

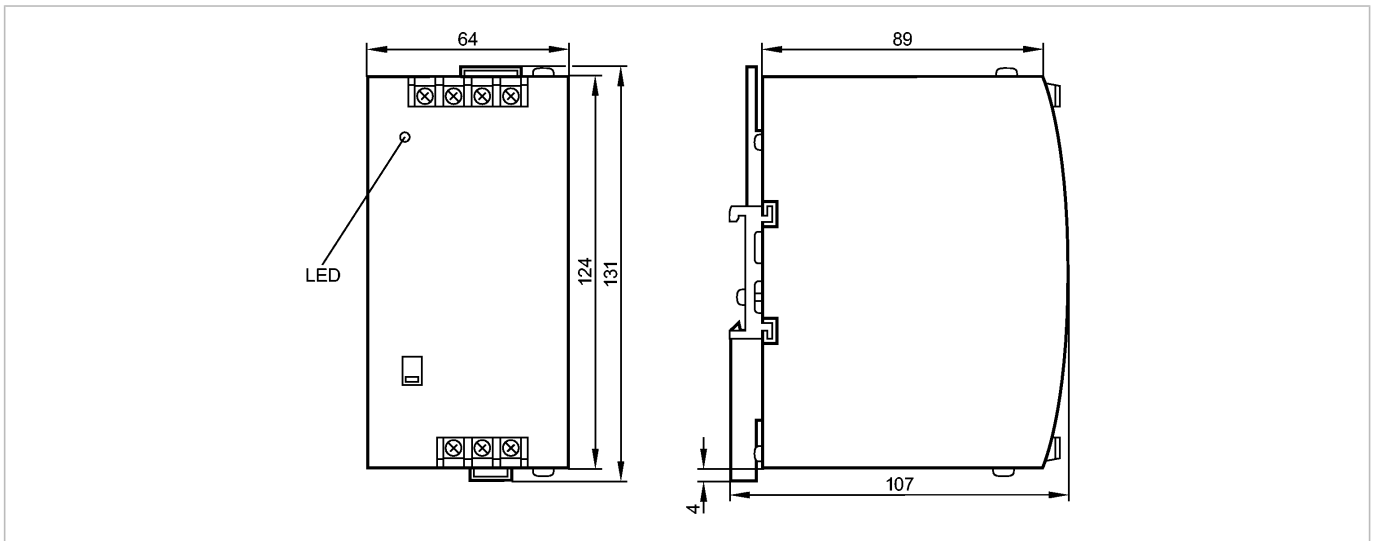
**DN2012**

POWER SUPPLY/24VDC/5A

Evaluation systems, power supplies

**no longer available - archive entry**

**New generation available: DN4012**



**Product characteristics**

Switched-mode power supply 24 V DC

Primary switched mode

Output current 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, 210...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]	5
Residual ripple	[mV]	< 50
Switch-on peak current	[A]	< 15
Efficiency	[%]	90
Short-circuit protection		yes
Overload protection		yes
Power-on delay time	[ms]	< 20
Derating	[W/K]	3 (60...70 °C)
Mains buffering time	[ms]	> 37
Protection class		I
Oversvoltage protection (OVP) [V]		29

**Outputs**

Output Output current 5 A, regulated

**Environment**

Ambient temperature [°C] -10...60

Protection IP 20

**Tests / approvals**

**DN2012**

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EMC	EN 50081-1 EN 61000-6-1 EN 61000-6-2 EN 61000-6-3 EN 61000-6-4
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MTTF	[Years]	241
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**Mechanical data**

Housing materials	aluminium
Installation	rail TH35 (to EN 60715)
Weight	[kg] 0.692

**Displays / operating elements**

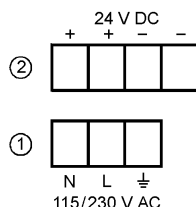
Function display	LED	green: output voltage
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**Electrical connection**

Connection	terminals 1.5 up to 6 mm <sup>2</sup>
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**Wiring**

1: primary, 2: secondary



**Remarks**

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

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