



The QI-HSC sensor allows the measurement of continuous and alternating currents with excellent precision and a wide measuring range.

The QI-HSC, which is openable, allows you to implement without disconnecting the conductors.

Removable screw terminals are very easy to install.

The HSC sensors are used in all measurement requirements of continuous currents and with variable frequency (up to 20 kHz), in battery control systems such as UPS, safety power supplies and energy storage), power electronics. The output signals can be connected to a special instrumentation, PLC, etc.

	QI-HSC-50	QI-HSC-100
NOMINAL CURRENT MEASUREMENT	50 A AC/DC	100 A AC/DC
AUXILIARY POWER SUPPLY	± 12 ... 15 Vdc	
WORKING FREQUENCY	From DC up to 20 kHz	
LOAD RESISTANCE	min 10 kohm	
ABSORPTION @ 15 V dc	25 mA	
VOLTAGE OUTPUT @ Nominal current $I_p = 0$	± 25 mV	
VOLTAGE OUTPUT @ Nominal current $I_{pn}$	± 4 V ±1%	
ACCURACY	± 1%	
LINEARITY	< 1%	
THERMAL DRIFT	± 1 mV / °C	
RESPONSE TIME 0...90%	10 μs	
ISOLATION PRIMARY/SECONDARY	3 kV	
WORKING TEMPERATURE	-25 °C...85 °C	
STORAGE TEMPERATURE	-40 °C...100 °C	
CONNECTION	Removable Connector for cable section 0,2 ÷ 2,5 mm <sup>2</sup>	
WEIGHT	80 g	

