

New generation available: E84036  
 Article discontinued as of 31.March 2017

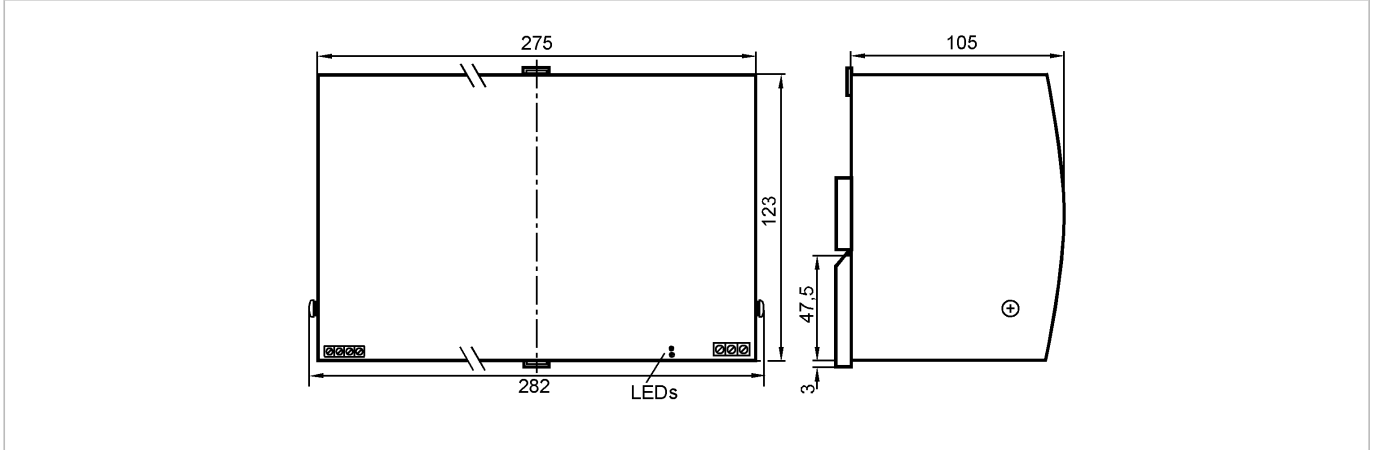
**ecomat200**

DN2035



POWER SUPPLY/24VDC/40A

Evaluation systems, power supplies



Product characteristics

Switched-mode power supply 24 V DC

Primary switched mode

Output current 40 A, regulated

Application

Application

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

Electrical data

Input voltage range [V]

340...575 AC

Nominal voltage [V]

3 x 400...500 AC

Nominal frequency [Hz]

47...63

Output voltage [V]

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

Output current [A]

40

Residual ripple [%]

< 0.2

Switch-on peak current [A]

< 30

Efficiency [%]

92.5

Short-circuit protection

yes

Overload protection

yes

Power-on delay time [ms]

< 100

Derating [W/K]

24 (60...70 °C)

Mains buffering time [ms]

> 15

Protection class

I

Overvoltage protection (OVP) [V]

32 ( $\pm 10\%$ )

Outputs

Output

Output current 40 A, regulated

Environment

Ambient temperature [°C]

-10...60

Protection

IP 20

Tests / approvals

EMC

EN 50081-1  
EN 61000-6-2

MTTF [Years]

53

Mechanical data

Housing materials

aluminum

Installation

rail TH35 (to EN 60715)

Weight [kg]

3.462

# DN2035 - Switched-mode power supply 24 V DC - eclass: 27049002 / 27-04-90-02

Displays / operating elements

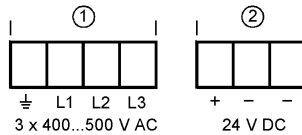
Function display LED | green: output voltage; red: lights for overload, flashes for short circuit

Electrical connection

Connection | input: terminals 1.5...6 mm<sup>2</sup>, output: terminals 0.5...16 mm<sup>2</sup>

## Wiring

1: primary, 2: secondary



Remarks

Remarks | \*) adjustable  
 Protection class according to IEC 61140

Pack quantity [piece] | 1

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