DN3011

Switched-mode power supply 24 V DC

PSU-1AC/24VDC-2,5A

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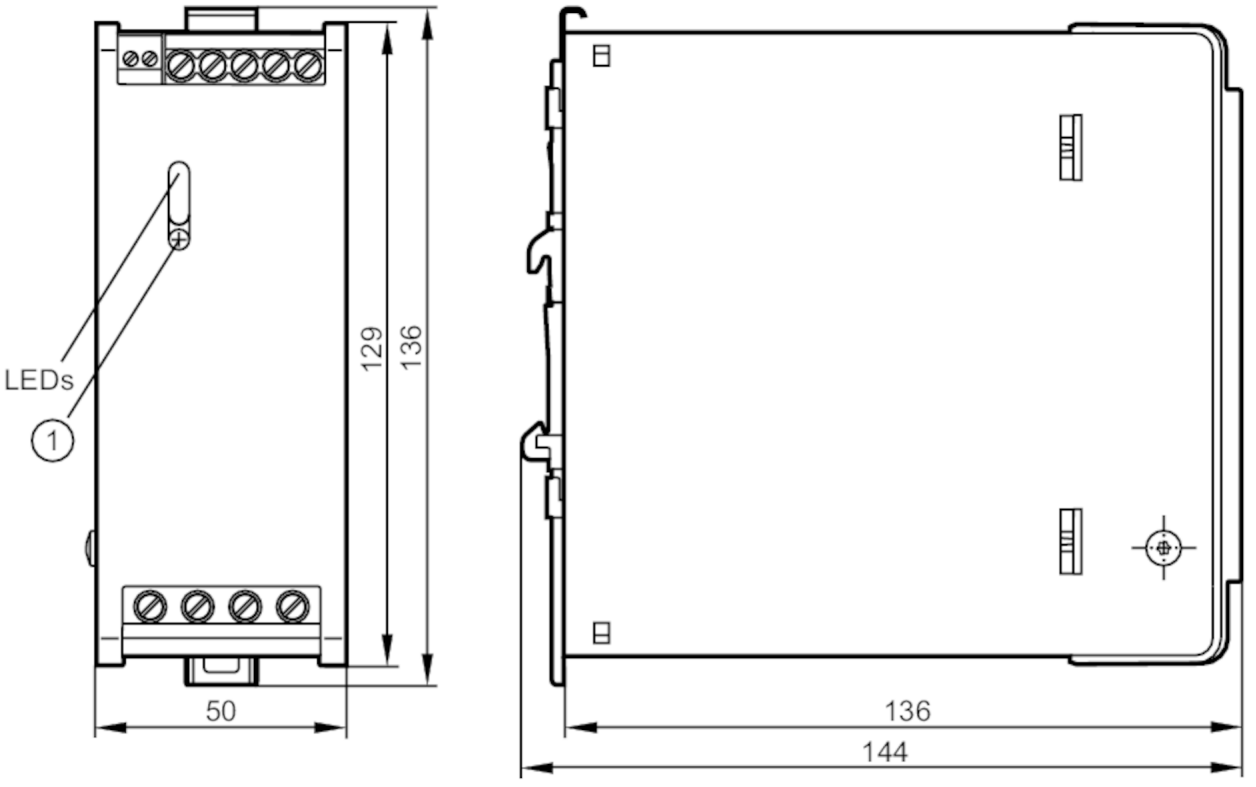

1 potentiometer

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]	2.5
Number of output circuits		1
Max. residual ripple	[mV]	50
Efficiency (nominal voltage 230 V AC / 50 Hz)	[%]	87.1
External input protection		10 A; B
Derating	[W/K]	3% / K (> 60° C)
Mains buffering time (nominal voltage 230 V AC / 50 Hz)	[ms]	450

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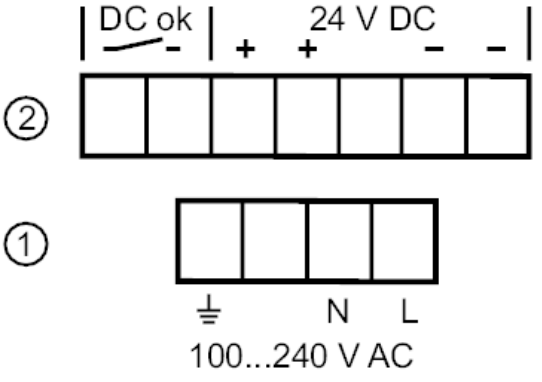
Outputs			
Short-circuit proof		yes	
Overload protection		yes	
Reliability of the DC OK signal		30 V DC (< 1 A)	
Operating conditions			
Ambient temperature	[°C]	0...70	
Protection		IP 20	
Tests / approvals			
EMC		EN 61000-6-2	
		EN 61000-6-3	
Mechanical data			
Weight	[g]	970.5	
Type of mounting		rail; (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