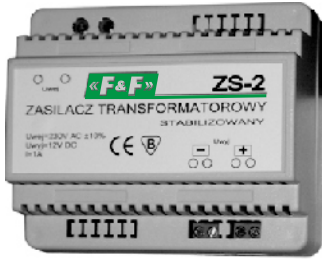


# 21. ELECTRIC SUPPLIERS AND TRANSFORMERS

## ZS 1÷6 TRANSFORMER-BASED 12W



TYPE	OUTPUT VOLTAGE	OUTPUT CURRENT
ZS-1	5V DC	2A
ZS-2	12V DC	1A
ZS-3	18V DC	0,66A
ZS-4	24V DC	0,5A
ZS-5	15V DC	0,8A
ZS-6	48V DC	0,25A

input voltage	230 V ± 10% AC
output power	12W
current limitation	I max = 110% of output current
working temperature	-10+60°C
current ripple	<3mV RMS
connection	screw terminals 2,5mm <sup>2</sup>
dimensions	6 modules (105mm)
weight	550g
fixing	on the TH-35 rail

## ZI-21 IMPULSOWY 12W



TYPE	OUTPUT VOLTAGE	OUTPUT CURRENT
ZI-21	24V DC	0,5A

input voltage	85+264V AC
output power	12W
current limitation	I max = 110% of output current
working temperature	-10+60°C
minimum load	0%
keying frequency	70 kHz
connection	screw terminals 2,5mm <sup>2</sup>
dimensions	1 module (18mm)
weight	80g
fixing	on the TH-35 rail

## ZI 1÷6 PULSE 50W



TYPE	OUTPUT VOLTAGE	OUTPUT CURRENT
ZI-1	5V DC	10A
ZI-2	12V DC	4A
ZI-3	18V DC	3A
ZI-4	24V DC	2A
ZI-5	15V DC	3,3A
ZI-6	48V DC	1A

input voltage	85+264V AC
output power	50W
current limitation	I max = 110% of output current
working temperature	-10+60°C
minimum load	0%
keying frequency	70 kHz
connection	screw terminals 2,5mm <sup>2</sup>
dimensions	6 modules (105mm)
weight	550g
fixing	on the TH-35 rail

## ZI-22-24 PULSE 30W



TYPE	OUTPUT VOLTAGE	OUTPUT CURRENT
ZI-22	12V DC	2,5A
ZI-24	24V DC	1,25A

input voltage	100+264V AC
output power	30W
current limitation	I max = 110% of output current
working temperature	-10+40°C
minimum load	0%
keying frequency	70 kHz
connection	screw terminals 2,5mm <sup>2</sup>
dimensions	3 modules (52,5mm)
weight	190g
fixing	on the TH-35 rail

## ZT 1÷6 TRANSFORMER-BASED WITH PULSE STABILIZER



TYPE	OUTPUT VOLTAGE	OUTPUT CURRENT
ZT-1	5V DC	3A
ZT-2	12V DC	2A
ZT-4	24V DC	1A

input voltage	180+264V AC
output power	25W
current limitation	I max = 110% of output current
working temperature	-10+40°C
minimum load	0%
keying frequency	52 kHz
connection	screw terminals 2,5mm <sup>2</sup>
dimensions	6 modules (105mm)
weight	742g
fixing	on the TH-35 rail

## ZI 11÷14 PULSE STABILIZER



TYPE	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT
ZI-11	8÷28V AC / 12÷37V DC	5V DC	3A
ZI-12	12÷28V AC / 16÷37V DC	12V DC	3A
ZI-13	18÷28V AC / 22÷37V DC	18V DC	3A
ZI-14	24÷28V AC / 38÷27V DC	24V DC	3A

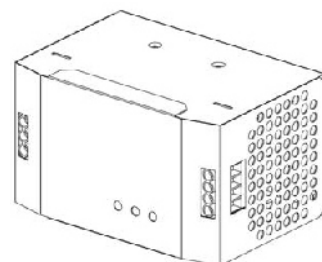
input voltage	10÷28V AC
output current	3A
current limitation	I max = 110% of output current
minimum load	0%
working temperature	-10÷60°C
connection	screw terminals 2,5mm <sup>2</sup>
dimensions	3 modules (52,5mm)
weight	150g
fixing	on the TH-35 rail

## ZI-60-24 / ZI-120-24 / ZI-240-24 PULSE POWER INDUSTRY



supply	90÷264VAC/120÷370VDC
output voltage	24V DC
frequency	47÷63Hz
min. load	0%
switching frequency	
breakdown voltage IN->OUT	3kV
overload	105%/3min
cooling	air gravity
protection	Short circuit / overload overvoltage / temperature
supply indication	green LED
overload/surge indication	red LED
working temperature	-10÷70°C
fixing	on the rail TH-35

type	power [W]	current [A]	output regul. [V]	efficiency [%]	dimensions [mm]	weight [g]
ZI-60-24	60	2,5	22÷27V	84	130×50×90	485
ZI-120-24	120	5,0	22÷28V	87	130×75×90	630
ZI-240-24	240	10,0	22÷28V	86	130×110×90	1040



## TR-08 / TR-12 / TR-24 MAINS TRANSFORMER

### PURPOSE

Application: power supply of electrical and electronic devices which do not require a stable and properly filtered supply voltage, regardless of mains voltage fluctuations.



supply	230V AC
efficiency	85%
working temperature	-10÷45°C
dimensions	TR-08 2 modules (35mm)
	TR-12 3 modules (52,5mm)
	TR-24 3 modules (52,5mm)
weight	TR-08 271g
	TR-12 325g
	TR-24 433g
connection	screw terminals 2,5mm <sup>2</sup>
fixing	on rail TH-35

TYP	OUT SUPPLY.	CURRENT	POWER
TR-08	8V	1A	8VA
TR-12	12V	0,66A	8VA
TR-24	24V	0,5A	12VA

The transformer system has an incorporated PTC posistor which offers overcurrent protection.