DN3012

Switched-mode power supply 24 V DC

PSU-1AC/24VDC-5A

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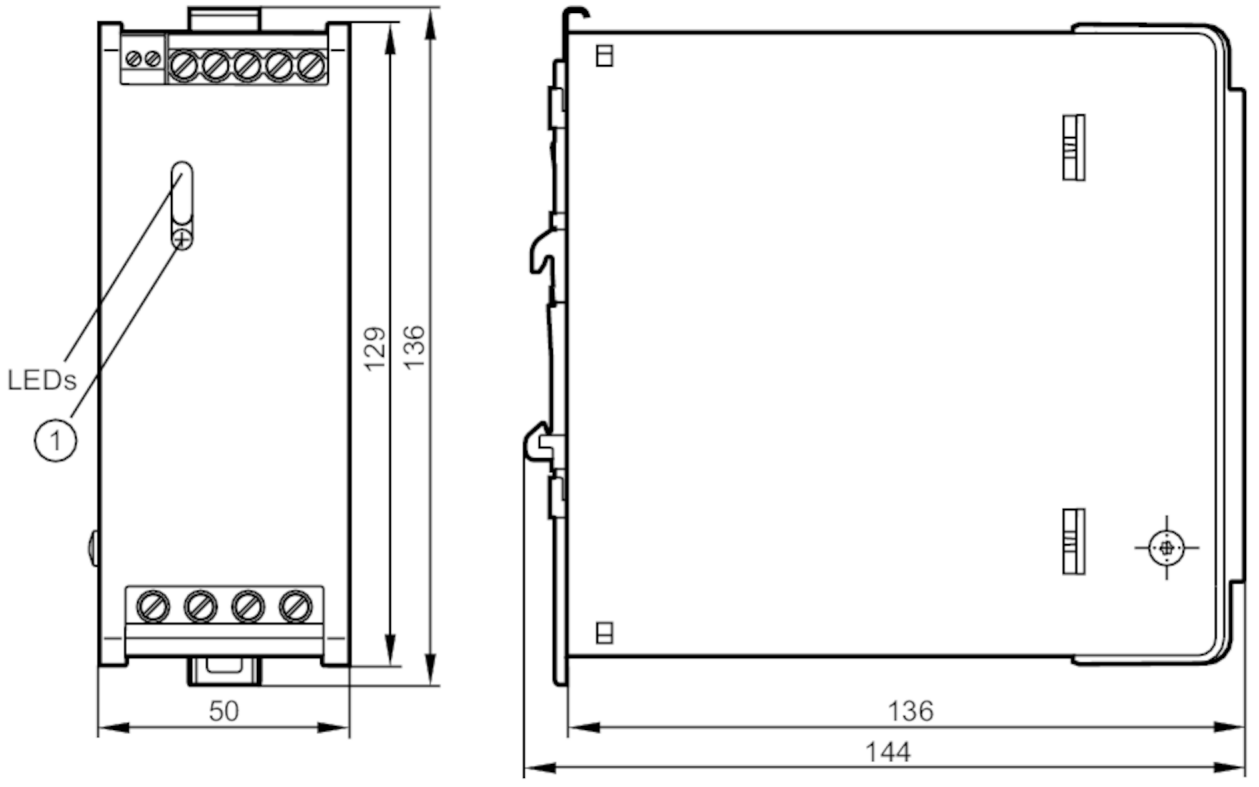

1 potentiometer

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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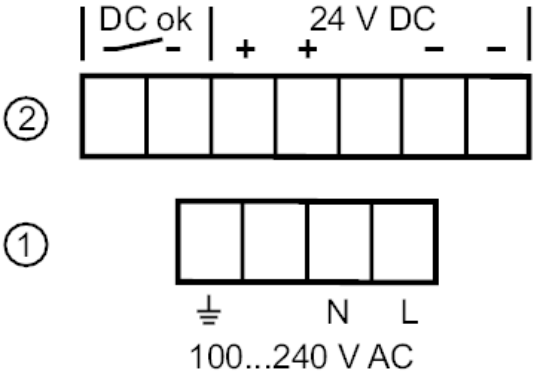
Mains buffering time (nominal voltage 230 V AC / 50 Hz) [ms]	205		
Outputs			
Short-circuit proof	yes		
Overload protection	yes		
Reliability of the DC OK signal	30 V DC (< 1 A)		
Operating conditions			
Ambient temperature [°C]	0...70		
Protection	IP 20		
Tests / approvals			
EMC	EN 61000-6-2		
	EN 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		
Materials	AlMg3; steel sheet; PC		
Displays / operating elements			
Display	DC ok	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