

ALI* POWER SUPPLIERS - TRANSFORMERS - SURGE PROTECTIONS

DR* ELECTRONIC STABILIZED POWER SUPPLIER DIN RAIL

Electric devices for DIN rail direct mounting, placed inside power box, single phase or three phases main supply input. 230Vac input voltage to 24Vdc output, galvanic isolation, several power available. Suitable for all equipments, so as controller, PLC, HMI interfaces.

Models:	Power rate	Input
ALIDR3024	30 W	Single phase
ALIDR4524	45 W	
ALIDR6024	60 W	
ALIDR12024	120 W	
ALIDRP24024	240 W	
ALIDRT24024	240 W	Three phase
ALIDRT48024	480 W	
ALIDRT96024	960 W	



Dimensions:	55.5x125x100 (75w); 65.5x125x100 (120w)
Input voltage:	85...264 Vac; 90...132/180...264Vac (by switch selection) 1Ph/3Ph
Overload protection:	105...120% (160%) constant , current limit
Over voltage protection:	115...135% , 125...135% related to output voltage
Over temperature protection:	Output voltage cut off with restarting
Output offset:	+/-10% 24...28Vdc
Working temperature:	-10...55°C / -20...70°C
EMC Standard:	EN55022 class B; EN61000-6-2
Wirings:	3 or 4 screw terminals or clamps

SWD* DESKTOP POWER SUPPLIERS

Desktop power suppliers with single phase 100...240Vac, different voltage and power input available.

Models	Output	Current A	Power	Connector
SWDACM	12Vdc	1 A	N.D.	N.D.
SWADC12	12Vdc	6.67 A	80 W	P1M
SWADC15	15Vdc	6 A	90 W	P1M
SWADC19	19Vdc	4.74 a	90 W	P1M
SWDAC24	24Vdc	3,75 A	90 W	P1M
SWADC24K	24Vdc	3.75 A	90 W	plug series*
SWADC48	48Vdc	1.87 A	90 W	P1M



* Plug series	Inner diameter mm	External diameter mm	Lengths approx mm
P0M	2.1	5.5	10.5
P1M	2.5	5.5	12.5
P2M	3	6.3	12
P3M	1.75	4.75	11



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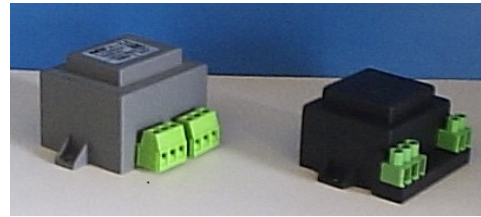
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TRF* SCREW TERMINAL TRANSFORMERS

Screw wiring, molded, low voltage transformers.

Screw terminal connections

Model	Primary ca	Secondary ca	Power
TRF024012	24V	12V	3 VA
TRF230012	230V	12V	3 VA
TRF230024	230V	24V	3 VA
TRF2300126	230V	12V	6 VA
TRF2300246	230V	24V	6 VA
TRF0240126	24V	12V	6VA

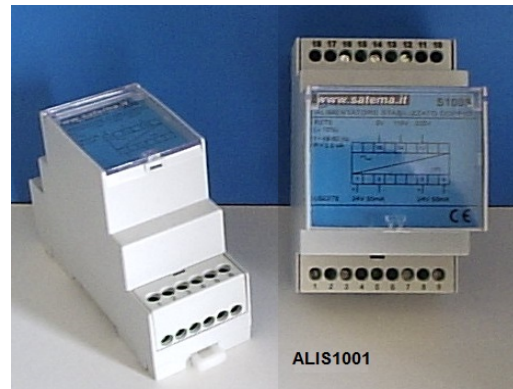


DIN rail version

Model	Primary ca	Secondary ca	Power
TRF2300126D	230V	12V	6 VA
TRF2300246D	230V	24V	6 VA
TRF02401210D	24V	12V	10 VA

ALIS* CURRENT LOOP POWER SUPPLIERS

Stabilized power suppliers with 1 or 2, 24 Vdc output for 40 mA max current output. Suitable clip on DIN rails 35 mm frame width (DIN 46277). Industrial environment use for instruments powering of 4-20 mA current loops or controlled voltage supply by main voltage 230V - 115V ac to 24 Vdc. Input is protected against online surge voltages by varistor elements. Front end isolation between supply input and low voltage output up to 4500 Vca. Overload protection.



ALIS1001

Model	Type	Input	Consumption	Output	dimensions mm WxHxD	weight g
ALIS50	single output	115/230 Vac ±10% 50/60 Hz	1.5 VA	24 Vdc 40 mA	35x95x72	about 150
ALIS1001	double output	115/230 Vac	3.5 VA	2x 24 Vdc 50 mA	52.5x95x72	about 300
ALIS1003		24V				



ALIS50



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ALIS4* ELECTRIC PROTECTION DEVICES

Electrical protection devices for power supply lines and current loop.

Models: 	ALIS400HV	ALIS400LV	ALIS400CL
	Static protection device for power supply lines at 230 Vac. Employed to protect all control and measurement instrumentations against surge or noises in voltage supply.	Static protection device for power supply lines at 24 Vac. Employed to protect all control and measurement instrumentations against surge or noises in voltage supply.	Static protection device for 4-20 mA current loop. Suitable for surge or noises protection of the data acquisition instrumentation so as their sensors or transducers on field.
Working voltage:	< 230 Vac (positive offset 15%)	< 35 Vdc-ac (positive offset 15%)	< 35 Vdc (positive offset 15%)
Setting voltage:	275 Veff (wire/wire)	47 Veff (wire/wire)	47 Veff (wire/wire)
Discharging voltage:	470 V (wire/wire - wire/earth)	90 V (wire/wire -wire/earth)	90 V (wire/wire -wire/earth)
Discharging current:	> 5000 A	> 5000 A; shut of power	> 5000 A
Shut off power rate:	1500 A		1500 A
Max load:	6.3 A	1 A	-
Current loop drop voltage :	-	-	about 2.2 Vdc
Dimensions WxHxD mm	35x95x72	17.5x95x72	17.5x95x72
Weight g approx:	200	150	150



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