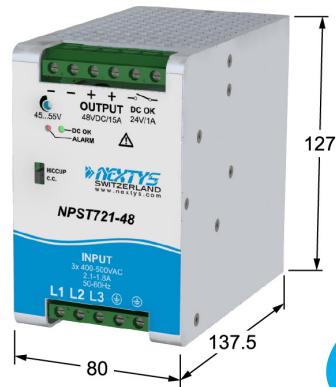


- High efficiency and compact size
- > 150% overload capability
- Constant Current or Hiccup Mode limitation
- Low noise thermal regulated 60mm fan
- Easy parallelable for power increase

IND.CONT.EQ
4WX9

For reference only

TECHNICAL DATA

	NPST721-24	NPST721-48
OUTPUT DATA		
Rated voltage	24Vdc	48Vdc
Adj. output voltage range	23...27.5Vdc	45...55Vdc
Continuous current	30A	15A
Overload limit	45A / 5s	22.5A / 5s
Short circuit peak current	> 80A / 5s	> 45A / 5s
Load regulation	< 1.5%	< 1%
Ripple	< 100mVpp	
Hold up time (Vin = 400Vac)		> 15ms
Protections	Overload, short circuit, with constant or hiccup mode (user settable)	
	Thermal protection	
	Input Undervoltage lockout	
Output overvoltage protection	> 33Vdc	
Parallel connection	Up to 4 units for increased power	
Status Signals	DC OK – green LED ALARM – red LED Dry contact 1A / 24Vdc	
INPUT DATA		
Input rated voltage frequency	AC: 3 phase, 400...500Vac / 47...63Hz (range 340...550Vac) DC: 470...725Vdc	
Input rated current (Vin = 400Vac)	2.1A	
(Vin = 500Vac)	1.8A	
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 10AT or 3x MCB 10A C curve	
GENERAL DATA		
Efficiency	> 92%	> 93%
Dissipated power	< 60W	< 55W
Operating temperature	- 20°C...+ 60°C (over temperature protection)	
Derating	No derating Up to 60°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 (certified), EN60950, CE marking	
EMC Standards	EN61000-6-2, EN61000-6-4	
Protection degree	IP20 acc. to EN60529	
Connection terminals	1.5...6mm ² , 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	