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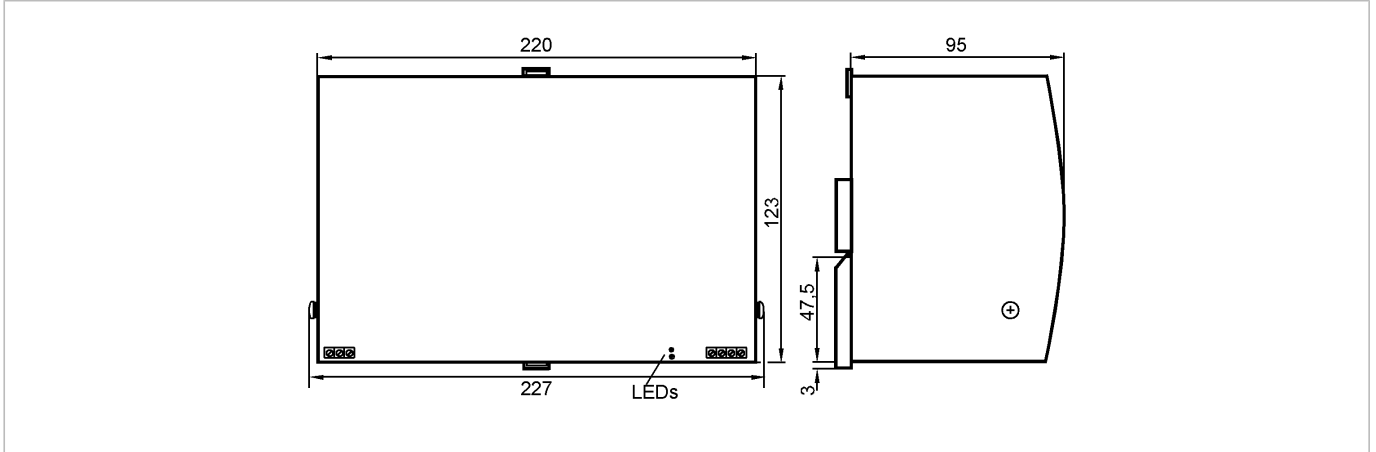
ecomat200

DN2014



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]	184...264 AC / 270...370 DC
Nominal voltage [V]	230 AC
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]	< 33
Efficiency [%]	91
Short-circuit protection	yes
Overload protection	yes
Power-on delay time [ms]	< 80
Derating [W/K]	12 (60...70 °C)
Mains buffering time [ms]	> 20
Protection class	I
Overvoltage protection (OVP) [V]	33 ($\pm 10\%$)

Outputs

Output Output current 20 A, regulated

Environment

Ambient temperature [°C]	-10...60
Protection	IP 20

Tests / approvals

EMC	EN 50081-1 EN 61000-6-2
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MTTF [Years]	35
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Mechanical data

Housing materials	aluminum
Installation	rail TH35 (to EN 60715)
Weight [kg]	1.725

Displays / operating elements

DN2014 - Switched-mode power supply 24 V DC - eclass: 27049002 / 27-04-90-02

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

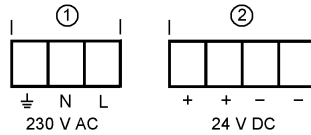
Electrical connection

Connection

terminals 1.5 up to 6 mm²

Wiring

1: primary, 2: secondary



Remarks

Remarks

*) adjustable

Protection class according to IEC 61140

Pack quantity

[piece]

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