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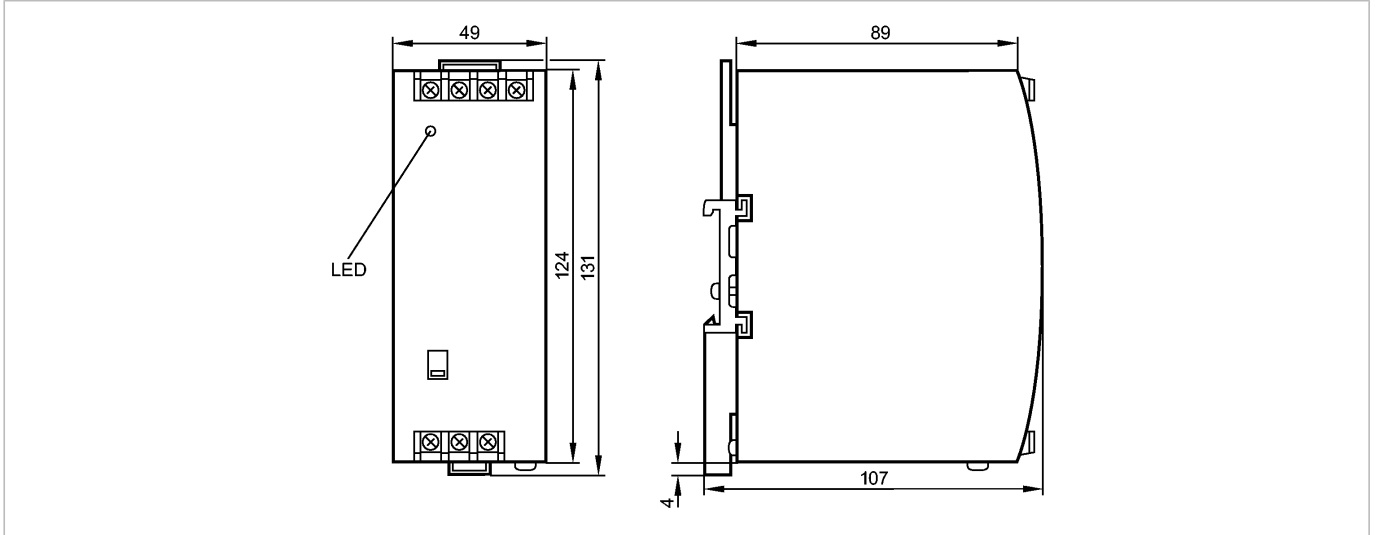
**ecomat200**

DN2011



POWER SUPPLY/24VDC/2.5A

Evaluation systems, power supplies



Product characteristics

Switched-mode power supply 24 V DC

Primary switched mode

Output current 2.5 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, 160...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]	2.5
Residual ripple [mV]	< 25
Switch-on peak current [A]	< 25
Efficiency [%]	87.5
Short-circuit protection	yes
Overload protection	yes
Power-on delay time [ms]	< 20
Derating [W/K]	1.5 (60...70 °C)
Mains buffering time [ms]	> 20
Protection class	I
Oversvoltage protection (OVP) [V]	32

Outputs

Output Output current 2.5 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

MTTF [Years] 294

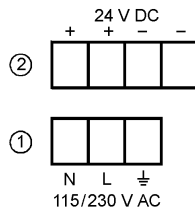
# DN2011 - Switched-mode power supply 24 V DC - eclass: 27049002 / 27-04-90-02

**Mechanical data**

Housing materials	aluminum
Installation	rail TH35 (to EN 60715)
Weight [kg]	0.511
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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