



# SE-CUR-HALL-06-S1 CURRENT TRANSDUCER BOX

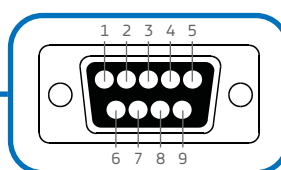
AC/DC CURRENT TRANSDUCER ADAPTOR BOX,  
UP TO 20 A<sub>RMS</sub>, 100 KHZ BANDWIDTH

## SPECIFICATIONS

SE-CUR-HALL-06-S1	
Type of current	AC + DC
Continous current	$\pm 20$ A <sub>RMS</sub>
Max. current (1 s)	85 A <sub>PEAK</sub>
Accuracy	0.5 % + 0.3 %/kHz
Phase shift	0.2 °/kHz
Sensitivity	50 mV/A
Bandwidth (-3 dB)	100 kHz
Resistance input	<5 m $\Omega$
Current consumption: (I <sub>p</sub> = measured primary current)	
Nominal (I = 25 A <sub>RMS</sub> continuous)	40 mA
Maximal (I = 85 A <sub>PEAK</sub> )	80 mA
Rated input voltage to earth	600 V CAT II (according to EN 61010-2-30)
Supply voltage	$\pm 9$ V
Temperature drift	< $\pm 50$ ppm/K (typical 5 ppm/K)
Temperature range	-10 °C to 70 °C (14 °F to 158 °F)
Housing	DIN rail mounting, compliant with DIN 43880
Dimensions	89.7 mm x 62.2 mm x 31.7 mm (3.53 x 2.45 x 1.25 in)
Connector input	screw terminals; 6 to 18 AWG
Connector output	male 9-pin SUB-D connector with TEDS; DAQP-LV-D series
Recalibration interval	1 year

## SIGNAL CONNECTION

Pinout connectable to DAQP-LV-D series with straight through DB9 cable



9-pin male SUB-D connector

Pin 1: TEDS  
Pin 2: Voltage out  
Pin 4: GND+  
Pin 5: +9 V  
Pin 7: Voltage out return  
Pin 9: -9 V