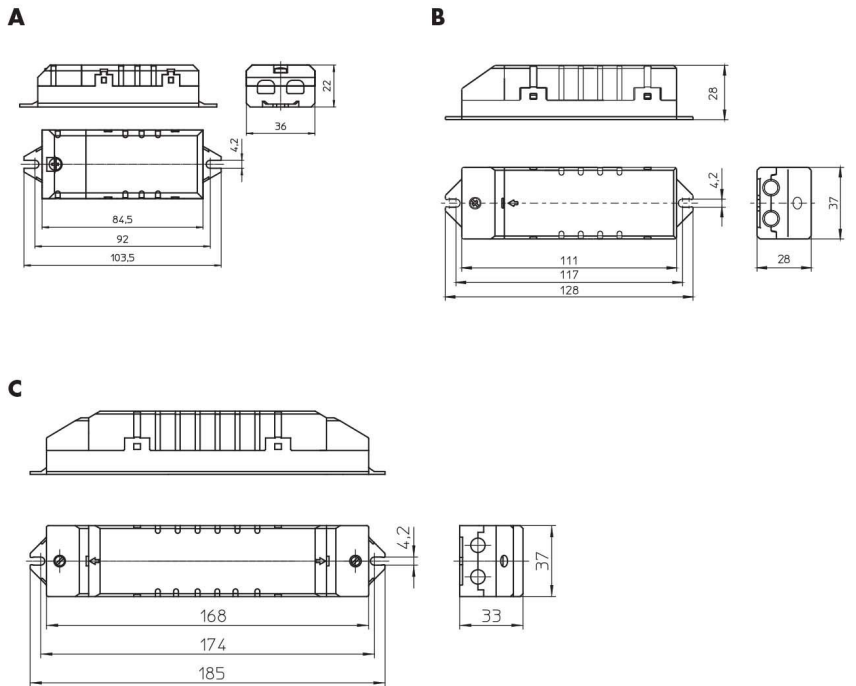


Independent Electronic Converters – LiteLine

Electronic safety converters for low-voltage halogen incandescent lamps 12 V
 Casing: heat-resistant polyamide
 Mains frequency: 50–60 Hz
 Protection against "no load" operation
 Protection against short-circuit: electronic switch-off with automatic restart
 Electronically controlled overload and temperature protection
 Suitable for installation in furniture and on combustible surfaces
 Power factor: > 0.95
 Efficiency: ≥ 94%
 Dimming: optional with phase-cutting leading-edge or phase-cutting trailing-edge dimmer
 Screw terminals: 2.5 mm²
 (EST 60/12.635 primary: 4 mm²)
 Quantity of screw terminals:
 1x2-poles primary
 1x2-poles secondary
 With integrated cord grip
Protection class II
 SELV
 Degree of protection: IP20
 RFI-suppressed



| Type | Ref. No. | Capacity range (W) | Voltage (V) prim. (±10%) sec. | Nominal current A | Ambient temperature t _a (°C) | Casing temperature t _c (°C) | Drawing | Weight g |
|-----------------------------------|---------------|--------------------|---------------------------------|-------------------|---|--|---------|----------|
| Dimensions: 22x36x103.5 mm | | | | | | | | |
| EST 60/12.635 | 186173 | 10–60 | 220–240 10.2–12 | 0.258–0.260 | –20 to 45 | max. 85 | A | 70 |
| Dimensions: 28x37x128 mm | | | | | | | | |
| EST 70/12.380 | 186072 | 20–70 | 230–240 11.3–11.7 | 0.30–0.31 | –20 to 45 | max. 70 | B | 85 |
| EST 105/12.381 | 186077 | 20–105 | 230–240 11.2–11.7 | 0.435–0.445 | –20 to 40 | max. 85 | B | 95 |
| Dimensions: 33x37x185 mm | | | | | | | | |
| EST 150/12.622 | 186098 | 50–150 | 230–240 11.2–11.6 | 0.595–0.605 | –20 to 45 | max. 85 | C | 175 |