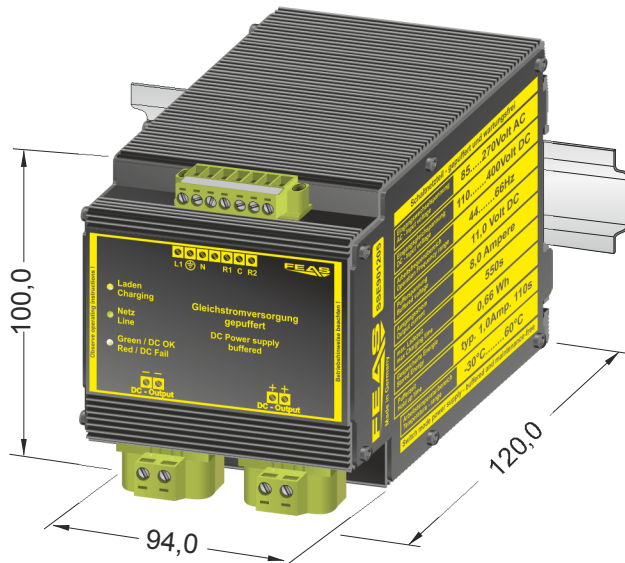


# Data sheet

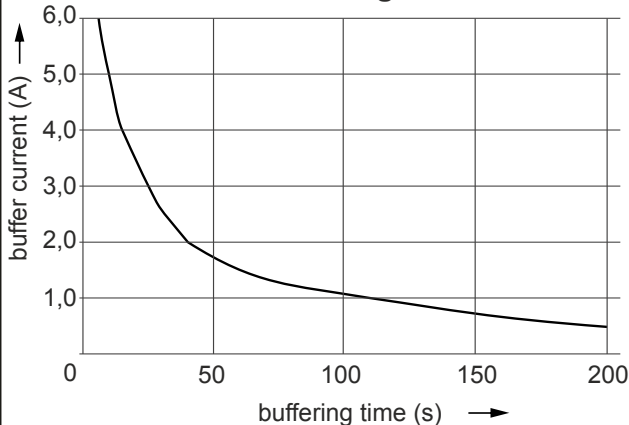
## Buffered switch mode power supply: SSE901205

### Technical data



CE - konform

buffering time



#### Products of the series:

Typ	SSE901205	SSE902405
Order number	621290	622490
Output voltage	12 V <sub>DC</sub>	24 V <sub>DC</sub>
Buffered voltage	11 V <sub>DC</sub>	22,7 V <sub>DC</sub>
Output current	8A	5A
Buffered time typ. 1 A	110 s	60 s

General data	
Type	SSE901205
FEAS Order number	621290
Product description	Buffered switch mode power supply
Product function	DC power supply
Input data	
AC input voltage	85 - 270V <sub>AC</sub> (44-66Hz)
DC input voltage	110 - 400V <sub>DC</sub>
Input current at nominal load	at 115V <sub>AC</sub> max. 1.0A / at 230V <sub>AC</sub> max. 0.5A
Input current peak	< 17 A at 270V <sub>AC</sub>
Protective circuit	Transient voltage suppressor Varistor
Output data (line)	
Output voltage U <sub>Nominal</sub>	12 V <sub>DC</sub>
Buffered voltage	11 V <sub>DC</sub>
Output current I <sub>Nominal</sub>	8.0A
Current limiting/	1.2 x I <sub>Nominal</sub>
Power	96 Watt
Residual ripple (20MHz Bandwidth)	<50mV <sub>rms</sub>
Control data	
Control deviation (Load)	<0,5% with load variation 10 ..... 90%
Control deviation (Supply)	<0,5% with load variation ±10%
Control time	<1s with load variation 10 ..... 90%
Operating data	
Duty circle	100%
Efficiency	approx. 89%
Ladezeit (Puffer)	approx. 550s
Buffering Time	typ. 1,0A - 110s
Parallel connection	Yes
Operating temperature range	-30°C to +60°C
Storage temperature range	-30°C to +70°C
Derating	from 50°C
Cooling	selfcooling recommended respective distance 15mm each
Installation altitude	unlimited
MTBF	> 380.000h
Safety devices	
Fuse for input	at 115V <sub>AC</sub> 2,5A delayed / at 230V <sub>AC</sub> 1,25A delayed
Fuse for output	not necessary - short circuit proof
Overload protection	integrated into device
Hold-up time	20 ms typ.
Safety data	
Test voltage transformer	5kV <sub>AC</sub> according to VDE0551
High voltage resistance	Input/Output 4,4kV <sub>AC</sub> according to VDE0806/IEC380
Degree of EMI suppresion	according to VDE0871B, EN55022/B
Protection class	Protection class I with PE-Connection (EN60950)
Extra low safety potential	PELV (EN60204), SELV (EN60950)
Ambient humidity	95% relative humidity, yearly average dewing allowed for use in tropical ambient
Protective class enclosure	IP65
Protective class terminals	IP20 (BGV A3)
Vibration proof	>30g at 33Hz in X, Y and Z acc. IEC68 and DIN41640
Status & Signal	
Status indicator	LED - Charging, LED - Line, LED - DC OK/Fail
Signals	relay 1 - line OK, relay 2 - temperature
Applied construction regulations	
according to VDE	VDE0100, VDE0110, VDE0113, VDE0551, VDE0160/W2, VDE0806
IEC	IEC60950-1, IEC61000-6-1-2-3-4, IEC60068-2-3, IEC60068-2-11-52, IEC60529, IEC380
EN	EN60950, EN61140, EN61000-6-1, EN61000-6-2, EN61000-6-3, EN61000-6-4, EN55022, EN55011, EN61000-3-2, EN61000-3-3, EN50204, EN60204, EN60529, EN61000-4-2-3-4-5-6-8-11, EN60068-1, EN6068-2-1-2-3-6-27-30, EN45501, EN50021, EN61558-2-17, EN50178
CSA/UL	CSA-C 22.2 / UI60950, UI508, UL1950
Mechanical data	
Mounting	on Rails according to DIN 46277
Dimensions (W x H x D)	94mm x 100mm x 120mm
Weight	approx. 2,20kg

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