kerberos

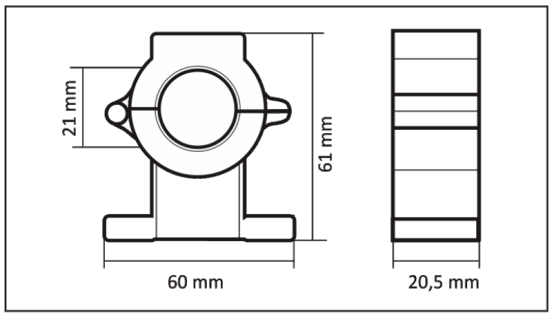
KET-SHA-020.21

Hall effect openable current sensor with measuring range 200 A

- **Measuring range 200 A**
- **Open loop structure**
- **Easy to install**
- **High precision and good linearity**

Applications

Monitoring consumption



The **KET-SHA-020.21** is part of a series of newly developed open-loop **Hall current sensors** that can be used to detect DC, AC current signals, even high frequency, pulse and irregular current signals.
Isolated on the primary and secondary side, **it ensures maximum electrical safety**. Equipped with 2 m long connection cable, with RJ12 connector, through which power is supplied from a single external DC and stabilized voltage.

Technical Features

General specifications	**Protection range**: **Operative temperature**: -25 ÷ +80 °c **Storage temperature**: -40 ÷ +85 °c **Relative humidity**:
Case	**Dimensions**: 60 x 61 x 20.5 mm (w x h x d) **Connections**: **Mounting**: **Cable diameter**: max 21 mm **Bar size**: **Material**: self extinguishing: ul 94 v-o **Weight**:
Power supply	**Supply voltage**: +5 (±1%)vdc **Consumption**: <=15 ma **Connectors types**: rj12 (6p4c)
Current sensor	**Sensor type**: hall effect openable sensor **Current range**: ±200 a **Voltage output**: 1.5 ÷ 3.5 v **Internal resistance**: >=10 kohm **Typical sensitivity**: **Precision**: <=2 .0% (t=25°c vc=±15v) **Tolerance**: **Linearity**: <=2 .0% (t=25°c) **Linearity range**: **Nonlinearity**: **Hi pot test**: 3.0 kv/min **Temperature drift**: **Noise spectral density**:
Certifications	**Referends standard**: rohs compliant **Approvals**: **Security**: **Metrology**: