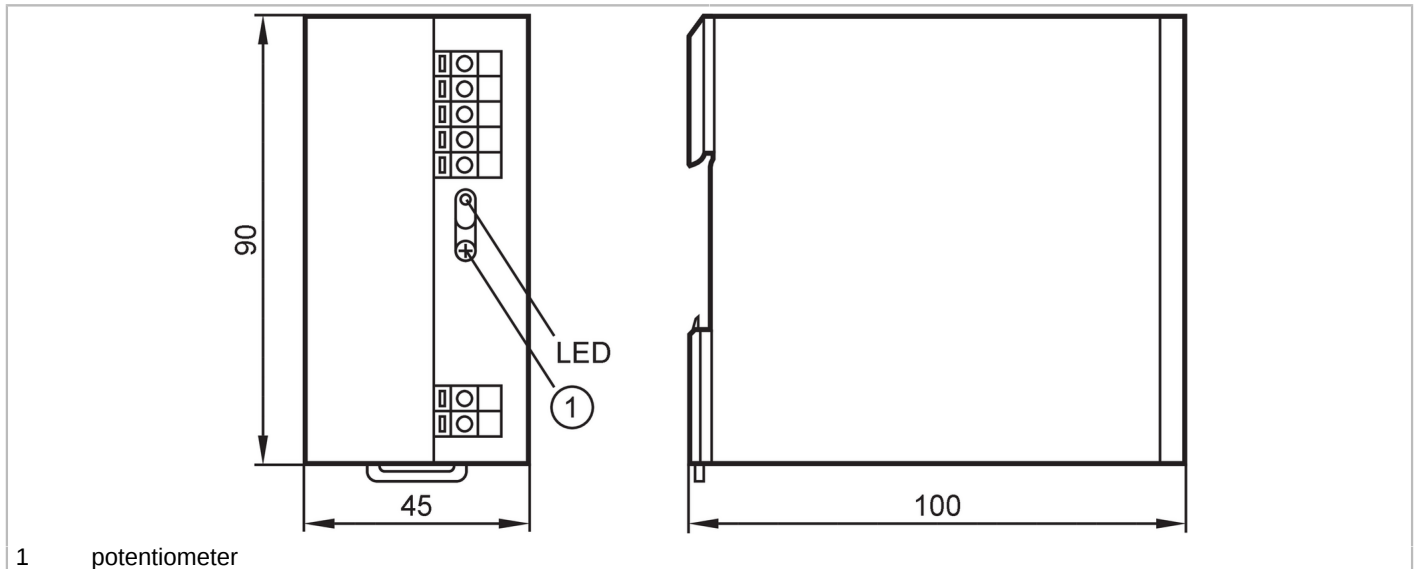


DN1031



Switched-mode power supply 24 V DC

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



1 potentiometer



Application	
Design	housing for DIN rail mounting
Electrical data	
Operating voltage tolerance [%]	10
Nominal voltage AC [V]	< 230
Nominal frequency AC [Hz]	47...63
Input voltage range AC [V]	100...240
Output voltage DC [V]	24...28
Protection class	II; (IEC 61140)
Power-on delay time [s]	< 0.38
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) [%]	88
External input protection	10 A; B
Derating [W/K]	2% / K (> 60° C)
Mains buffering time (nominal voltage 230 V AC / 50 Hz) [ms]	90
Outputs	
Short-circuit proof	yes
Overload protection	yes
Reliability of the DC OK signal	24 V DC (30 mA)
Operating conditions	
Ambient temperature [°C]	0...70
Protection	IP 20

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Tests / approvals

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

Mechanical data

Weight [g]	335
Housing	rectangular
Type of mounting	Mounting on DIN rail; (TH35 (EN 60715); free space for convection cooling 30 mm)
Dimensions [mm]	90 x 45 x 100
Material	housing: PC/ABS

Displays / operating elements

Display	DCok	1 x LED, green
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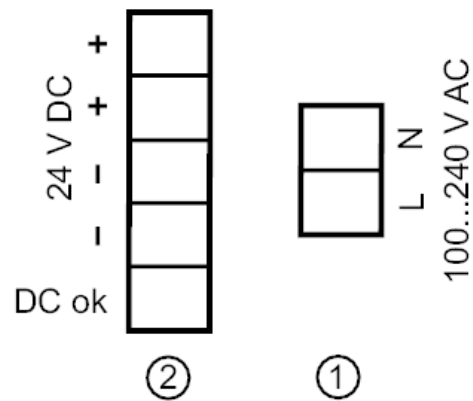
Remarks

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

Electrical connection

cage clamps:

Connection



- 1: primary
- 2: secondary