

NDR Series 75~480W Slim & Economical DIN Rail Series



Power Supply Features

- Smaller, lower cost replacement for DR range!
- Universal AC input / Full range
- Built-in active PFC function (NDR-240/480)
- High efficiency up to 92.5%
- Protection: Short circuit / Overload / Over voltage / Over temperature
- Cooling by free air convection
- Can be installed on DIN rail TS-35/7.5 or 15
- UL508 (industrial control equipment) approved
- EN61000-6-2 (EN50082-2) industrial immunity level
- 100% full load burn-in test
- LED indicator for power on
- **3 year warranty**

General Specifications (please refer to www.procontech.com.au for detailed specs)



Model No.	NDR-75	NDR-120	NDR-240	NDR-480
AC input voltage range	90~264VAC; 127~370VDC			
AC inrush current (max)	Cold start, 35A at 230VAC			
DC adjustment range	12V: 12~14V, 24V: 24~28V, 48V: 48~55V			
Overload protection	Range	105~130%		
	Type	Constant current limiting, auto-recovery		
Over voltage protection	Range	12V: 14~17V, 24V: 29~33V, 48V: 56~65V		
	Type	Shut down o/p voltage, re-power on to recover		
Over temperature protection	Shut down o/p voltage, re-power on to recover		Shut down o/p voltage, auto-recovery	
Withstand voltage	I/P-O/P: 3kVAC, I/P-FG: 2kVAC, O/P-FG: 0.5kVAC			
Working temperature	- 20°C ~ +70°C (refer to output derating curve)			
Safety standards	UL508 , TUV EN60950-1, EAC TP TC 004 approved; (meets EN60204-1)			
EMC standards	EN55032 (CISPR32), EN61304-3 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, EN61000-6-2 (EN50082-2), EN61204-3, EAC TP TC 020			
Connection	I/P: 3 pole, O/P: 4 pole screw terminals			
Dimensions (WxHxD)	32x125.2x102mm	40x125.2x113.5mm	63x125.2x113.5mm	85.5x125.2x128.5mm
Case No.	221B	992D	979C	984D
Weight	0.51kg	0.6kg	1kg	1.5kg

NDR-75 Series



Model No.	Output	Tol.	R&N	Eff.
NDR-75-12	12V, 0~6.3A	±2.0%	100mV	85.5%
NDR-75-24	24V, 0~3.2A	±1.0%	150mV	88.0%
NDR-75-48	48V, 0~1.6A	±1.0%	240mV	89.0%

NDR-240 Series



Model No.	Output	Tol.	R&N	Eff.
NDR-240-24	24V, 0~10A	±1.0%	150mV	88.5%
NDR-240-48	48V, 0~5A	±1.0%	150mV	90.0%

NDR-120 Series



Model No.	Output	Tol.	R&N	Eff.
NDR-120-12	12V, 0~10A	±2.0%	100mV	85.5%
NDR-120-24	24V, 0~5A	±1.0%	120mV	88.0%
NDR-120-48	48V, 0~2.5A	±1.0%	150mV	89.0%

NDR-480 Series



Model No.	Output	Tol.	R&N	Eff.
NDR-480-24	24V, 0~20A	±1.0%	150mV	92.5%
NDR-480-48	48V, 0~10A	±1.0%	150mV	92.5%