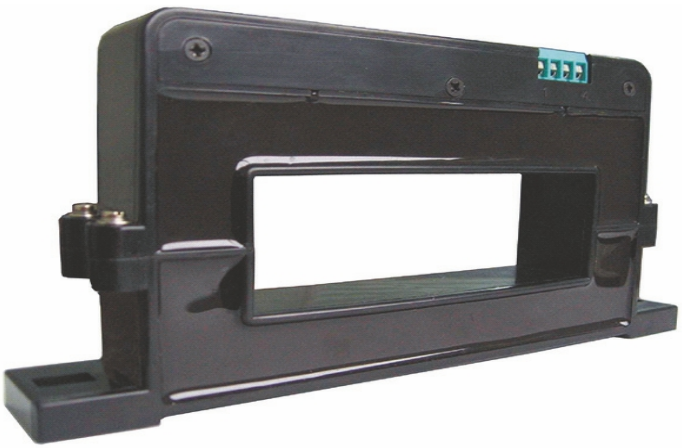
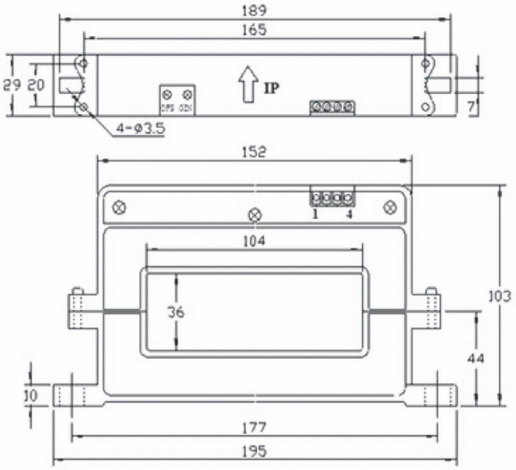
SPLIT CORE HALL'S EFFECT CURRENT TRANSFORMERS

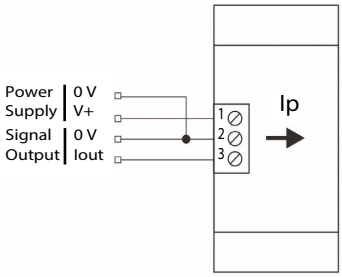
QI-HSC SERIES





The QI-HSC-104-2000-I allow the measurement of continuous currents or with a wide frequency range. **Equipped with 4 ÷ 20 mA output**. They use the open loop Hall effect measurement technique (via openable core), making the sensors easily installable without disconnecting the conductors. Screw terminal blocks make installation extremely easy.

	QI-HSC-104-2000-I
NOMINAL CURRENT MEASUREMENT	± 2000 A
AUXILIARY POWER SUPPLY	24 Vdc
WORKING FREQUENCY	da DC fino a 20 kHz
LOAD RESISTANCE	max 500 Ω
ABSORPTION @ 24 VDC	25 mA
CURRENT OUTPUT @ Nominal current Ip = 0	4 mA
CURRENT OUTPUT @ Nominal current Ipn	20 mA ±1%
ACCURACY	± 1%
LINEARITY	< 1%
MAXIMUM PERMANENT OVERLOAD	50%
THERMAL DRIFT	± 0,001 mA / °C
RESPONSE TIME 0...90%	50 ms
INSULATION VOLTAGE BETWEEN PRIMARY/SECONDARY	5 kV
WORKING TEMPERATURE	-40 °C...85 °C
STORAGE TEMPERATURE	-40 °C...125 °C
CONNECTION	Removable connector for cable section 0,2 ÷ 2,5 mm²
WEIGHT	960 g



Legend:	
Ip	Primary current
Ipn	Nominal primary current
0 V	Reference for measurement and power supply
V+	Positive auxiliary power +24 Vdc
Iout	Output 4÷20 mA