

New generation available: DN4012  
 Article discontinued as of 31.March 2017

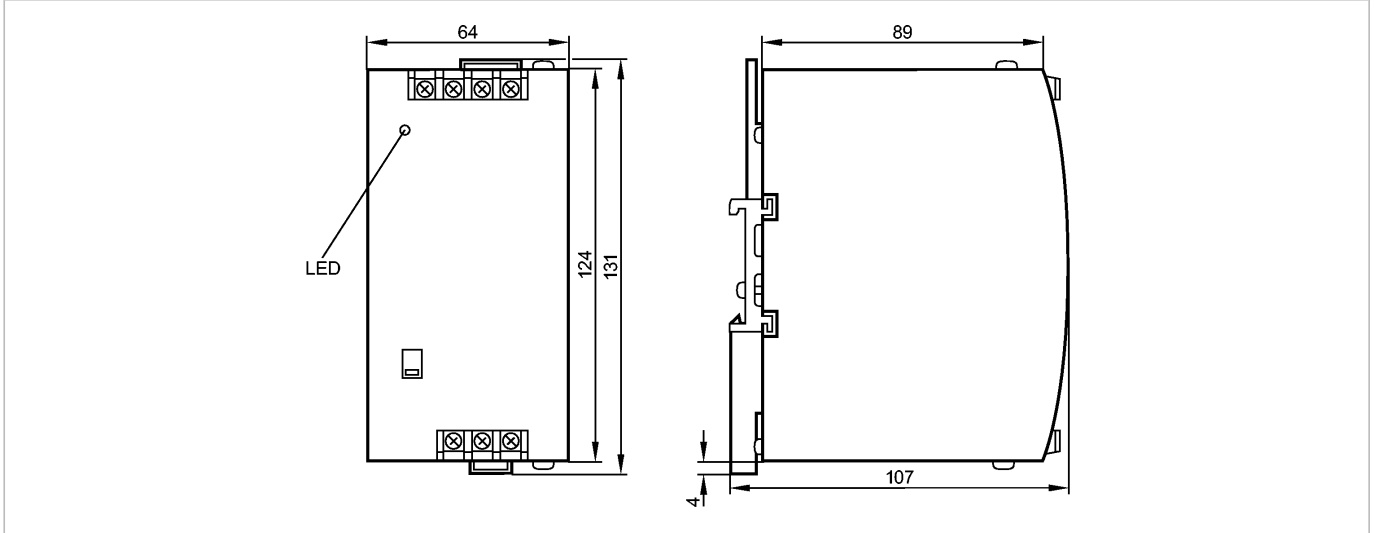
**ecomat200**

DN2012



POWER SUPPLY/24VDC/5A

Evaluation systems, power supplies



Product characteristics

Switched-mode power supply 24 V DC

Primary switched mode

Output current 5 A, regulated

Application

Application

regulated power supply for sensors, actuators, evaluation electronics and plcs

Electrical data

Input voltage range [V]

85...132 AC / 176...264 AC, 210...375 DC

Nominal voltage [V]

115 / 230 AC

Nominal frequency [Hz]

47...63

Output voltage [V]

24 DC (+5% / -1%)  
to SELV/PELV

Output current [A]

5

Residual ripple [mV]

< 50

Switch-on peak current [A]

< 15

Efficiency [%]

90

Short-circuit protection

yes

Overload protection

yes

Power-on delay time [ms]

< 20

Derating [W/K]

3 (60...70 °C)

Mains buffering time [ms]

> 37

Protection class

I

Oversvoltage protection (OVP) [V]

29

Outputs

Output

Output current 5 A, regulated

Environment

Ambient temperature [°C]

-10...60

Protection

IP 20

Tests / approvals

EMC

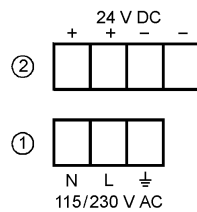
EN 50081-1  
 EN 61000-6-1  
 EN 61000-6-2  
 EN 61000-6-3  
 EN 61000-6-4

# DN2012 - Switched-mode power supply 24 V DC - eclass: 27049002 / 27-04-90-02

MTTF	[Years]	241
Mechanical data		
Housing materials		aluminum
Installation		rail TH35 (to EN 60715)
Weight	[kg]	0.692
Displays / operating elements		
Function display	LED	green: output voltage
Electrical connection		
Connection		terminals 1.5 up to 6 mm <sup>2</sup>

## Wiring

1: primary, 2: secondary



Remarks		
Remarks		Protection class according to IEC 61140
Pack quantity	[piece]	1

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