

Product characteristics

Switched-mode power supply 24 V DC

Primary switched mode

Output current 30 A, regulated

Application

Application regulated power supply for sensors, actuators, evaluation electronics and plcs

Electrical data

Input voltage range [V]	340...576 AC / 450...820 DC
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]	30
Residual ripple [%]	< 0.1
Switch-on peak current [A]	< 15
Efficiency [%]	93
Short-circuit protection	yes
Overload protection	yes
Power-on delay time [ms]	< 80
Derating [W/K]	18 (60...70 °C)
Mains buffering time [ms]	> 10
Protection class	I
Overvoltage protection (OVP) [V]	32 ($\pm 10\%$)

Outputs

Output Output current 30 A, regulated

Environment

Ambient temperature [°C] -10...60

Protection IP 20

Tests / approvals

EMC EN 50081-1
EN 61000-6-2

MTTF [Years] 49

Mechanical data

Housing materials aluminum

Installation rail TH35 (to EN 60715)

Weight [kg] 2.562

Displays / operating elements

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

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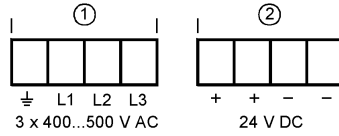
Electrical connection

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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