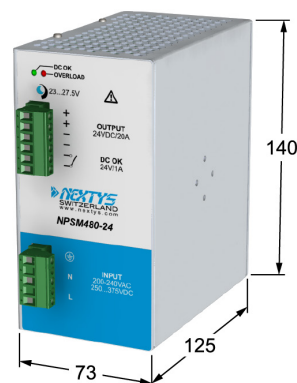


- Active Power Factor Correction
- High efficiency and compact size
- Usable for broad range of industrial, telecom and renewable energy applications



IND.CONT.EQ
4WX9



For reference only

TECHNICAL DATA

NPSM480-24	
OUTPUT DATA	
Rated voltage	24Vdc
Adj. output voltage range	23...27.5Vdc
Continuous current	20A
Overload limit	28A / 5s
Short circuit peak current	50A
Load regulation	< 1 %
Ripple	< 100mVpp
Hold up time (Vin = 230Vac)	> 20ms
Protections	Overload/short circuit: hiccup Over temperature Overvoltage
Output overvoltage protection	> 33Vdc
Parallel connection	Possible with external Oring diode
Status Signals	DC OK – green LED OVERLOAD – red LED Dry contact 1A / 24Vdc
INPUT DATA	
Input rated voltage frequency	AC: 240Vac / 47...63Hz (range 187...264Vac) DC: 250...345Vdc
Input rated current (Vin = 230Vac)	2.5A
Inrush peak current	< 20A
Power factor	> 0.95
Internal protection fuse	None, external fuse must be provided
External protection on AC line	Fuse 6.3AT or MCB 6A C curve or 4A D curve
GENERAL DATA	
Efficiency	> 92%
Dissipated power	< 42W
Operating temperature	- 20°C...+ 60°C (over temperature protection)
Derating	- 16W/°C over 45°C
Overvoltage category	II
Pollution degree	2 (IEC 664-1)
Input / output isolation	4.2kVdc
Input / ground isolation	2.2kVdc
Output / ground isolation	0.75kVdc
Standards & Approvals	UL508, 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	1.0kg
Size (W x H x D)	73.0 x 140.0 x 125.0mm
Mounting rail	IEC 60715/H15/TH35-7.5(-15)
Rail mounting information	Vertical, allow 20mm spacing between adjacent items