

## CURRENT SENSOR CS-675 SERIES, 4-20 MA GREYSTONE

CS675-200

Strömtransformator.0-200A/4-2

- Compact current sensor, signal output 4-20 mA
- Five measuring ranges between 0-200 A AC
- cULus Listed
- DIN rail mounting
- Sensor aperture 20,3mm



### PRODUCT DESCRIPTION

The CS-675 Series current sensors monitor line current for electrical loads such as pumps, conveyors, machine tools, or fans and output an analog signal to represent the load current. The CS-675 is loop-powered and requires 15 to 30 Vdc to power the device.

The CS-675 series features True RMS current measurement suitable to measure complex waveforms such as those found in VFD controlled loads. They are also suitable for accurate measurement of phase angled controlled or time proportional SCR controlled load currents. The CS-675 Series contain a precision RMS-to-DC converter circuit which will measure load current accurately for complex, distorted or noisy waveforms as opposed to "average reading" devices that will only accurately measure pure sine waveforms.

### SPECIFICATIONS

|                        |                 |
|------------------------|-----------------|
| Approvals              | CE, cULus, RoHS |
| Frequenze              | 20-400 Hz       |
| Inaccuracy             | 1 %             |
| Load Impedance Max     | 600 $\Omega$    |
| Measuring Range        | 0-200 A AC      |
| Power Supply DC max    | 30 V            |
| Power Supply DC min    | 15 V            |
| Reaction time          | 500 ms          |
| Temperature range from | -15 °C          |
| Temperature range to   | 60 °C           |
| Weight                 | 150 g           |

