

FUSES & CIRCUIT PROTECTION

Littelfuse-451/453系列保險絲 Littelfuse-451/453 Fuse Series



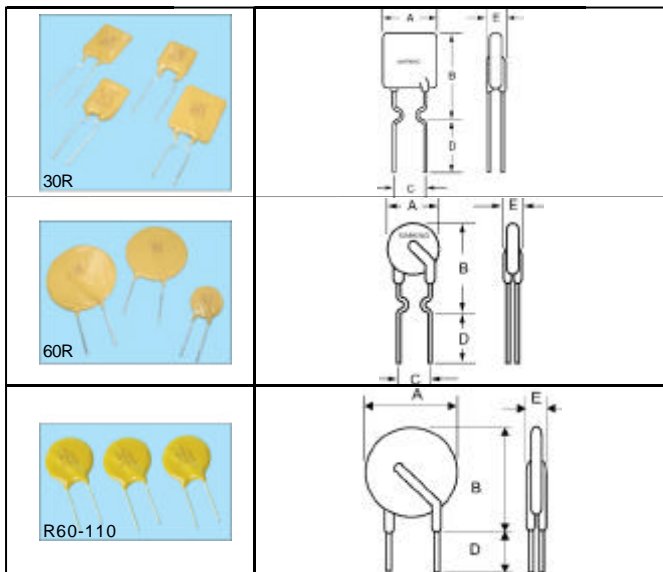
詳細產品規格--請點擊www.100y.com.tw

AGENCY FILE NUMBERS: ULE10480, CSALR29862.
ENVIRONMENTAL SPECIFICATIONS:
Operating Temperature: -55 to 125 °C
Shock: MIL-STD-202, Method 213, Test Condition I (100G's peak for 6 milliseconds).
Vibration: MIL-STD-202, Method 201 (10-55Hz).
Salt Spray: MIL-STD-202, Method 101, Test Condition B.
Insulation Resistance (After Opening): MIL-STD-202, Method 302, Test Condition A, (10,000 ohm minimum).
Resistance to Soldering Heat: MIL-STD-202, Method 210, Test Condition B (10 sec. at 260 °C).
Thermal Shock: MIL-STD-202, Method 107, Test Condition B (-65 to 125 °C).

Moisture Resistance: MIL-STD-202, Method 106, High Humidity (90-98RH), Heat (65 °C).

Part No.	Product No.	Manuf.	Description	Size	Volt	Current (A)
24679	R4511.25MRL	Littelfuse	Very Fast-Acting 451/453 Series	6.1*2.69*2.69mm	125V	1.25A

Littelfuse-30R/60R自復式保險絲 Littelfuse-30R/60R Resettable PTCs



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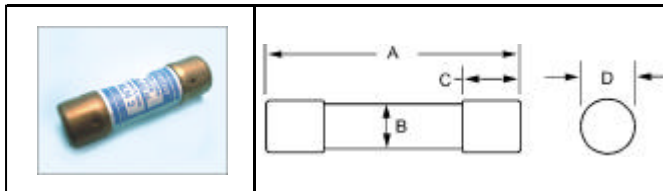
The 30R Series Resettable devices utilize a unique polymer-based, Positive Temperature Coefficient (PTC) material to protect electrical circuits against overcurrent conditions. In normal operation, the 30R Series PTC has many conductive paths and a very low resistance. In an overcurrent condition, the temperature of the polymer material rises. This dramatically reduces the conductive paths resulting in an immediate rise in resistance. In this condition, the device provides circuit protection by significantly limiting the flow of current. However, once the cause of the initial overcurrent condition is eliminated, the 30R Series PTC cools down and resets to a low resistance value, permitting the normal current flow to resume. The 30R Series is a 30V Radial Leaded Device with a 40A Short Circuit Rating. The 60R Series Resettable devices utilize a unique polymer-based, Positive Temperature Coefficient (PTC) material to protect electrical circuits against overcurrent conditions. In normal operation, the 60R Series PTC has many conductive paths and a very low resistance. In an overcurrent condition, the temperature of the polymer material rises. This dramatically reduces the conductive paths resulting in an immediate rise in resistance. In this condition, the device provides circuit protection by significantly limiting the flow of current. However, once the cause of the initial overcurrent condition is eliminated, the 60R Series PTC cools down and resets to a low resistance value, permitting the normal current flow to resume. The 60R Series is a 60V Radial Leaded Device with a 40A Short Circuit Rating.

Features
 Radial Leaded Devices
 Cured, flame retardant epoxy polymer insulating material meets UL 94V-0 requirements
 Bulk packaging, or tape and reel available on most models
 Agency recognition: UL/CSA/TUV approved

Applications
 Industrial controls Automotive electronics Medical product

Part No.	Product No.	Manuf.	Description	Size A*B*C (mm)	Ih (A)	Vdc (max.)	Ril/Rat ()	I max. (A)	AWG
18039	30R135	Littelfuse	自復式保險絲	8.89*13.46*5.08	1.35A	30Vdc	0.04/0.13	40A	24AWG
18040	30R160	Littelfuse	自復式保險絲	8.89*15.42*5.08	1.6A	30Vdc	0.03/0.11	40A	24AWG
18041	30R185	Littelfuse	自復式保險絲	10.16*15.75*5.08	1.85A	30Vdc	0.03/0.09	40A	24AWG
18042	30R250	Littelfuse	自復式保險絲	11.43*18.29*5.08	2.5A	30Vdc	0.02/0.07	40A	24AWG
18043	60R110	Littelfuse	自復式保險絲	12.95*18.0*5.308	1.1A	60Vdc	0.15/0.38	40A	20AWG
18044	60R300	Littelfuse	自復式保險絲	24.89*29.97*10.16	3A	60Vdc	0.04/0.1	40A	20AWG
18045	60R375	Littelfuse	自復式保險絲	28.45*33.53*10.16	3.75A	60Vdc	0.03/0.08	40A	20AWG
25707	R60-110	sea-land	自復式保險絲	12.95*18.0*5.308	1.1A	60Vdc	0.15/0.38	40A	20AWG

Littelfuse-NLN/NLS系列保險絲 Littelfuse-NLN/NLS Fuse Series



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SPECIFICATIONS
Voltage Ratings: AC: 250 Volts
 DC: 250 Volts (NLN)
Interrupting Ratings:
 AC: 50,000 amperes rms symmetrical DC: 20,000 amperes
Ampere Range: 1600 amperes
Approvals: Standard 248-9, Class K5 ULL listed (File No: E81895)
 CSA Certified (File No: LR29862)**
Excludes NLN15-60A
 ULL listed (File No: E81895) CSA Certified (File No: LR29865)
 Meets CSA "Type P" requirements

APPLICATIONS
 General purpose residential and commercial circuits with little or no motor load. Resistive heating loads.

Part No.	Product No.	Manuf.	Description	Size	Current (A)	Volt	IR (A)
26889	NLN1	Littelfuse	NLN-ONE-TIME 保險絲	50.8*14.3mm	1A	250Vac/dc	50kAac/20kAdc

