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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 SR734.2/66^2. [5]

ELECTRICAL PROPERTIES

Nominal current	80 A
Operating voltage	400 V AC, 50 Hz
Tested overload	125 A
Number of meter changes / usage duration	Designed for >10 meter changes under voltage / >50 years
max. insertion force on meter board of the bridging device	< 2kg / 20N (according to OVE guideline 21, paragraph 7.9.4)

MAINS-SIDE CONNECTION DATA

Connection type	3P/1N (Art. Nr. A00-600); 3P/2N (Art. Nr. A00-601)
Conductor, cross-section	Cu, Al[1], 2.5 – 35 mm^2 strands with ferrules, length 20 mm, [4]
Insertion depth	20 mm
Tightening torque	5.5 Nm
Tool	Torx 20, tool IEC 60900; screws are inserted so that they cannot tilt

METER-SIDE CONNECTION DATA

Pins	Copper, square, 5 x 5 mm, up to 80 A
Spacing	DIN 43857-2
Fastening of pins	Plugged in, without tool

CERTIFICATES & DECLARATIONS

Certificates / Expertise
- S+ (approval No. 22.0792)
- CO_2-neutral, myclimate, Gold Standard product
- Expertise electrosuisse

Declaration
- REACH, RoHS II, halogen-free

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GEOMETRIC DATA

Height / width / length	37.5 mm / 56 mm / 135 mm

MATERIAL DATA

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

ENVIRONMENTAL CONDITIONS

Temperature range	-30°C to +65°C
IP protection class	IP20[3]; enables "operating" according to SR734.2/66^2 [5]

ACCESSORIES [2]

Meter connection pins 45 mm	A00-906, copper, 5x5 mm, square, 45 mm
Jumper handle with touch protection	A00-909, lockable
Pin assembly gauge, MPTP, 5x5x21 mm	A00-920
Cover	A00-907, sealable, transparent, stackable
Jumper comb	A00-915
Voltage tap	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 mm^2
[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.

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