

replaced by: DN4034

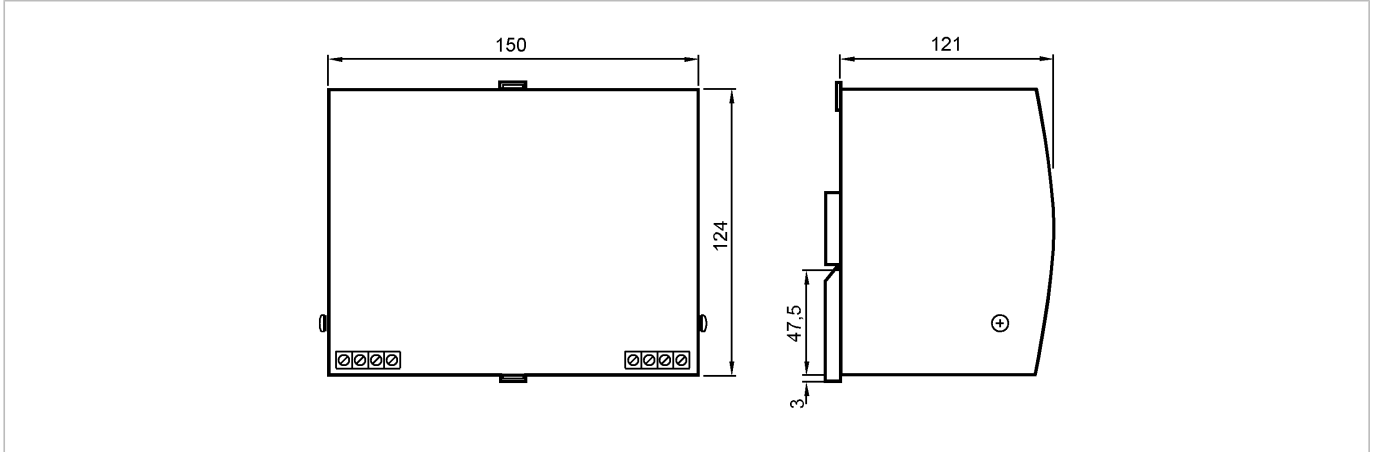
ecomat200

DN2134



POWER SUPPLY/24VDC/20A

Evaluation systems, power supplies



Product characteristics

Switched-mode power supply 24 V DC

Primary switched mode

Output current 20 A, regulated

Application

Application

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

Electrical data

Input voltage range [V]

340...576 AC / 450...820 DC

Nominal voltage [V]

3 x 400...500 AC; $\pm 15\%$

Nominal frequency [Hz]

47...63

Output voltage [V]

24...28 DC ($\pm 2\%$ *)
to SELV/PELV

Output current [A]

20

Residual ripple [%]

< 0.1

Switch-on peak current [A]

< 7

Efficiency [%]

92

Short-circuit protection

yes

Overload protection

yes

Power-on delay time [ms]

< 80

Derating [W/K]

12 (60...70 °C)

Mains buffering time [ms]

> 11

Protection class

I

Overload performance

Selectable by front jumper.
In "ON" position the unit switches off after typ. 4 s of overload (red LED lit).
Reset by front push button or disconnection from supply > 1 min.

Overvoltage protection (OVP) [V]

33 ($\pm 10\%$)

Outputs

Output

Output current 20 A, regulated

Environment

Ambient temperature [°C]

0...70

Protection

IP 20

Tests / approvals

EMC

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

MTTF [Years]

58

Mechanical data

Housing materials

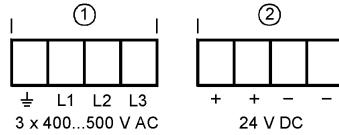
aluminum

DN2134 - Switched-mode power supply 24 V DC - eclass: 27049002 / 27-04-90-02

Installation	rail TH35 (to EN 60715)
Weight [kg]	1.811
Displays / operating elements	
Function display LED	green: output voltage; red: lights for overload, flashes for short circuit
Electrical connection	
Connection	terminals 1.5 up to 6 mm ²

Wiring

1: primary, 2: secondary



Remarks

Remarks

*) adjustable

Protection class according to IEC 61140

Pack quantity

[piece]

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