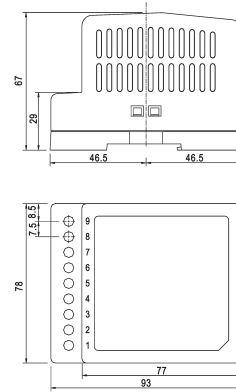
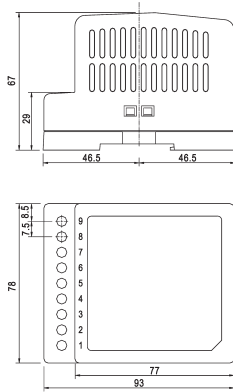
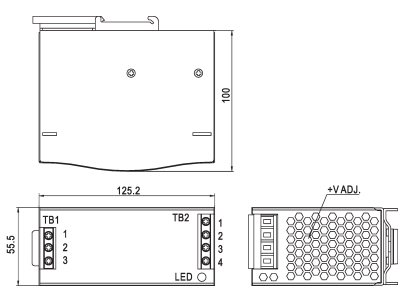
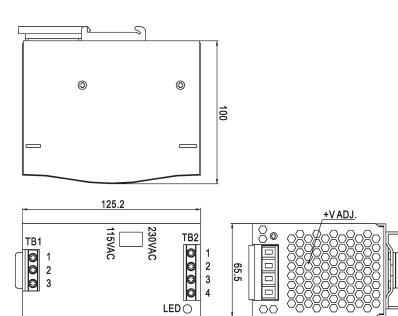


article-no.	NG780201	NG780307
output voltage	24V DC $\pm 1\%$	12V DC $\pm 1\%$
output current (I nom)	2A	3.5A
power consumption	48W	42W

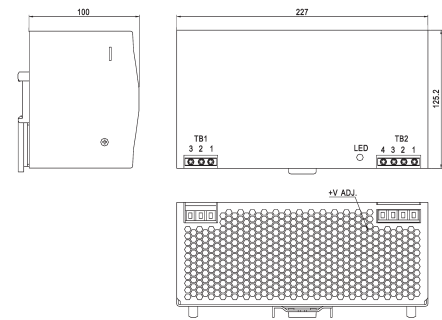
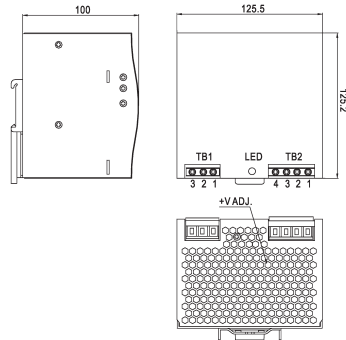


TECHNICAL DATA

output voltage	24V DC $\pm 1\%$	12V DC $\pm 1\%$
adjustment range	21.6 ... 26.4V DC	10.8 ... 13.2V DC
output current (I nom)	2A	3.5A
power consumption	48W	42W
input voltage	85 ... 264V AC / 120 ... 370V DC	85 ... 264V AC / 120 ... 370V DC
frequency	47 ... 63Hz	47 ... 63Hz
nominal input current (I nom)	0.96A/230V AC	0.75A/230V AC
display (operation)	1x green LED	1x green LED
overload protection	105 ... 150% of power consumption 115 ... 135% of output voltage temperature protection: switch-off at $> 135^{\circ}\text{C}$	105 ... 150% of power consumption 115 ... 135% of output voltage temperature protection: switch-off at $> 135^{\circ}\text{C}$
dimensions	78x93x67mm	78x93x67mm
housing material	plastic	plastic
weight	0.4kg	0.4kg
temperature (operation / storage)	$-10 \dots +50^{\circ}\text{C}$ / $-20 \dots +85^{\circ}\text{C}$	$-10 \dots +50^{\circ}\text{C}$ / $-20 \dots +85^{\circ}\text{C}$
temperature coefficient	$\pm 0.03\%$ / $^{\circ}\text{C}$ (0 ... $+50^{\circ}\text{C}$)	$\pm 0.03\%$ / $^{\circ}\text{C}$ (0 ... $+50^{\circ}\text{C}$)
air humidity (operation / storage)	20 ... 90% / 10 ... 95%	20 ... 90% / 10 ... 95%
vibration resistance	10 ... 50Hz, 2g	10 ... 50Hz, 2g
degree of protection (EN 60529)	IP 20	IP 20
standards (reference)	UL 508, EN60950-1	UL 508, EN60950-1
connection	terminals	terminals
mounting	35mm DIN-rail	35mm DIN-rail

article-no.	NG550301	NG650501
output voltage	24V DC $\pm 1\%$	24V DC $\pm 1\%$
output current (I nom)	3.2A	5A
power consumption	77W	120W
		 <p>change-over switch 115V AC / 230V AC</p>
TECHNICAL DATA		
output voltage	24V DC $\pm 1\%$	24V DC $\pm 1\%$
adjustment range	24 ... 28V DC	24 ... 28V DC
output current (I nom)	3.2A	5A
power consumption	77W	120W
input voltage	85 ... 264V AC / 120 ... 370V DC	88 ... 132V AC / 176 ... 264V AC 248 ... 370V DC
frequency	47 ... 63Hz	47 ... 63Hz
nominal input current (I nom)	0.96A/230V AC	1.6A/230V AC
display (operation)	green LED	green LED
overload protection	105 ... 150% of power consumption 29 ... 34V DC temperature protection: switch-off at $> +85^{\circ}\text{C}$	105 ... 150% of power consumption 29 ... 33V DC temperature protection: switch-off at $> +90^{\circ}\text{C}$
dimensions	55.5x125.2x100mm	65.5x125.2x100mm
housing material	aluminum	aluminum
weight	0.55kg	0.8kg
temperature (operation / storage)	-10 ... $+60^{\circ}\text{C}$ / -20 ... $+85^{\circ}\text{C}$	-10 ... $+60^{\circ}\text{C}$ / -20 ... $+85^{\circ}\text{C}$
temperature coefficient	$\pm 0.03\%$ / $^{\circ}\text{C}$ (0 ... $+50^{\circ}\text{C}$)	$\pm 0.03\%$ / $^{\circ}\text{C}$ (0 ... $+50^{\circ}\text{C}$)
air humidity (operation / storage)	20 ... 90% / 10 ... 95%	20 ... 90% / 10 ... 95%
vibration resistance	10 ... 500Hz, 2g	10 ... 500Hz, 2g
degree of protection (EN 60529)	IP 20	IP 20
standards (reference)	UL 508, EN60950-1	UL 508, EN60950-1
connection	terminals	terminals
mounting	35mm DIN-rail	35mm DIN-rail

article-no.	NGKB1001	NGLB2001
output voltage	24V DC ±1%	24V DC ±1%
output current (I nom)	10A	20A
power consumption	240W	480W

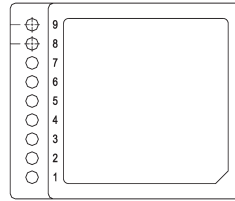


TECHNICAL DATA

output voltage	24V DC ±1%	24V DC ±1%
adjustment range	24 ... 28V DC	24 ... 28V DC
output current (I nom)	10A	20A
power consumption	240W	480W
input voltage	85 ... 264V AC / 120 ... 370V DC	180 ... 264V AC / 250 ... 370V DC
frequency	47 ... 63Hz	47 ... 63Hz
nominal input current (I nom)	1.4A/230V AC	4.0A/230V AC
display (operation)	green LED	green LED
overload protection	105 ... 150% of power consumption 30 ... 36V DC temperature protection: switch-off at > +100°C	105 ... 150% of power consumption 30 ... 36V DC temperature protection: switch-off at > +100°C
dimensions	125.5x125.2x100mm	227x125.2x100mm
housing material	aluminum	aluminum
weight	1.2kg	2.4kg
temperature (operation / storage)	-10 ... +70°C / -20 ... +85°C	-20 ... +70°C / -20 ... +85°C
temperature coefficient	± 0.03% / °C (0 ... +50°C)	± 0.03% / °C (0 ... +50°C)
air humidity (operation / storage)	20 ... 90% / 10 ... 95%	20 ... 90% / 10 ... 95%
vibration resistance	10 ... 500Hz, 2g	10 ... 500Hz, 2g
degree of protection (EN 60529)	IP 20	IP 20
standards (reference)	UL 508, EN60950-1	UL 508, EN60950-1
connection	terminals	terminals
mounting	35mm DIN-rail	35mm DIN-rail

connection NG780201

- terminal 1: input AC
- terminal 2: input AC
- terminal 3: PE
- terminal 4: output DC (0V)
- terminal 5: output DC (0V)
- terminal 6: output DC (+24V)
- terminal 7: output DC (+24V)
- terminal 8: operating mode LED
- terminal 9: potentiometer adjustment range



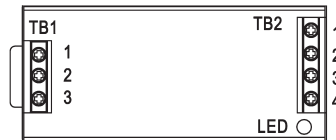
connection NG550301, NG650501

terminals TB1

- terminal 1: PE
- terminal 2: input AC
- terminal 3: input AC

terminals TB2

- terminal 1: output DC (+24V)
- terminal 2: output DC (+24V)
- terminal 3: output DC (0V)
- terminal 4: output DC (0V)



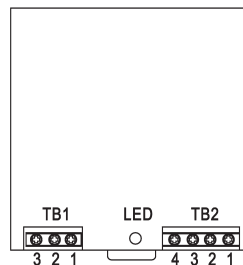
connection NGKB1001, NGLB2001

terminals TB1

- terminal 1: PE
- terminal 2: input AC
- terminal 3: input AC

terminals TB2

- terminal 1: output DC (+24V)
- terminal 2: output DC (+24V)
- terminal 3: output DC (0V)
- terminal 4: output DC (0V)



This data sheet only contains the available standard variants. For other output / connection variants, we kindly ask that you contact us.

We are happy to supply the right cable socket for the plug equipment. You will find a list in the “accessories” section of the catalog under **ipf-SENSORFLEX** “cable sockets” or in the search window on our homepage www.ipf-electronic.com (using the search term “VK”).

Warning: Never use these devices in applications where the safety of a person depends on their functionality.

NOTES

A large grid area for taking notes, consisting of a 30x30 grid of small squares. The grid is empty and occupies the majority of the page's central area.