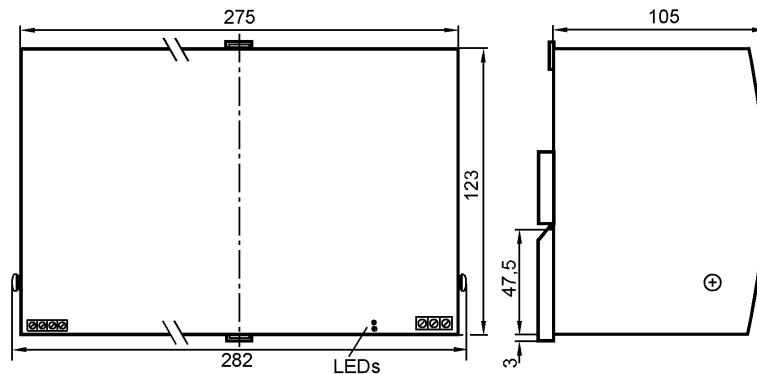


DN2035

POWER SUPPLY/24VDC/40A

Evaluation systems, power supplies

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



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
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Environment

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

Tests / approvals

EMC	EN 50081-1 EN 61000-6-2
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DN2035

POWER SUPPLY/24VDC/40A

Evaluation systems, power supplies

MTTF [Years] 53

Mechanical data

Housing materials aluminum

Installation rail TH35 (to EN 60715)

Weight [kg] 3.462

Displays / operating elements

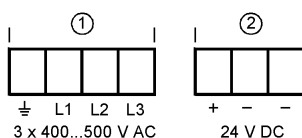
Function display LED green: output voltage; red: lights for overload, flashes for short circuit

Electrical connection

Connection input: terminals 1.5...6 mm², output: terminals 0.5...16 mm²

Wiring

1: primary, 2: secondary



Remarks

Remarks *) adjustable
Protection class according to IEC 61140

Pack quantity [piece] 1

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