

## **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**

**Voltage Ratings:** AC: 600 Volts  
DC: 600 Volts

**Interrupting Ratings:** AC: 200,000 amperes rms symmetrical  
300,000 amperes rms symmetrical (Littelfuse self-certified)

DC: 20,000 amperes

**Ampere Range:** 1/10 – 600 amperes

**Approvals:** Standard 248-12 and UL 198M, Class RK5  
UL Listed (File No: E81895)  
CSA Certified (File No: LR29862)  
MSHA 600 Volt Listing

### **Dimensions**

Please refer to the FLSR\_ID dimensions.

### **Ampere Ratings**

1/10	6/10	1 9/10	4	8	30	80	225
1/8	3/10	2	4 1/2	9	35	90	250
15/100	1	2 1/4	5	10	40	100	300
3/10	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.