

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	9/10	2	4 1/2	9	35	90	250
1 5/100	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 3/10	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.

Mouser Electronics

Authorized Distributor

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Littelfuse:

<u>IDSR17.5T</u>	<u>IDSR1.12T</u>	<u>IDSR.200T</u>	<u>IDSR075.V</u>	<u>IDSR02.5T</u>	<u>IDSR04.5T</u>	<u>IDSR01.6T</u>	<u>IDSR009.T</u>	<u>IDSR035.T</u>
<u>IDSR450.X</u>	<u>IDSR600.X</u>	<u>IDSR.100T</u>	<u>IDSR175.X</u>	<u>IDSR150.X</u>	<u>IDSR300.X</u>	<u>IDSR01.4T</u>	<u>IDSR110.X</u>	<u>IDSR200.X</u>
<u>IDSR060.T</u>	<u>IDSR01.5T</u>	<u>IDSR6.25T</u>	<u>IDSR005.T</u>	<u>IDSR.600T</u>	<u>IDSR03.2T</u>	<u>IDSR012.T</u>	<u>IDSR001.T</u>	<u>IDSR025.T</u>
<u>IDSR03.5T</u>	<u>IDSR.400T</u>	<u>IDSR007.T</u>	<u>IDSR090.V</u>	<u>IDSR400.X</u>	<u>IDSR015.T</u>	<u>IDSR2.25T</u>	<u>IDSR.500T</u>	<u>IDSR07.5T</u>
<u>IDSR01.8T</u>	<u>IDSR1.25T</u>	<u>IDSR030.T</u>	<u>IDSR004.T</u>	<u>IDSR.150T</u>	<u>IDSR.800T</u>	<u>IDSR002.T</u>	<u>IDSR02.8T</u>	<u>IDSR100.V</u>
<u>IDSR008.T</u>	<u>IDSR020.T</u>	<u>IDSR080.V</u>	<u>IDSR070.V</u>	<u>IDSR010.T</u>	<u>IDSR250.X</u>	<u>IDSR350.X</u>	<u>IDSR045.T</u>	<u>IDSR040.T</u>
<u>IDSR050.T</u>	<u>IDSR125.X</u>	<u>IDSR.300T</u>	<u>IDSR500.X</u>	<u>IDSR.250T</u>	<u>IDSR05.6T</u>	<u>IDSR006.T</u>	<u>IDSR225.X</u>	<u>IDSR003.T</u>