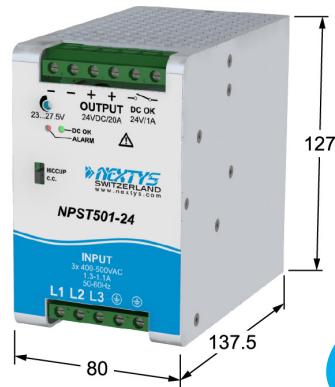


- High efficiency and compact size
- > 150% overload capability
- Constant Current or Hiccup Mode limitation
- Fan less operating
- Easy parallelable for power increase

IND.CONT.EQ  
4WX9

For reference only

**TECHNICAL DATA**

	<b>NPST501-12</b>	<b>NPST501-24</b>	<b>NPST501-48</b>	<b>NPST501-72</b>
<b>OUTPUT DATA</b>				
Rated voltage	12Vdc	24Vdc	48Vdc	72Vdc
Adj. output voltage range	12...15Vdc	23...27.5Vdc	45...55Vdc	72...85Vdc
Continuous current	40A	20A	10A	6.7A
Overload limit	60A / 5s	30A / 5s	15A / 5s	10A / 5s
Short circuit peak current	> 80A / 5s	> 60A / 5s	> 30A / 5s	> 20A / 5s
Load regulation		< 1%		
Ripple		< 100mVpp		
Hold up time (Vin = 400Vac)		> 20ms		
Overload, short circuit, with constant or hiccup mode (user settable)				
Protections		Thermal protection Input Undervoltage lockout		
Output overvoltage protection	> 18Vdc	> 33Vdc	> 60Vdc	> 100Vdc
Parallel connection		Up to 4 units for increased power		
		DC OK – green LED OVERLOAD – red LED Dry contact 1A / 24Vdc		
<b>INPUT DATA</b>				
Input rated voltage frequency	AC: 3 phase, 400...500Vac / 47...63Hz (range 340...550Vac) DC: 470...725Vdc			
Input rated current (Vin = 400Vac)		1.3A		
(Vin = 500Vac)		1.1A		
Inrush peak current (Vin = 400Vac)		< 30A		
Power factor (Vin = 400Vac)		> 0.6		
Internal protection fuse	None, external fuse must be provided			
External protection on AC line	Fuse 3x 6.3AT or 3x MCB 6A C curve			
<b>GENERAL DATA</b>				
Efficiency	> 90%	> 93%	> 95%	
Dissipated power	< 55W	< 36W	< 26W	
Operating temperature	- 20°C...+ 60°C (over temperature protection) - 10W/°C over 50°C			
Derating		II		
Overvoltage category		2 (IEC 664-1)		
Pollution degree		4.2kVdc		
Input / output isolation		2.2kVdc		
Input / ground isolation		0.75kVdc		
Output / ground isolation				
Standards & Approvals	UL508 (certified), EN60950, CE marking			
EMC Standards	EN61000-6-2, EN61000-6-4			
Protection degree	IP20 acc. to EN60529			
Connection terminals	1.5...6mm <sup>2</sup> , screw type (16...10AWG)			
Case material	Aluminum			
Approx. Weight	1.2kg			
Size (W x H x D)	80.0 x 127.0 x 137.5mm			
Mounting rail	IEC 60715/H15/TH35-7.5-(15)			
Rail mounting information	Vertical, allow 50mm spacing between adjacent items			