CT 120A



Device identification

- Device name: **CT 120A**
- Manufacturer model: **CT313**

Short description

CT 120A (The Device) is a split-core current transformer for the Shelly Pro 3EM energy meter.

Features

- Snap-on, screwless mounting system

Connector to Shelly Pro 3EM

- 2-pin MX3.0-2x1Y connector

Safety features

- Secondary winding high voltage protection

Specifications

Type	Value
Physical	
Size (HxWxD):	45x40x36 ±0.5 mm / 1.77x1.57x1.42 ±0.02 in (without the cable)
Cable length	650 mm / 25.6 in

Weight:	75 ±1 g / 2.65 ±0.05 oz (with the cable)
Conductor aperture:	Ø15 mm / Ø0.6 in
Core:	Ferite
Shell material:	Plastic
Color:	White
Environmental	
Ambient temperature:	-10 °C to 50 °C / 14 °F to 122 °F
Humidity:	0 % to 80 % RH
Max. altitude:	2000 m / 6562 ft
Electrical	
Primary/secondary current ratio:	3000/1
Rated max. primary current:	120 A
Electrical strength:	3000 VAC, 60 sec

Installation

Compliance

- Declaration of conformity

User guide

- Ръководство за употреба и безопасност