

DN3012



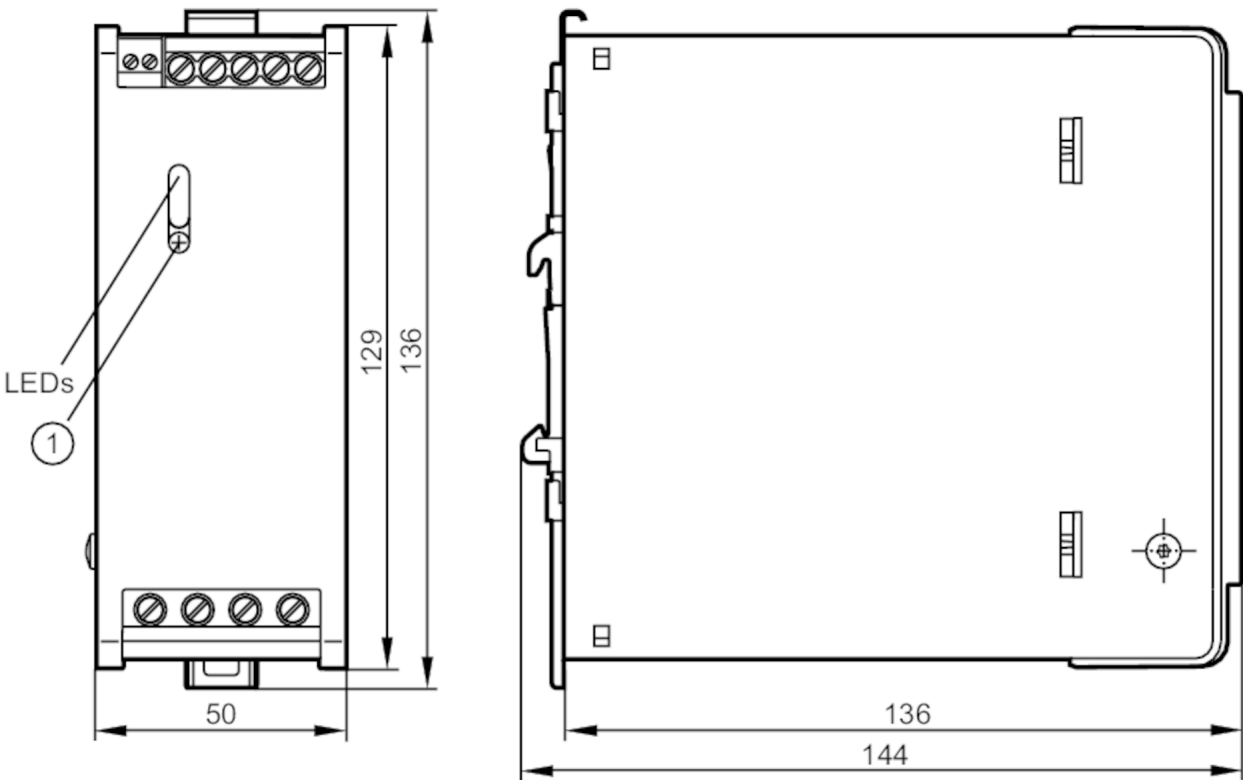
Switched-mode power supply 24 V DC

PSU-1AC/24VDC-5A

Article no longer available - archive entry

Alternative articles: DN4012

When selecting an alternative article and accessories please note that technical data may differ!



1 potentiometer



Electrical data		
Operating voltage tolerance	[%]	10
Nominal frequency AC	[Hz]	47...63
Input voltage range AC	[V]	100...240
Output voltage DC	[V]	24...28
Protection class		I; (IEC 61140)
Max. power-on delay time	[ms]	1000
Power-on delay time	[s]	< 1000
Output voltage	[V]	adjustable
Max. output current at min. output voltage	[A]	5
Number of output circuits		1
Max. residual ripple	[mV]	50
Efficiency (nominal voltage 230 V AC / 50 Hz)	[%]	88.9
External input protection		10 A; B
Derating	[W/K]	3% / K (> 60° C)

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Mains buffering time (nominal voltage 230 V AC / 50 Hz)	205
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Outputs

Short-circuit proof	yes
Overload protection	yes
Reliability of the DC OK signal	30 V DC (< 1 A)

Operating conditions

Ambient temperature	[°C]	0...70
Protection		IP 20

Tests / approvals

EMC	EN 61000-6-2	
	EN 61000-6-3	

Mechanical data

Weight	[g]	0.987
Type of mounting		rail; (TH35 (EN 60715); free space for convection cooling 20 mm)
Dimensions	[mm]	129 x 50 x 136
Material		AlMg3; steel sheet; PC

Displays / operating elements

Display	DCok	1 x LED, green
	overload	1 x LED, red

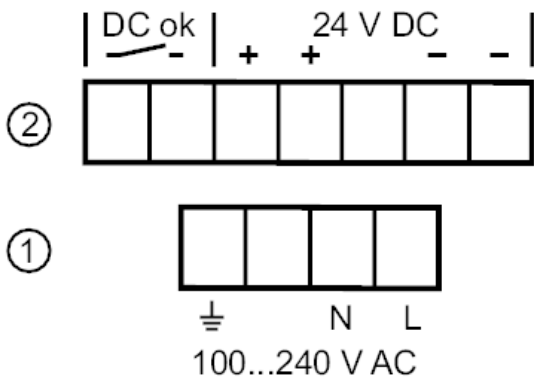
Remarks

Remarks	output voltage to SELV, PELV
Pack quantity	1 pcs.

Electrical connection

screw terminals:

Connection



- 1: primary
2: secondary