

Switch Mode power supply



Type DRA

Compact economical single-phase industrial power supply for electronics requiring stabilised DC voltage. Designed and tested according to norm EN60950 and approved by UL. Standard models with universal input voltage (90-265V) and adjustable DC output voltage (typical -10% and +15%). Short circuit proof and protected against overload.

Fixed installation, easy snap-on assembly on 35mm DIN-rail. DRA 120 models have PFC.

The switch mode technology provide compact design, high efficiency and low residual ripple (less than +/-0.5%). Shock- and vibration tested. Cased in plastic IP20.

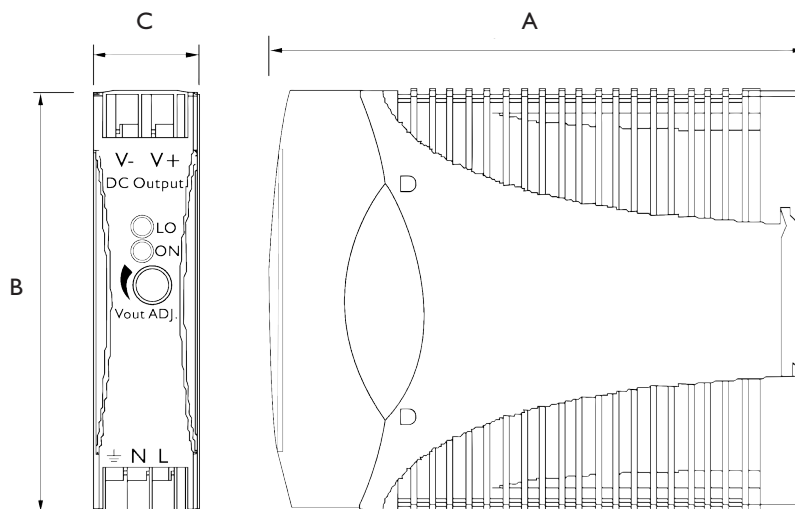
Application:

The DRA models are especially designed for industrial control systems, process automatic and industrial applications requiring stabilised DC voltage.

Technical specifications

- Input voltage: 90~265 VAC
(115/230 VAC)
- Frequency: 47-63Hz
- Output voltage: 5, 12, 15, 24, 48 VDC
- Max Ripple: 0,5% RMS
- According to: EN60950, UL508, UL1310
(list.), EN50081-I, EN50082-I
- Test/insulating voltage: 3,0 kV AC RMS
- Construction class: I
- Insulation class: B
- Ambient temp. (t_a): 50°C
- Degree of protection: IP20

Dimensions



Type	Voltage Pri. (VAC)	Voltage Sec. (VDC)	Current (A)	Power (W)	Dimensions AxBxC (mm)	Weight (g)	Art. no.
5 VDC							
DRA05-05	90-265	5	1,0	5	115x90x23	115	3-097-000001
DRA10-05	90-265	5	2,0	10	115x90x23	120	3-097-000005
DRA18-05	90-265	5	3,0	18	115x90x23	150	3-097-000009
DRAN30-05	90-265	5	6,0	30	115x90x40	290	3-097-000013
DRAN60-05A	90-265	5	10	60	115x90x40	360	3-097-000017
12 VDC							
DRA05-12	90-265	12	0,42	5	115x90x23	115	3-097-000002
DRA10-12	90-265	12	0,84	10	115x90x23	120	3-097-000006
DRA18-12	90-265	12	1,5	18	115x90x23	150	3-097-000010
DRAN30-12	90-265	12	2,5	30	115x90x40	290	3-097-000014
DRAN60-12	90-265	12	5,0	60	115x90x40	360	3-097-000018
DRANI20-12A	115/230	12	10	120	116x124x64	860	3-097-000032
15 VDC							
DRA05-15	90-265	15	0,34	5	115x90x23	115	3-097-000003
DRA10-15	90-265	15	0,67	10	115x90x23	120	3-097-000007
DRA18-15	90-265	15	1,2	18	115x90x23	150	3-097-000011
24 VDC							
DRA05-24	90-265	24	0,21	5	115x90x23	115	3-097-000004
DRA10-24	90-265	24	0,42	10	115x90x23	120	3-097-000008
DRA18-24	90-265	24	0,75	18	115x90x23	150	3-097-000012
DRAN30-24	90-265	24	1,25	30	115x90x40	290	3-097-000015
DRAN60-24	90-265	24	2,5	60	115x90x40	360	3-097-000019
DRA100-24A	90-265	24	4,2	100	114x90x54	430	3-097-000035
DRANI20-24A	115/230	24	5,0	120	116x124x66	860	3-097-000030
DRA240-24A	115/230	24	10	240	116x125x83	1000	3-097-000024
DRA300-24A	115/230	24	12,5	300	124x125x84	1400	3-097-000036
DRA480-24A	90-265	24	20	480	116x125x175	1920	3-097-000027
48 VDC							
DRAN30-48	90-265	48	0,625	30	115x90x40	290	3-097-000016
DRAN60-48	90-265	48	1,25	60	115x90x40	360	3-097-000020
DRANI20-48FPA	115/230	48	2,5	120	116x124x64	860	3-097-000034
DRA240-48A	115/230	48	5,0	240	116x125x83	1000	3-097-000025
DRA480-48A	90-265	48	10	480	116x125x175	1920	3-097-000028