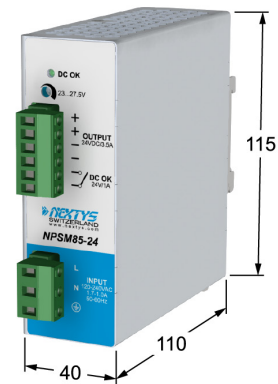


- High efficiency and compact size
- Overload 150%
- Only 40mm width aluminium enclosure



For reference only



IND.CONT.EQ
4WX9



TECHNICAL DATA

	NPSM85-5	NPSM85-24	NPSM85-24P
OUTPUT DATA			
Rated voltage	5Vdc	24Vdc	
Adj. output voltage range	4.75...5.25Vdc	23...27.5Vdc	
Continuous current	8.5A	3.5A	
Overload limit	11A	5A	
Short circuit peak current	20A / 40ms	30A / 50ms	20A / 50ms
Load regulation	< 1%		
Ripple	< 130mVpp	< 20mVpp	
Hold up time (Vin = 120Vac)	> 20ms		
(Vin = 230Vac)	> 50ms		
Protections	Overload/short circuit: hiccup Over temperature Overvoltage		
Output overvoltage protection	> 6.8Vdc	> 33Vdc	
Parallel connection	Possible with external Oring diode		Factory provided with int. Oring diode
Status Signals	DC OK – green LED Dry contact 1A / 24Vdc		
INPUT DATA			
Input rated voltage frequency	AC: 120...240Vac / 47...63Hz (range 85...264Vac) DC: 110...345Vdc		
Input rated current (Vin = 120Vac)	1.0A	1.5A	
(Vin = 230Vac)	0.6A	0.9A	
Inrush peak current	< 25A		
Power factor	> 0.6		
Internal protection fuse	Fuse 2AT / 250V (not user replaceable)		
External protection on AC line	Fuse 4AT or MCB 4A C curve		
GENERAL DATA			
Efficiency	> 75%	> 88%	> 87%
Dissipated power	< 14W	< 11W	< 13W
Operating temperature	- 20°C...+ 70°C (over temperature protection)		
Derating	No derating		
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 header (24...12AWG)		
Case material	Aluminum		
Approx. Weight	0.400kg		
Size (W x H x D)	40.0 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		