

## IDSR Series Indicator® POWR-PRO® Class RK5 Fuse

600 V AC/DC • Time-Delay • 1/10 – 600 Amperes



The Littelfuse IDSR Indicator fuse offers a patented solid-state design and provides state-of-the-art reliability along with the convenience of blown fuse indication. The unique design of the IDSR also features a 600 volt AC/DC rating making it ideal for DC applications.

Money is wasted each time a circuit opens and halts production. The indicator window of the IDSR allows maintenance personnel to pinpoint blown fuses immediately. The circuit can then be tested and any problem corrected without unnecessary delay, minimizing costly downtime.

### Applications

DC circuits  
All general purpose circuits  
Motors  
Transformers  
Solenoids  
Fluorescent lighting  
All system components with high in-rush currents

### Features/Benefits

- Superior Performance – Littelfuse leading edge metallurgy eliminates all moving parts in a true dual-element design. The IDSR also provides superior time-delay to withstand minor current surges without sacrificing protection for sustained overloads or short-circuit conditions.
- 600 Volt AC/DC Rating – The IDSR is UL Listed for 600 volts AC/DC, which makes it ideal for a variety of applications. It is also MSHA approved.
- Reduce Downtime – Costly downtime is minimized using Littelfuse Indicator fuses. A glance at the indicator window tells if the fuse has blown. If the window is dark, the fuse has opened. It's that simple.
- Increase Safety – Littelfuse Indicator Fuses minimize exposure to "live" circuit parts while searching for a blown fuse. Other forms of indication require current to power a light. Littelfuse Indicator fuses can be identified with the power off.

### Specifications

|                              |                                                                                                                             |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Voltage Ratings:</b>      | AC: 600 Volts<br>DC: 600 Volts                                                                                              |
| <b>Interrupting Ratings:</b> | AC: 200,000 amperes rms symmetrical<br>300,000 amperes rms symmetrical<br>(Littelfuse self-certified)<br>DC: 20,000 amperes |
| <b>Ampere Range:</b>         | 1/10 – 600 amperes                                                                                                          |
| <b>Approvals:</b>            | Standard 248-12 and UL 198M, Class RK5<br>UL Listed (File No: E81895)<br>CSA Certified (File No: LR29862)                   |

### Dimensions

Please refer to the FLSR\_ID dimensions.

### Ampere Ratings

|        |        |        |        |        |    |     |     |
|--------|--------|--------|--------|--------|----|-----|-----|
| 1/10   | 6/10   | 1 8/10 | 4      | 8      | 30 | 80  | 225 |
| 1/8    | 9/10   | 2      | 4 1/2  | 9      | 35 | 90  | 250 |
| 15/100 | 1      | 2 1/4  | 5      | 10     | 40 | 100 | 300 |
| 2/10   | 1 1/8  | 2 1/2  | 5 5/10 | 12     | 45 | 110 | 350 |
| 1/4    | 1 1/4  | 2 9/10 | 6      | 15     | 50 | 125 | 400 |
| 3/10   | 1 1/10 | 3      | 6 1/4  | 17 1/2 | 60 | 150 | 450 |
| 4/10   | 1 1/2  | 3 2/10 | 7      | 20     | 70 | 175 | 500 |
| 1/2    | 1 6/10 | 3 1/2  | 7 1/2  | 25     | 75 | 200 | 600 |

Example part number (series & amperage): IDSR 30

*Note: All fuses rated 1 amp and above are Indicator® fuses.*

### Recommended Fuse Blocks

LR600 series

Refer to the Blocks & Holders section of this catalog for additional information. Contact Littelfuse for characteristic curves.