# DIN Series

## 75~150W Slim and Economical



EDR-75 EDR-120 EDR-150

## Features

- Universal AC input / Full range
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Cooling by free air convection
- DC output voltage adjustable
- Can be installed on DIN rail TS-35 / 7.5 or 15
- UL508 (industrial control equipment) listed
- EN61000-6-2 (EN50082-2) industrial immunity level
- Low cost
- 2 years warranty

## General Specification (Please refer to www.meanwell.com for detail spec.)

| Model No. | | EDR-75 | EDR-120 | EDR-150 |
|---|---|---|---|---|
| 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 | | 24V: 29~33V |
| | Type | Shut down o/p voltage, re-power on to recover | | |
| Over temperature protection | | 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 | | |
| Working temperature | | -20~+60°C (refer to output derating curve) | | |
| Safety standards | | UL508, TUV EN60950-1 approved | | |
| EMC standards | | EN55032 classA, EN61000-3-2(125W for EDR-150),3, EN61000-4-2,3,4,5,6,8,11, EN61000-6-2(EN50082-2) | | |
| Connection (screw DIN terminal) | | I/P: 3 poles, O/P: 4 poles | | |
| Dimension (WxHxD)(mm) | | 32x 125.2x 102 | 40x 125.2x 113.5 | |
| Case No. | | 221B | 992D | |

### 75W EDR-75

| Model No. | Output | Tol. | R&N | Effi. |
|---|---|---|---|---|
| EDR-75-12 | 12V, 0~6.3A | ±2.0% | 80mV | 85.5% |
| EDR-75-24 | 24V, 0~3.2A | ±1.0% | 120mV | 87.5% |
| EDR-75-48 | 48V, 0~1.6A | ±1.0% | 150mV | 88.5% |

### 120W EDR-120

| Model No. | Output | Tol. | R&N | Effi. |
|---|---|---|---|---|
| EDR-120-12 | 12V, 0~10A | ±2.0% | 100mV | 85.0% |
| EDR-120-24 | 24V, 0~5A | ±1.0% | 120mV | 87.5% |
| EDR-120-48 | 48V, 0~2.5A | ±1.0% | 150mV | 88.5% |

### 150W EDR-150

| Model No. | Output (230VAC/115VAC) | Tol. | R&N | Effi. |
|---|---|---|---|---|
| EDR-150-24 | 24V, 0~6.5A / 0~5.2A | ±1.0% | 150mV | 87% |

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