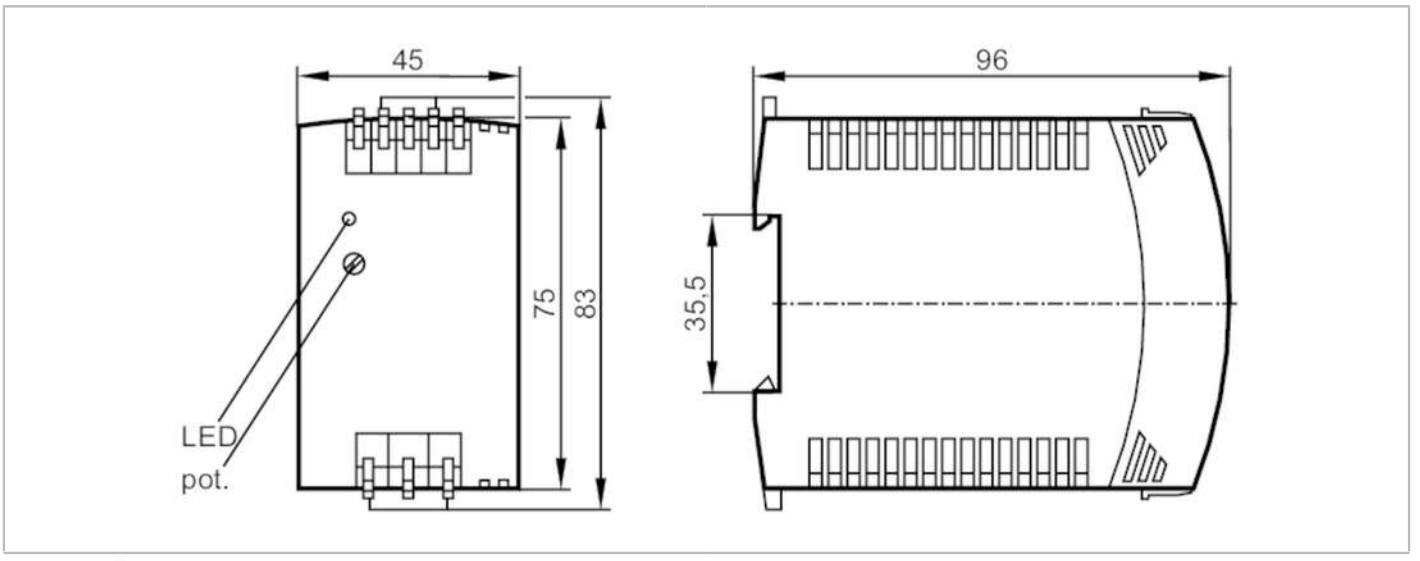
DN1020

Switched-mode power supply 24 V DC

POWER SUPPLY/24VDC/1,3A



Electrical data		
Nominal voltage AC	[V]	< 230
Nominal frequency AC	[Hz]	50...60
Input voltage range AC	[V]	100...240
Output voltage DC	[V]	24...28
Protection class		I; (IEC 61140)
Overvoltage protection		yes; (< 40)
Output voltage	[V]	adjustable
Output voltage tolerance	[%]	2
Max. output current at min. output voltage	[A]	1.3
Number of output circuits		1
Max. residual ripple	[mV]	50
Efficiency (nominal voltage 230 V AC / 50 Hz)	[%]	87.5
Derating	[W/K]	1 (60...70 °C)
Mains buffering time (nominal voltage 230 V AC / 50 Hz)	[ms]	190
Outputs		
Short-circuit protection		yes
Overload protection		yes
Operating conditions		
Ambient temperature	[°C]	-10...70
Protection		IP 20
Tests / approvals		
EMC		EN 61000-6-2
		EN 61000-6-3
MTTF	[years]	411

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Mechanical data		
Weight	[g]	310.5
Housing		housing for DIN rail mounting
Type of mounting		mounting on DIN rail; (TH35 (EN 60715))
Dimensions	[mm]	83 x 45 x 96
Materials		PC

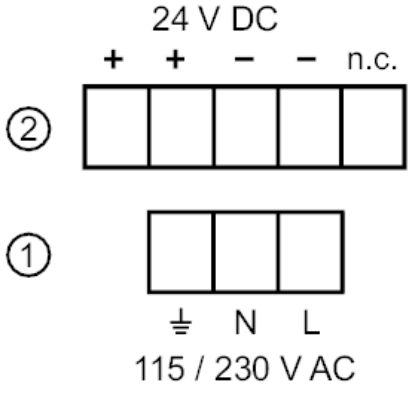
Displays / operating elements		
Display	function	LED, green

Remarks	
Pack quantity	1 pcs.

Electrical connection

spring clamp terminals: ...2.5 mm²

Connection



1 primary
2 secondary