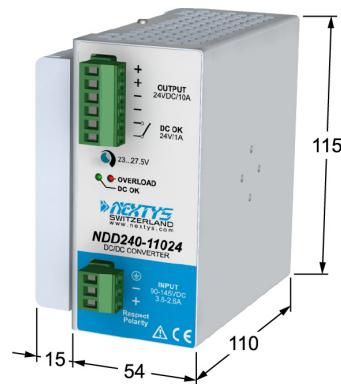


NDD240 – 240W DIN Rail DC/DC Converter

- High efficiency and compact size
- > 125% overload capability
- Wide input voltage range



For reference only



TECHNICAL DATA

NDD240-11024

OUTPUT DATA

Rated voltage	24Vdc
Adj. output voltage range	23...27.5Vdc
Continuous current	10A
Overload limit	15A
Short circuit peak current	21A / 300ms
Load regulation	< 1.5%
Ripple	< 100mVpp
Hold up time	> 4ms
Protections	Overload/short circuit: hiccup Over temperature Overvoltage
Output overvoltage protection	Active > 33Vdc
Parallel connection	Factory provided with internal Oring diode
Status Signals	DC OK – green LED ALARM – red LED Dry contact 1A / 24Vdc

INPUT DATA

Input rated voltage	110Vdc (range 90...148Vdc)
Input current @ nominal Iout	3.6...2.6A
Input overvoltage protection	> 150Vdc active shutdown
Inrush peak current	< 150A / < 2ms
Internal protection fuse	Fuse 5AT / 250Vac
External protection on AC line	MCB 6A C curve

GENERAL DATA

Efficiency	> 89%
Dissipated power	< 27W
Operating temperature	- 20°C...+ 50°C (over temperature protection) - 24W/°C over 45°C
Derating	II
Overvoltage category	2 (IEC 664-1)
Pollution degree	2.2kVdc
Input / output isolation	1.41kVdc
Input / ground isolation	0.75kVdc
Output / ground isolation	
Standards & Approvals	EN60950 (reference), CE marking
EMC Standards	EN61000-6-2, EN61000-6-4
Protection degree	IP20 acc. to EN60529
Connection terminals	2.5mm ² , screw type pluggable (24...12AWG)
Case material	Aluminum
Approx. Weight	0.800kg
Size (W x H x D)	69.0 x 115.0 x 110.0mm
Mounting rail	IEC 60715/H15/TH35-7.5(-15)
Rail mounting information	Vertical, allow 10mm spacing between adjacent items