

Article discontinued as of 31.March 2017

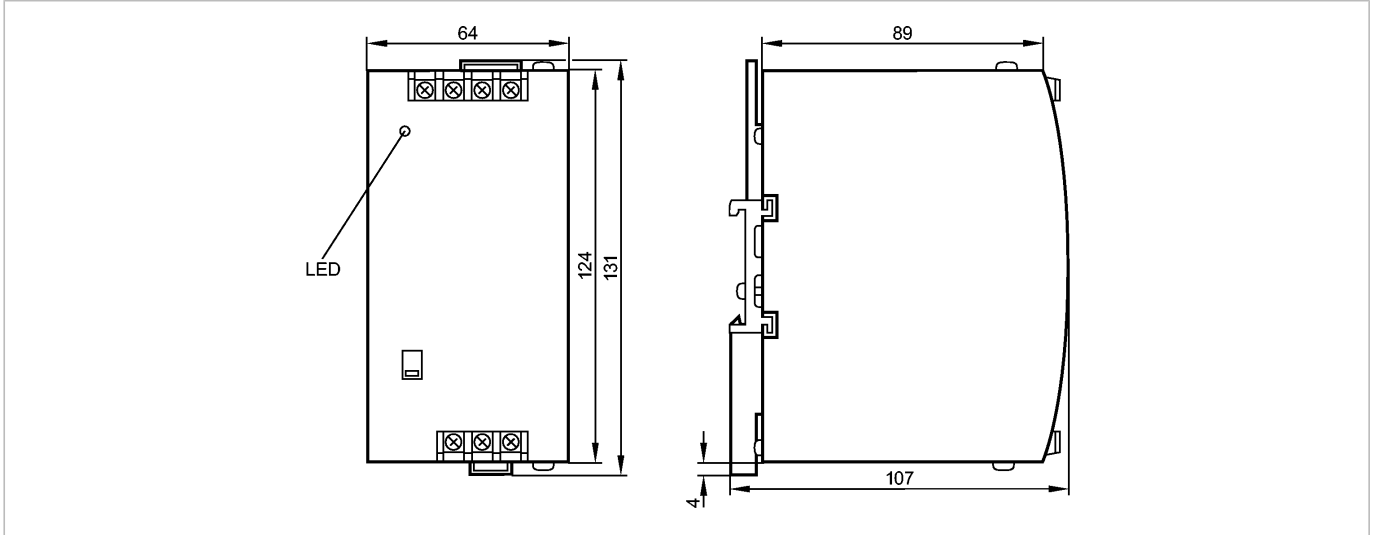
ecomat200

DN2112



POWER SUPPLY/24VDC/4A/CLASS 2

Evaluation systems, power supplies



Product characteristics

Switched-mode power supply 24 V DC

Primary switched mode

Limited power source class 2

Output current 4 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]	4
Residual ripple [%]	< 0.1
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
Overvoltage protection (OVP) [V]	29

Outputs

Output Output current 4 A, regulated

Environment

Ambient temperature [°C] -10...60

Protection IP 20

Tests / approvals

EMC EN 50081-1
EN 61000-6-2

MTTF [Years] 260

Mechanical data

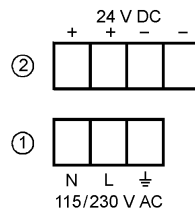
Housing materials aluminum

DN2112 - Switched-mode power supply 24 V DC - eclass: 27049002 / 27-04-90-02

Installation	rail TH35 (to EN 60715)
Weight [kg]	0.696
Displays / operating elements	
Function display LED	green: output voltage
Electrical connection	
Connection	terminals 1.5 up to 6 mm ²

Wiring

1: primary, 2: secondary



Remarks

Remarks	Protection class according to IEC 61140
---------	---

Pack quantity [piece]	1
-----------------------	---

ifm efector, inc. • 1100 Atwater Drive • Malvern • PA 19355 — We reserve the right to make technical alterations without prior notice. — US — DN2112 — 26.11.2004

Article discontinued as of 31.March 2017