

DN1022



Switched-mode power supply 24 V DC

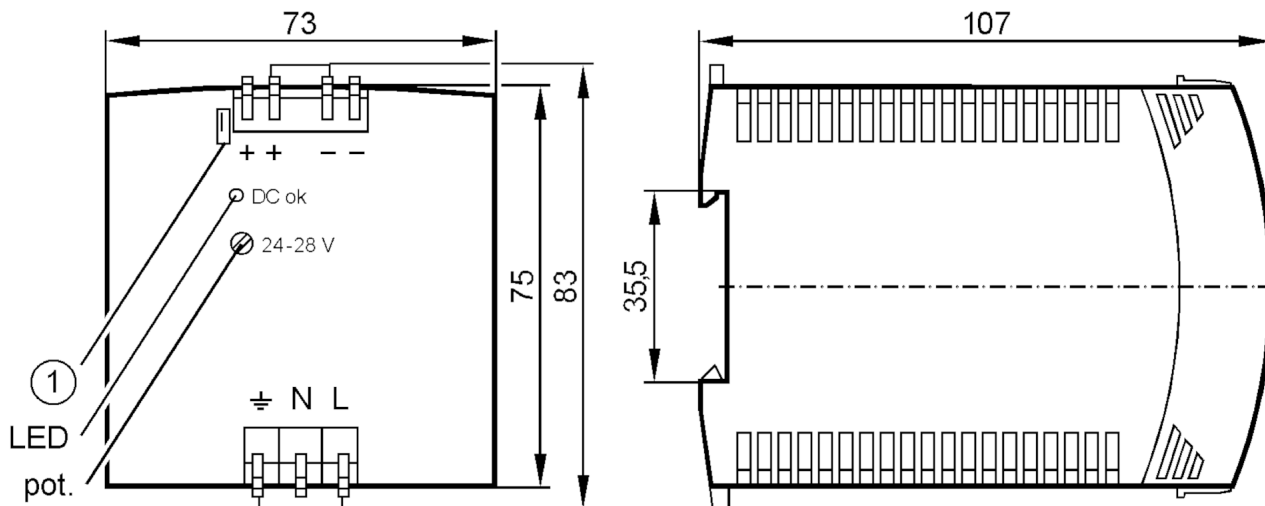
POWER SUPPLY/24VDC/4,1A

Article to be discontinued

Discontinuation date: 03/31/2026

Alternative articles: DN4012

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



1 Jumper single or parallel operation



Electrical data		
Nominal voltage AC	[V]	< 230
Nominal frequency AC	[Hz]	50...60
Input voltage range AC	[V]	100...240; (-15 % / +10 %)
Input voltage DC	[V]	290; (-20 % / +25 %)
Output voltage DC	[V]	24...28
Protection class		I; (IEC 61140)
Output voltage	[V]	adjustable
Output voltage tolerance	[%]	2
Max. output current at min. output voltage	[A]	4.1
Number of output circuits		1
Max. residual ripple	[mV]	50
Efficiency (nominal voltage 230 V AC / 50 Hz)	[%]	90
Derating	[W/K]	2 (60...70 °C)
Mains buffering time (nominal voltage 230 V AC / 50 Hz)	[ms]	40

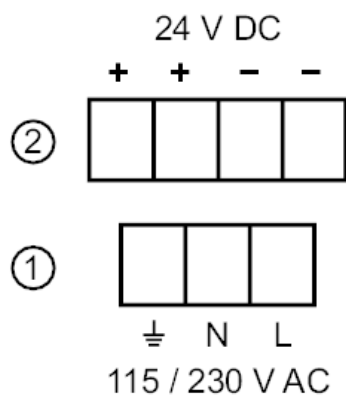
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Outputs		
Short-circuit protection		yes
Overload protection		yes
Operating conditions		
Ambient temperature	[°C]	-10...70
Protection		IP 20
Tests / approvals		
EMC	EN 61000-6-2	
	EN 61000-6-3	
MTTF	[years]	57
Mechanical data		
Weight	[g]	434
Housing		rectangular
Type of mounting		Mounting on DIN rail; (TH35 (EN 60715))
Dimensions	[mm]	75 x 73 x 107
Material		housing: PC
Displays / operating elements		
Display	Function	LED, green
Remarks		
Pack quantity		1 pcs.
Electrical connection		
spring clamp terminals: ...2.5 mm ²		
Connection		



- 1 primary
- 2 secondary