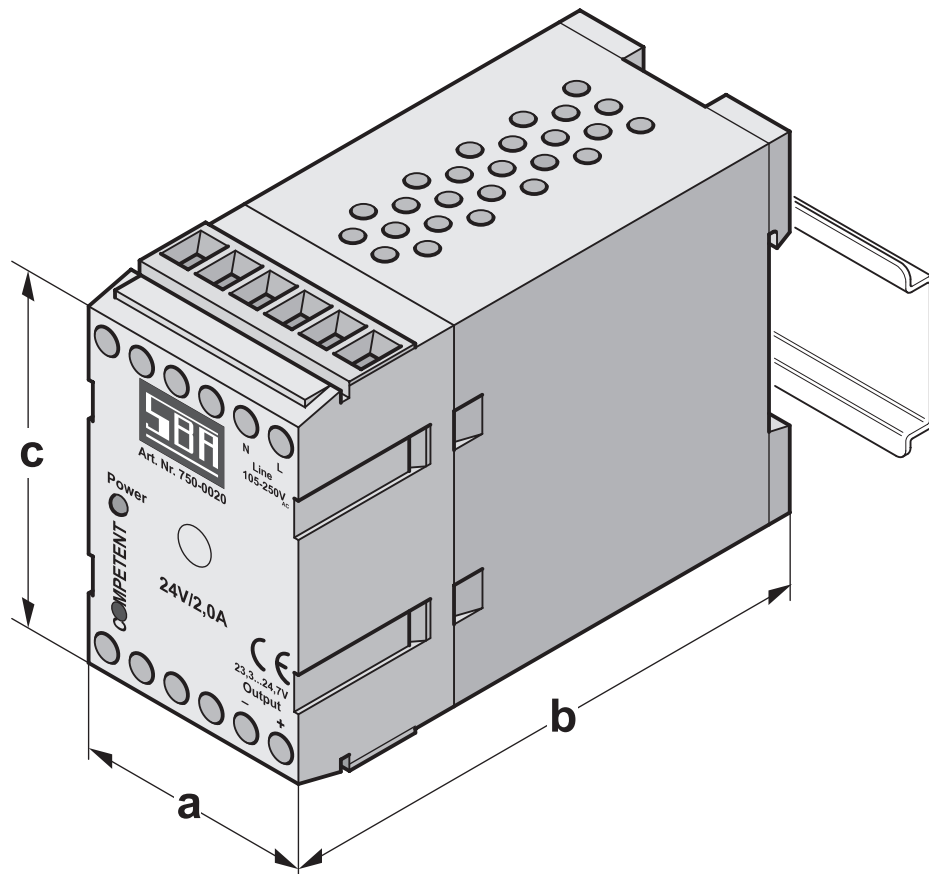


Type EGPT

Stabilized DC power supplies, primary switch mode (slim shape)

Application

Control circuits, switchgear equipment, PLCs, etc. are supplied safely by these DC power supplies even under adverse conditions. If two power supplies with the same rated current and output voltage are connected in parallel, a very good power (weight ratio) is obtained (small size, low weight).



DC POWER SUPPLIES SINGLE-PHASE



Construction

- ➔ For DIN rail TS 35 (DIN EN 50022)
- ➔ Permanently resistant to short circuit and permanently stable at no load
- ➔ High efficiency

- ➔ Safety: VDE 0805/EN 60950/IEC 950
- ➔ Interference emission: EN 61000-6 -3/-4, (class B)
- ➔ Interference immunity: EN 61000-6 -1/-2
- ➔ PFC norm: (harmonics) Output range for EN 61000-3-2 not relevant

Specifications	1,25 A	2 A
Article no.:	750-0012	750-0020*
Input voltage:	94 - 265 V _{AC} / 135 - 370 V _{DC} Wide range input	94 - 265 V _{AC} / 135 - 370 V _{DC} Wide range input
Frequency:	47 - 63 Hz	47 - 63 Hz
Rated input current:	0,35 A at 230 V _{AC}	0,6 A at 230 V _{AC}
Starting current inrush [I ² t]:	< 1.5 A ² s	< 1.5 A ² s
Output voltage SELV:	24 V _{DC} ± 3%	24 V _{DC} ± 3%
Output current:	0 - 1.25 A _{DC}	0 - 2 A _{DC}
Output power:	30 W (max.)	48 W (max.)
Ripple:	< 50 mV	< 50 mV
Current limitation typ.:	1.5 A (permanently short circuit resistant)	2.5 A (permanently short circuit resistant)
Protection class:	II	II
Protection index:	IP 20	IP 20
Efficiency typ.:	85%	89%
Mains buffering:	> 80 ms / 230 V _{AC} > 8 ms / 115 V _{AC}	> 70 ms / 230 V _{AC} > 10 ms / 120 V _{AC}
Temperature range:	0 to 70°C (free convection)	-10°C to +70°C (free convection)
Leakage current:	< 0.25 mA (at 47 - 63 Hz)	
Load control:	< 0.5% at 0 A to I _{Nenn}	
Mains regulation:	< 0.2% at U _{ein} ±15%	
Dynamic response:	< 2 ms at 10 - 90% I _{Nenn} /overshoot < 2%	
Overload resistant:	yes	
Stable at no load:	yes	
Output derating:	2,5% / K from +60°C	
Storage temperature:	- 25°C to + 85°C	
Mounting position:	wall-mounted, Input terminals up	

Overview

Type	Article no.	Line voltage V	Output voltage V (DC)	Rated current A (DC)	Total weight appr. kg	a	Dimensions b approx.mm	c
EGPT 2401,25	750-0012	230	24	1.25	0.2	45	105	72
EGPT 2402	750-0020	230	24	2.0	0.2	45	105	72

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