

- Primary clocked switch mode power supply
- Two versions:
 - E17U-24: 24 V DC / 1 A
 - E17U-30: ± 15 V DC / 1 A
- Low power dissipation
- Operation indication by LED
- Cabinet for click on rail

Application

- Power supply for 24 or 30 V DC
- Supply for inductive transducers IW150, IW250, IW260, IWM300
- Supply for modules OE30, OV15, E-17

Technical data

- Supply voltage: 90 V DC ... 350 V DC
85 V AC ... 264 V AC
- Frequency range: 45 ... 65 Hz
- Power consumption: max. 105 VA
- Power loss: 2 W (no load)
8 W (nominal)
- Switch on current : < 10 A (typical)
- Ripple: < 100 mVpp (20MHz)
- Output voltage:
 - E17U-24 24 V DC ± 1%
 - range of adjustment * 22.5 ... 28.5 V DC
 - E17U-30 ± 15 V DC ± 1%
- Output current: 1 A

* adjustable via screw on the top

Mechanical dimensions

- Breadth E17U-24: 22.5 mm
- Breadth E17U-30: 45.0 mm
- Height: 99.0 mm
- Width: 114.5 mm
- Weight: 210 g
- Cable connection: 12 x screw M3
- Cable diameter: 0.2 ... 2.5 mm²

Environment

- Temperature range: -25°C ... 70°C
- Storage temperature: -40°C ... 85°C
- Humidity: 95% (no condensation)
- Protection class: IP 20
- Isolation: Class 2



Mounting into control rack

- Installation position: on horizontal rail
- distance vertical: 50 mm
- distance horizontal: not required

Approvals and standards

- Electromagnetic conformity : CE conform
- US approval: UL
 - Security standards: EN 60 950
VDE0805 (SELV)
DIN VDE 0100-410
DIN VDE 0106-1010
 - EMV directive: 89/336/EWG
 - Noise emission: EN 50 081-2
 - Noise immunity: EN 61000-6-2

Block diagram

