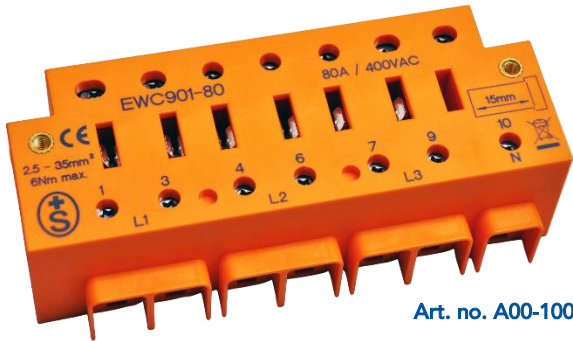


# Meter plug terminal 400 VAC / 80 A, EWC901-80

reliable. economical. environmentally friendly. safe.



Art. no. A00-100

## SAFE AND EFFICIENT, HIGH COMPATIBILITY

The meter plug terminal enables interruption-free, fast, safe and efficient changing of an energy meter or smart 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 and energy meters, covers and meter pins.

## ELECTRICAL PROPERTIES

Nominal current	80 A
Operating voltage	400 V AC, 50 Hz
Tested overload	125 A
Maximum power dissipation	<2.7 W @ 3x80 A

## MAINS-SIDE CONNECTION DATA

Connection type	3P/1N
Conductor	Cu, Al <sup>1)</sup>
Conductor cross-section	2.5 – 35 mm <sup>2</sup>
Insertion depth	14 mm
Tool	Torx 20, IEC 60900; screws are inserted so that they cannot tilt

## METER-SIDE CONNECTION DATA

Pins	Round, Ø6/7 mm, or square 5x5 mm; lengths 37 and 45 mm
Spacing	DIN 43857-2
Tool	Torx 20, IEC 60900; screws are inserted so that they cannot tilt

## CERTIFICATES & STANDARDS

### Certificates

- S+ (approval No. 22.0138)

### Standards applied

- IEC EN 60998-1, -2-1; DIN VDE 0603-3-3

### Declaration

- REACH, RoHS II, halogen-free
- CO<sub>2</sub>-neutral, myclimate, Gold Standard product



myclimate.org/01-21-778308



## GEOMETRIC DATA

Height / width / length	39 mm / 62 mm / 135 mm
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## MATERIAL DATA

Weight	353 g	Packaging unit: 36 units / 13.6 kg
Housing	PA 66	
Colour	Orange / black	
Flammability class	UL94-V0, halogen-free, FR30	
Connector	Cu, >99.8%	

## ENVIRONMENTAL CONDITIONS

Temperature range	-30°C to +65°C
IP protection class	IP20C

## ACCESSORIES

Meter connection pins 45 mm (alternatively 37 mm)	A00-901 (round 45/ Ø=6/7 mm) or A00-906 (square, 5x5x45 mm)
Jumper handle with touch protection <sup>2)</sup>	A00-900 lockable
eweco cover	A00-907 sealable, transparent, stackable
Jumper comb	A00-915
Voltage tap	A00-911

<sup>1)</sup> Al conductors must be equipped with Al/Cu cable-end sleeves (15 mm)

<sup>2)</sup> Jumper handles with nominal current ≥100 A according to DIN VDE 0603-3-3, section 9.101, are compatible

<sup>3)</sup> IP20C with mounted cover A00-907; or IP20B without cover, with mounted network conductors ≥10 mm<sup>2</sup>