



75-480W Single Output Industrial

- ◆ Universal AC input / Full range
- ◆ Protections: Short circuit / Overload / Over voltage/ Over temperature
- ◆ Cooling by free air convection
- ◆ Can be installed on DIN rail TS-35/7.5 or 15
- ◆ UL 508 (industrial control equipment) approved
- ◆ EN61000-6-2(EN50082-2) industrial immunity level
- ◆ 100% full load burn-in test
- ◆ 2 years warranty

General Specification

| Model No. | NDR-75 | NDR-120 | NDR-240 | NDR-480 |
|-------------------------|--|--|--------------------|--|
| AC input voltage range | 90 ~ 264VAC 127 ~ 370VDC | | | 176~264VAC 240~370VDC |
| AC inrush current(max.) | Cold start 20A/115VAC 35A/230VAC | | | Cold start 27A/115V 45A/230V |
| DC adjustment range | 12 ~ 14V | 24 ~ 28V | 48 ~ 55V | 21-28V 43-53V |
| OLP | Range | 105 ~ 130% rated output power | | |
| | Type | Protection type : Constant current limiting, recovers automatically after fault condition is removed | | |
| OVP | Range | 14 ~ 17V | 29 ~ 33V | 56 ~ 65V |
| | Type | Protection type : Shut down o/p voltage, re-power on to recover | | |
| Withstand voltage | I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC | | | I/P-O/P: 3KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC |
| Working temperature | -20 ~ +70°C (Refer to "Derating Curve") | | | |
| Vibration | Component:10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes; Mounting: Compliance to IEC60068-2-6 | | | |
| Safety standards | UI508, TUV EN62368-1, EAC TP TC 004, BSMI CNS14336-1 approved;(meet EN60204-1) | | | |
| EMC standards | Compliance to EN55032 (CISPR32), EN61204-3 Class B, EN61000-3-2,-3, EAC TP TC 020, CNS13438 | | | |
| Connection | I/P: 3 poles, O/P:4 poles screw DIN terminal | | | |
| Dimension(W*H*D)(mm) | 32 x 125.2 x 102 | 40 x 125.2 x 113.5 | 63 x 125.2 x 113.5 | 125.5 x 125.2 x 100 |
| Packing | 0.51kg/pcs | 0.6kg/pcs | 1kg/pcs | 1.3kg/pcs |

NDR-75 Series

| Model No. | Output | Tol. | R&N | Effi. |
|-----------|------------|------|-------|--------|
| NDR-75-12 | 12V,0~6.3A | ±2% | 80mV | 85.50% |
| NDR-75-24 | 24V,0~3.2A | ±1% | 120mV | 88% |
| NDR-75-48 | 48V,0~1.6A | ±1% | 150mV | 89% |

NDR-120 Series

| Model No. | Output | Tol. | R&N | Effi. |
|------------|------------|------|-------|--------|
| NDR-120-12 | 12V,0~10A | ±2% | 80mV | 85.50% |
| NDR-120-24 | 24V,0~5A | ±1% | 120mV | 88% |
| NDR-120-48 | 48V,0~2.5A | ±1% | 120mV | 89% |

NDR-240 Series

| Model No. | Output | Tol. | R&N | Effi. |
|------------|-----------|------|-------|-------|
| NDR-240-24 | 24V,0~10A | ±1% | 150mV | 84% |
| NDR-240-48 | 48V,0~5A | ±1% | 150mV | 85% |

NDR-480 Series

| Model No. | Output | Tol. | R&N | Effi. |
|------------|-----------|------|-------|-------|
| NDR-480-24 | 24V,0~20A | ±1% | 240mV | 84% |
| NDR-480-48 | 48V,0~10A | ±1% | 480mV | 85% |