3A
GSW 20A 110/110	75 ... 140V DC	110V DC +/- 2%	0,1A
GSW 20A 60/12	40 ... 75V DC	12V DC +/- 2%	1A
GSW 20A 60/24	40 ... 75V DC	24V DC +/- 2%	0,75A
GSW 20A 60/60	54 ... 72V DC	60V DC +/- 2%	0,3A
GSW 20A 24/12	18 ... 32V DC	12V DC +/- 2%	1A
GSW 20A 24/24	18 ... 32V DC	24V DC +/- 2%	0,75A

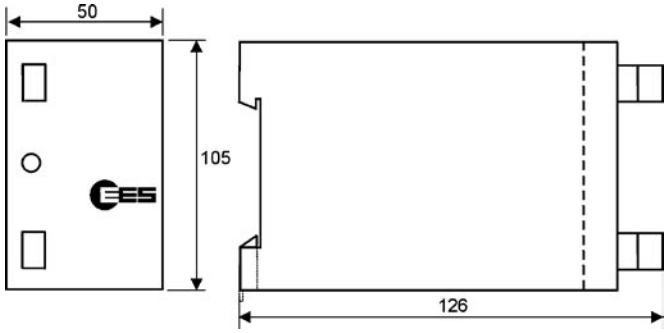
Other voltages and time limited overload capacity on demand. Operation in parallel only with decoupling diode permitted !

General data:

Switching frequency	approx. 50kHz
Electronically current limiting	approx. 1,2 * I_N
Over voltage limiting	approx. 1,2 * U_N
Residual ripple	approx. 100mV_{PP}
Potential separation	2,5kV_{eff} 1min
Relative humidity	max. 75% mean of year (group F DIN 40040)

Mounting	vertical
Weight	ca. 0,3kg
Operating ambient temperature	-20°C ... + 60°C without condensation
Storage temperature	-20°C ... + 70°C without condensation
Protection	IP 40
Duty cycle	100%





Dimensions in mm

Subject to technical changes without prior notice

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