



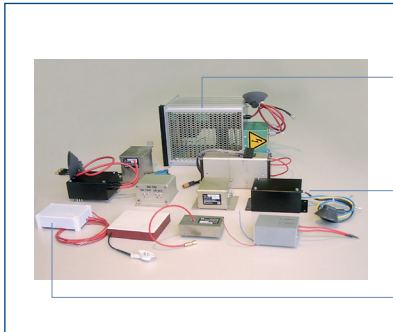
Not recommended for new design!

## DC / DC Power Supply 19 V DC Output

type numbers: 00768 | 00409  
19870 | ZN 9171683



type number  
00768



type number  
00409

type number  
0019870

ZN 9171683

### Areas of Application:

Our miniature HV-Power Supplies are applied in industry, in research projects and with small CRT-monitors for special applications. Modified versions are also used in avionic equipment. The high quality standard and proven technologies guarantee high reliability.

Ask for further technical information!  
Functional or interface modifications can be realized on request. Each configuration change causes a new type number.

### Technical Data:

#### type number 00768

Input voltage:	24 V DC
Output voltage 1:	14 kV DC $\pm 1\% \leq 400 \mu\text{A}$
Output voltage 2:	1.7 kV DC $< 5 \mu\text{A}$
Output voltage 3:	770 V DC $< 5 \mu\text{A}$
Output features:	temperature stability $\leq 100 \text{ ppm} / ^\circ\text{C}$ , overcurrent protection

#### type number 00409

Input voltage 1:	15 V DC to 20 V DC / 100 mA
Input voltage 2:	55 V DC to 65 V DC / 600 mA
Output voltage:	30 kV DC $\pm 0,4\% \leq 550 \mu\text{A}$ temperature stability $\leq 100 \text{ ppm} / ^\circ\text{C}$ overcurrent protection

#### type number 19870

Input voltage 1:	12 V DC
Input voltage 2:	28 V DC
Output voltage 1:	10 kV DC to 14 kV DC $\leq 400 \mu\text{A}$
Output voltage 2*:	390 V DC to 600 V DC $< 200 \mu\text{A}$
Output voltage 3*:	-55 V DC to -80 V DC $< 200 \mu\text{A}$

\*levels 2 / 3 are linked to level 1

#### ZN 9171683

Input voltage 1:	15 V DC $\pm 3\%$
Output voltage 1:	7.5 kV DC $\pm 1\% \leq 100 \mu\text{A}$
Output voltage 2:	1.25 kV DC $< 5 \mu\text{A}$
Output voltage 3:	200 V DC to 500 V DC $< 5 \mu\text{A}$
Output voltage:	temperature stability $\leq 100 \text{ ppm} / ^\circ\text{C}$ , Overload protection