

DN1020



Switched-mode power supply 24 V DC

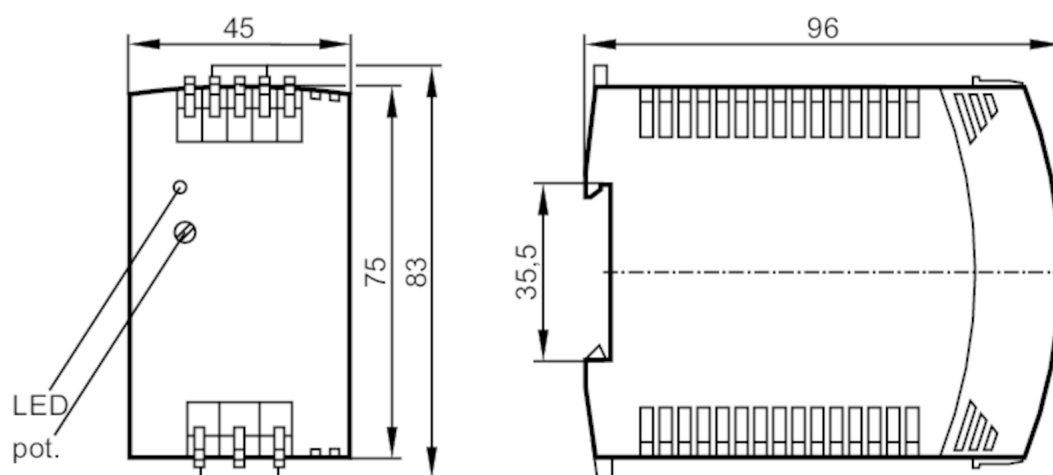
POWER SUPPLY/24VDC/1,3A

phase-out article

Discontinuation date: 03/31/2026

Alternative articles: DN1030

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



Application

Design housing for DIN rail mounting

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

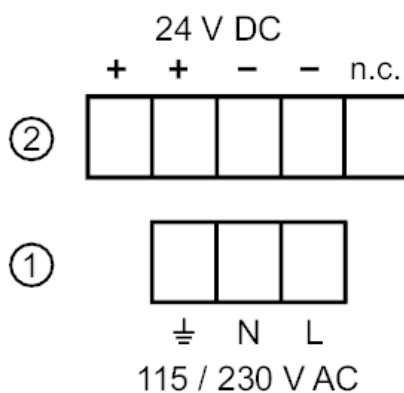
DN1020



Switched-mode power supply 24 V DC

POWER SUPPLY/24VDC/1,3A

Operating conditions		
Ambient temperature	[°C]	-10...70
Protection		IP 20
Tests / approvals		
EMC	EN 61000-6-2	
	EN 61000-6-3	
MTTF	[years]	74
Mechanical data		
Weight	[g]	310.5
Housing		rectangular
Type of mounting		mounting on DIN rail; (TH35 (EN 60715))
Dimensions	[mm]	83 x 45 x 96
Materials		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