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CLASS CC KLKR SERIES FUSES

600 VAC • 300 VDC • Fast-Acting • 1/10-30 A



Description

KLKR Series Class CC fuses are fast-acting fuses intended for general purpose branch circuit protection. Their compact size, fast-acting overload response, and highly current-limiting design make them ideal for use in OEM equipment and control panels.

Features/Benefits

- Meets UL and CSA standards
- Class CC fuses are the smallest 600 V, 200,000 A.I.R. fuses approved for branch circuit protection
- Rejection feature prevents use of fuses with lower interrupting ratings or voltage ratings when used with corresponding fuse holders
- Extremely current limiting reduces damage caused by heating and magnetic effects of short-circuit currents

Applications

- General purpose protections for equipment requiring fast overload protection

Specifications

| | |
|----------------------------|--|
| Voltage Rating | AC: 600 V DC: 300 V |
| Amperage Rating | 1/10 – 30 A |
| Interrupting Rating | AC: 200 kA rms symmetrical DC: 20 kA |
| Material | Body: Melamine Caps: Nickel-plated Bronze |
| Fuse Weight | 1/10 – 1 A: .030 lb (13.61g) 1 1/2 – 30 A: .034 lb (15.42g) |
| Approvals | AC: Standard 248-4, Class CC UL Listed 1/10-30 A (File: E81895) CSA Certified 1/10-30 A (File: LR29862) DC: Littelfuse self-certified |
| Environmental | RoHS Compliant |
| Country of Origin | Mexico |

Ordering Information

| AMPERAGE RATINGS | | | | |
|------------------|-------|-------|----|----|
| 1/10 | 1/2 | 2 1/2 | 6 | 12 |
| 1/8 | 3/4 | 3 | 7 | 15 |
| 2/10 | 1 | 3 1/2 | 8 | 20 |
| 1/4 | 1 1/2 | 4 | 9 | 25 |
| 3/10 | 2 | 5 | 10 | 30 |

| AMPERAGE | PART NUMBER | ORDERING NUMBER |
|----------|-------------|-----------------|
| 12 | KLKR 12 | KLKR012.T |

Web Resources

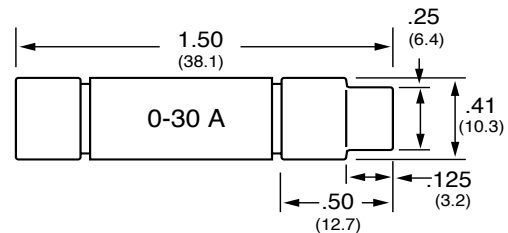
For additional informations, visit:

www.littelfuse.com/klkr

Recommended Fuse Holders

L60030C Series
LPSC Touch-Safe Series

Dimensions Inches (mm)



CLASS CC KLKR SERIES FUSES

Electrical Specifications

| ORDERING NUMBER | AMPERAGE RATING | VOLTAGE RATING | | INTERRUPTING RATING | | WATTS LOSS AT 100% RATED CURRENT (W) | WATTS LOSS AT 80% RATED CURRENT (W) | TOTAL CLEARING I ² T (A ² SEC) 200 kA | AGENCY APPROVALS | | RoHS |
|-----------------|-----------------|----------------|-----|---------------------|-------|--------------------------------------|-------------------------------------|---|------------------|-----|------|
| | | AC | DC | AC | DC | | | | UL | VDE | |
| KLKR001.T | 1 | 600 | 300 | 200 kA | 20 kA | 0.20 | 0.38 | 80 | • | • | • |
| KLKR006.T | 6 | 600 | 300 | 200 kA | 20 kA | 0.77 | 1.36 | 210 | • | • | • |
| KLKR012.T | 12 | 600 | 300 | 200 kA | 20 kA | 0.83 | 1.58 | 6520 | • | • | • |
| KLKR030.T | 30 | 600 | 300 | 200 kA | 20 kA | 2.10 | 3.75 | 1720 | • | • | • |

Peak Let-Thru Curve

