

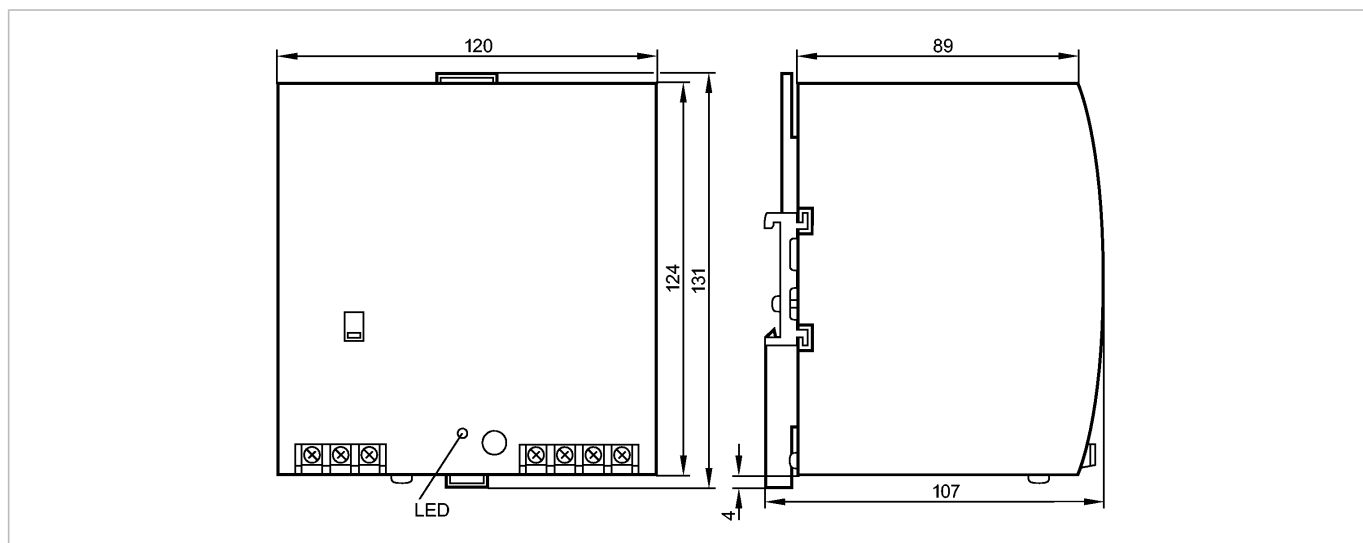
DN2013

POWER SUPPLY/24VDC/10A

Evaluation systems, power supplies

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Product characteristics

Switched-mode power supply 24 V DC

Primary switched mode

Output current 10 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, 240...375 DC
Nominal voltage	[V]	115 / 230 AC
Nominal frequency	[Hz]	47...63
Output voltage	[V]	24...28 DC ($\pm 2\%$ *) to SELV/PELV
Output current	[A]	10
Residual ripple	[mV]	< 30
Switch-on peak current	[A]	< 30
Efficiency	[%]	90
Short-circuit protection		yes
Overload protection		yes
Power-on delay time	[ms]	< 20
Derating	[W/K]	12 (60...70 °C)
Mains buffering time	[ms]	> 20
Protection class		I
Overvoltage protection (OVP) [V]		29

Outputs

Output Output current 10 A, regulated

Environment

Ambient temperature [°C] -10...60

Protection IP 20

Tests / approvals

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EMC	EN 50081-1 EN 61000-6-1 EN 61000-6-2 EN 61000-6-4
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MTTF	[Years]	195
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Mechanical data

Housing materials	aluminum
Installation	rail TH35 (to EN 60715)
Weight [kg]	1.11

Displays / operating elements

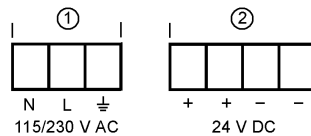
Function display	LED	green: output voltage
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Electrical connection

Connection	terminals 1.5 up to 6 mm ²
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Wiring

1: primary, 2: secondary



Remarks

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