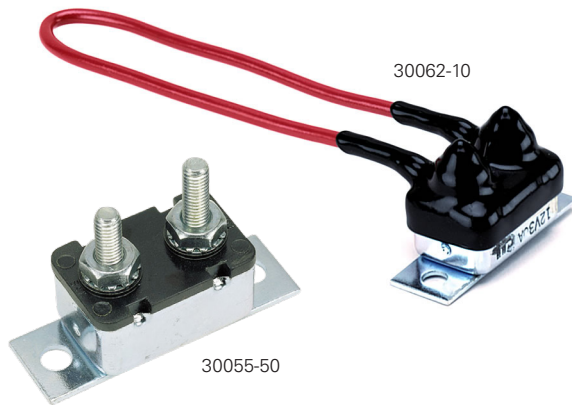


BOX STYLE CIRCUIT BREAKERS

8-50A • 12V and 24V DC



Description

Circuit Breakers are a cost-effective method to ensure repeatable, reliable circuit protection. Meant to assist with systems that may be exposed frequently to overcurrents, or where replacing fuses may not be feasible, these products are critical components for protecting wiring, electrical equipment, and vehicle subsystems. Available in multiple current ratings, waterproof configurations, and mounting styles, our Box Style Circuit Breakers are a flexible solution for many environments.

Ordering Information

| PART NUMBERS | | | CURRENT RATING | VOLTAGE RATING | RESET TYPE | HOUSING MATERIAL | MOUNTING METHOD | TERMINALS |
|--------------|-------------|-------------|----------------|----------------|------------|------------------|---------------------|-----------------|
| BULK | BOXED | RETAIL | | | | | | |
| 30055-8 | – | – | 8 | 12 | Type I | Plated Steel | Bolt-Down (Bracket) | Two 10-32 Studs |
| 30055-10 | 30055-10-BX | – | 10 | 12 | Type I | Plated Steel | Bolt-Down (Bracket) | Two 10-32 Studs |
| 30055-15 | 30055-15-BX | 30055-15-BP | 15 | 12 | Type I | Plated Steel | Bolt-Down (Bracket) | Two 10-32 Studs |
| 30055-20 | 30055-20-BX | 30055-20-BP | 20 | 12 | Type I | Plated Steel | Bolt-Down (Bracket) | Two 10-32 Studs |
| 30055-25 | 30055-25-BX | | 25 | 12 | Type I | Plated Steel | Bolt-Down (Bracket) | Two 10-32 Studs |
| 30055-30 | 30055-30-BX | 30055-30-BP | 30 | 12 | Type I | Plated Steel | Bolt-Down (Bracket) | Two 10-32 Studs |
| 30055-40 | 30055-40-BX | 30055-40-BP | 40 | 12 | Type I | Plated Steel | Bolt-Down (Bracket) | Two 10-32 Studs |
| 30055-50 | 30055-50-BX | 30055-50-BP | 50 | 12 | Type I | Plated Steel | Bolt-Down (Bracket) | Two 10-32 Studs |
| 30056-10 | 30056-10-BX | – | 10 | 12 | Type I | Plated Steel | Terminal | Two 10-32 Studs |
| 30056-15 | 30056-15-BX | – | 15 | 12 | Type I | Plated Steel | Terminal | Two 10-32 Studs |
| 30056-20 | 30056-20-BX | – | 20 | 12 | Type I | Plated Steel | Terminal | Two 10-32 Studs |
| 30056-25 | 30056-25-BX | – | 25 | 12 | Type I | Plated Steel | Terminal | Two 10-32 Studs |

Applications

- Underhood or chassis-mounted circuit secondary protection
- Secondary application motors (winches, auxiliary batteries, etc.)

Features/Benefits

- Automatic, cycling, and manual reset versions available
- Weather-resistant sealing, as noted
- In-Line or bracket mountings (mounting nut included, where applicable)

Recommended/Related Products

- **Mounting Brackets:** 30090-x



- **Busbars:** 86099-x, 86126-x



Web Resources

Download installation instructions, 2D prints and technical resources at: littelfuse.com/boxstylecb

BOX STYLE CIRCUIT BREAKERS

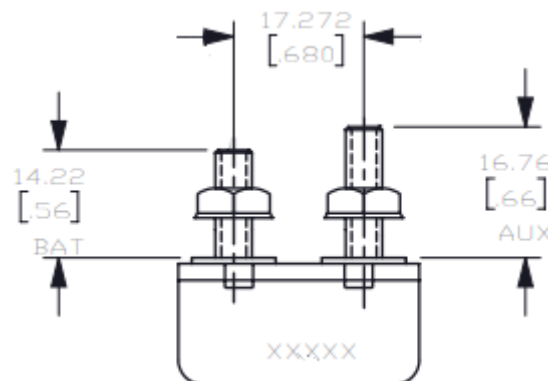
| PART NUMBERS | | | CURRENT RATING | VOLTAGE RATING | RESET TYPE | HOUSING MATERIAL | MOUNTING METHOD | TERMINALS |
|--------------|-------------|------------|----------------|----------------|------------|----------------------------|---------------------------|-----------------|
| BULK | BOXED | RETAIL | | | | | | |
| 30056-30 | 30056-30-BX | – | 30 | 12 | Type I | Plated Steel | Terminal | Two 10-32 Studs |
| 30056-40 | 30056-40-BX | – | 40 | 12 | Type I | Plated Steel | Terminal | Two 10-32 Studs |
| 30056-50 | 30056-50-BX | – | 50 | 12 | Type I | Plated Steel | Terminal | Two 10-32 Studs |
| 30062-10 | – | – | 10 | 12 | Type I | Hencol-Dipped Plated Steel | Terminal | 17AWG Wire Lead |
| 30062-20 | 30062-20-BX | – | 20 | 12 | Type I | Hencol-Dipped Plated Steel | Terminal | 15AWG Wire Lead |
| 30062-30 | 30062-30-BX | – | 30 | 12 | Type I | Hencol-Dipped Plated Steel | Terminal | 13AWG Wire Lead |
| 30062-40 | – | – | 40 | 12 | Type I | Hencol-Dipped Plated Steel | Terminal | 13AWG Wire Lead |
| 30063-10 | – | – | 10 | 12 | Type I | Hencol-Dipped Plated Steel | Terminal | 17AWG Wire Lead |
| 30063-20 | 30063-20-BX | – | 20 | 12 | Type I | Hencol-Dipped Plated Steel | Terminal | 15AWG Wire Lead |
| 30063-30 | – | – | 30 | 12 | Type I | Hencol-Dipped Plated Steel | Terminal | 13AWG Wire Lead |
| 30128-10 | 30128-10-BX | – | 10 | 12 | Type I | Plated Steel | Bolt-Down Cross-Bracket) | Two 10-32 Studs |
| 30128-15 | 30128-15-BX | – | 15 | 12 | Type I | Plated Steel | Bolt-Down (Cross-Bracket) | Two 10-32 Studs |
| 30128-20 | 30128-20-BX | 0813020.XP | 20 | 12 | Type I | Plated Steel | Bolt-Down (Cross-Bracket) | Two 10-32 Studs |
| 30128-25 | 30128-25-BX | – | 25 | 12 | Type I | Plated Steel | Bolt-Down (Cross-Bracket) | Two 10-32 Studs |
| 30128-30 | 30128-30-BX | 0813030.XP | 30 | 12 | Type I | Plated Steel | Bolt-Down (Cross-Bracket) | Two 10-32 Studs |
| 30128-40 | 30128-40-BX | 0813040.XP | 40 | 12 | Type I | Plated Steel | Bolt-Down (Cross-Bracket) | Two 10-32 Studs |
| 30128-50 | – | 0813050.XP | 50 | 12 | Type I | Plated Steel | Bolt-Down Cross-Bracket) | Two 10-32 Studs |
| 30137-10 | – | – | 10 | 12 | Type I | Hencol-Sealed Plated Steel | Terminal | Two 10-32 Studs |
| 30137-15 | 30137-15-BX | – | 15 | 12 | Type I | Hencol-Sealed Plated Steel | Terminal | Two 10-32 Studs |
| 30137-20 | 30137-20-BX | – | 20 | 12 | Type I | Hencol-Sealed Plated Steel | Terminal | Two 10-32 Studs |
| 30137-30 | – | – | 30 | 12 | Type I | Hencol-Sealed Plated Steel | Terminal | Two 10-32 Studs |
| 30138-10 | – | – | 10 | 12 | Type I | Hencol-Sealed Plated Steel | Bolt-Down (Bracket) | Two 10-32 Studs |
| 30138-15 | – | – | 15 | 12 | Type I | Hencol-Sealed Plated Steel | Bolt-Down (Bracket) | Two 10-32 Studs |
| 30138-30 | 30138-30-BX | – | 30 | 12 | Type I | Hencol-Sealed Plated Steel | Bolt-Down (Bracket) | Two 10-32 Studs |
| 30138-40 | – | – | 40 | 12 | Type I | Hencol-Sealed Plated Steel | Bolt-Down (Bracket) | Two 10-32 Studs |
| 30158-30 | – | – | 30 | 12 | Type I | Plated Steel | Bolt-Down | Two 10-32 Studs |
| 30171-10 | 30171-10-BX | – | 10 | 24 | Type I | Plated Steel | Terminal | Two 10-32 Studs |

BOX STYLE CIRCUIT BREAKERS

| PART NUMBERS | | | CURRENT RATING | VOLTAGE RATING | RESET TYPE | HOUSING MATERIAL | MOUNTING METHOD | TERMINALS |
|--------------|-------------|--------|----------------|----------------|------------|------------------|---------------------------|------------------|
| BULK | BOXED | RETAIL | | | | | | |
| 30171-15 | 30171-15-BX | – | 15 | 24 | Type I | Plated Steel | Terminal | Two 10-32 Studs |
| 30171-20 | 30171-20-BX | – | 20 | 24 | Type I | Plated Steel | Terminal | Two 10-32 Studs |
| 30171-25 | – | – | 25 | 24 | Type I | Plated Steel | Terminal | Two 10-32 Studs |
| 30171-30 | 30171-30-BX | – | 30 | 24 | Type I | Plated Steel | Terminal | Two 10-32 Studs |
| 30172-10 | – | – | 10 | 24 | Type I | Plated Steel | Bolt-Down (Bracket) | Two 10-32 Studs |
| 30172-15 | 30172-15-BX | – | 15 | 24 | Type I | Plated Steel | Bolt-Down (Bracket) | Two 10-32 Studs |
| 30172-20 | 30172-20-BX | – | 20 | 24 | Type I | Plated Steel | Bolt-Down (Bracket) | Two 10-32 Studs |
| 30172-30 | 30172-30-BX | – | 30 | 24 | Type I | Plated Steel | Bolt-Down (Bracket) | Two 10-32 Studs |
| 30174-10 | – | – | 10 | 24 | Type I | Plated Steel | Bolt-Down | Two 10-32 Studs |
| 30174-15 | – | – | 15 | 24 | Type I | Plated Steel | Bolt-Down | Two 10-32 Studs |
| 30174-20 | – | – | 20 | 24 | Type I | Plated Steel | Bolt-Down | Two 10-32 Studs |
| 30181-15 | – | – | 15 | 24 | Type II | Plated Steel | Bolt-Down | Two 10-32 Studs |
| 30181-40 | – | – | 40 | 24 | Type II | Plated Steel | Bolt-Down | Two 10-32 Studs |
| 30402-20 | – | – | 20 | 12 | Type I | Plated Steel | Terminal | Two Square Blade |
| 30402-30 | – | – | 30 | 12 | Type I | Plated Steel | Terminal | Two Square Blade |
| 30406-15 | – | – | 15 | 12 | Type III | Plated Steel | Terminal | Two 10-32 Studs |
| 30406-40 | – | – | 40 | 12 | Type III | Plated Steel | Terminal | Two 10-32 Studs |
| 30406-50 | – | – | 50 | 12 | Type III | Plated Steel | Terminal | Two 10-32 Studs |
| 30423-10 | – | – | 10 | 24 | Type III | Plated Steel | Bolt-Down (Cross-Bracket) | Two 10-32 Studs |
| 30427-15 | – | – | 15 | 12 | Type I | Gray Plastic | Bolt-Down | Two 10-32 Studs |
| 30427-30 | – | – | 30 | 12 | Type I | Gray Plastic | Bolt-Down | Two 10-32 Studs |
| 30427-40 | – | – | 40 | 12 | Type I | Gray Plastic | Bolt-Down | Two 10-32 Studs |
| 30427-50 | – | – | 50 | 12 | Type I | Gray Plastic | Bolt-Down | Two 10-32 Studs |

Dimensions in millimeters (inches)

30056 Series



Dimensions shown for 30056 series, Dimensions may vary per part number.
For More information on a specific part number please visit: Littelfuse.com/boxstylecb