

Meter plug terminal pluggable 400 VAC / 80 A, EWC961-80-1/2N

reliable. economical. environmentally friendly. safe.



Art. no. A00-600 (1N), picture
Art. No. A00-601 (2N)

SAFE AND HIGHLY EFFICIENT – METER REPLACEMENT IN SECONDS

The meter plug terminal pluggable enables interruption-free, fast, very safe and highly efficient changing of an electricity meter up to 80 A. The connected unit can therefore continue to be operated without having to carry out the cumbersome switch-off process or inform the power consumer beforehand.

Installation must be performed by the electrician or power company. Can be used universally with virtually all currently available smart meters, energy meters and covers.

Maximum occupational safety is achieved with comprehensive contact protection. Working with this terminal enables "operating" in accordance with SR734.2/66². ⁽⁵⁾

ELECTRICAL PROPERTIES

Nominal current
Operating voltage
Tested overload
Number of meter changes / usage duration
Pressure load on meter panel while bridging

80 A
400 V AC, 50 Hz
125 A
Designed for <10 meter changes under voltage / >50 years
< 2kg / 20N (according to OVE guideline 21, paragraph 7.9.4)

MAINS-SIDE CONNECTION DATA

Connection type
Conductor, cross-section
Insertion depth
Tightening torque
Tool

3P/1N (Art. Nr. A00-600); 3P/2N (Art. Nr. A00-601)
Cu, Al¹⁾, 2.5 – 35 mm² strands with ferrules, length 20 mm, ⁴⁾
20 mm
3.0 – 3.5 Nm
Torx 20, tool IEC 60900; screws are inserted so that they cannot tilt

METER-SIDE CONNECTION DATA

Pins
Spacing
Fastening of pins

Copper, square, 5 x 5 mm, up to 80 A
DIN 43857-2
Plugged in, without tool

CERTIFICATES & DECLARATIONS

Certificates / Expertise

- S+ (approval No. 22.0792)
- CO₂-neutral, myclimate, Gold Standard product
- Expertise electrosuisse

Declaration

- REACH, RoHS II, halogen-free



Wirkt. Nachhaltig
Produkt
myclimate.org/01-21-778308



GEOMETRIC DATA

Height / width / length

37.5 mm / 56 mm / 135 mm

MATERIAL DATA

Weight
Housing
Colour
Flammability class
Connector

257 g
PA 6
Black / white
UL94 V0, halogen-free
High-strength copper alloy
Packaging unit: 36 units / ~ 10.5 kg

ENVIRONMENTAL CONDITIONS

Temperature range
IP protection class

-30°C to +65°C
IP20³⁾; enables "operating" according to SR734.2/66² ⁽⁵⁾

ACCESSORIES ²⁾

Meter connection pins 45 mm
Jumper handle with touch protection
Pin assembly gauge, MPTP, 5x5x21 mm
Cover
Jumper comb
Voltage tap

A00-906, copper, 5x5 mm, square, 45 mm
A00-909, lockable
A00-920
A00-907, sealable, transparent, stackable
A00-915
A00-911

¹⁾ Al conductors must be equipped with Al/Cu cable-end sleeves, 20 mm length

²⁾ Function and specifications are only guaranteed with eweco accessories

³⁾ IP20C with mounted cover A00-907; or IP20B without cover, with mounted conductors ≥10 mm²

⁴⁾ Insulated cable end sleeves for conductors < 10mm²

⁵⁾ Condition: Protection against accidental contact IP2X of the entire system (e.g. electricity meter) guaranteed during the work.