

CURRENT TRANSFORMER



- Nickel plated terminals
- Sealable terminal covers
- Baffle type
- Dependable
- Robust
- Easy to use
- Accurate

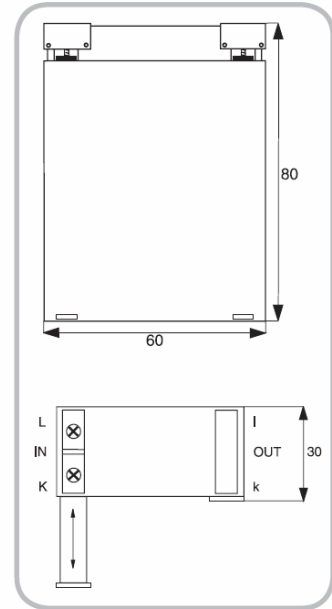
Application

The RACO current transformer will be used in conjunction with the thrust overload protection unit if the motor current exceeds 12A. With the current transformer and its available ratios the power monitoring range can be increased in incremental steps to cover the largest actuator motors in single and three phase systems even at low supply voltages.

Mechanical Design

The current transformer is designed to be wall mounted with the included mounting clips or can be snapped onto a DIN –Rail TS 35 with the optional MC-SW clips. There are no restrictions on the mounting position. The current transducer has a environmental protection rating of IP 20 and should be mounted in an enclosure. The initial torque on the shock proof terminal connections should be maximal 4.4 lb-in. Each of the terminal housing will accept two #8 AWG wires.

Dimensions



Technical Data

Rated Frequency	50 to 60 Hz
Rated impulse current	Min 100 kA or 2.5* I _N
Rated thermal current	I _D = 1.2 * I _N
Thermic short term current	I _{th} = 60 * I _N
Nominal operating voltage	Max. 720V
Surge voltage	3kV
Overload limit factor	FS 5 resp. FS 10
Insulation class	E

I sec	Primary rated Current I pri									
	1	2.5	5	10	15	20	25	30	40	A
5A	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	VA
Class	1	1	1	1	1	1	1	1	1	