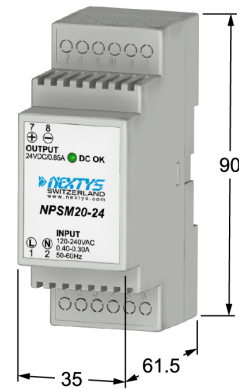


- High efficiency and compact size
- Plastic Enclosure
- Class II (simplified wiring)



For reference only



IND.CONT.EQ
4WX9



TECHNICAL DATA

	NPSM20-12	NPSM20-24
OUTPUT DATA		
Rated voltage	Fixed 12Vdc	Fixed 24Vdc
Continuous current	1.65A	0.85A
Overload limit	Overload (200% In) / short circuit	
Load regulation	< 1%	
Ripple	< 100 mVpp	
Hold up time (Vin = 230Vac)	> 20ms	
Protections	Overload/short circuit: hiccup Over temperature	
Parallel connection	Possible with external Oring diode	
Status Signals	DC OK – green LED	
INPUT DATA		
Input rated voltage frequency	AC: 120...240Vac / 47...63Hz (range 90...264Vac) DC: 110...345Vdc	
Input rated current (Vin = 120Vac)	400mA	
(Vin = 230Vac)	300mA	
Inrush peak current	< 5A	
Power factor	> 0.6	
Internal protection fuse	Fuse 1AT / 250V (internal - not user replaceable)	
External protection on AC line	MCB 2A C curve	
GENERAL DATA		
Efficiency	> 80%	> 83%
Dissipated power	< 4W	
Operating temperature	- 20°C...+ 70°C	
Derating	- 0.5W/°C over 50°C	
Overvoltage category	II	
Pollution degree	2 (IEC 664-1)	
Input / output isolation	4.2kVdc	
Standards & Approvals	UL508, EN60950 (reference), CE marking	
EMC Standards	EN61000-6-4, EN61000-6-2	
Protection degree	IP20 acc. to EN60529	
Connection terminals	2.5mm ² , screw type header (24...12AWG)	
Case material	Flame retardant UL 94 V-0 plastics	
Approx. Weight	0.100kg	
Size (W x H x D)	35.0 x 90.0 x 61.5mm	
Mounting rail	IEC 60715/H15/TH35-7.5(-15)	
Rail mounting information	Vertical, allow 10mm spacing between adjacent items	