



KET-SHA-001.21

Applications

Monitoring consumption

Hall effect openable current sensor with 10 A measuring range

- Open loop structure
- Easy to install
- Measuring range 10 A
- High precision and good linearity

The **KET-SHA-001.21** 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: ±10 a Voltage output: 1.875 ÷ 3.125 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: