



Current-measuring

transducer,ACT20P-CML-10-AO-RC-S

URL:<https://www.sxplc.com/current-measuring-transducer-act20p-cml-10-ao-rc-s>

Product data sheet

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-25 °C...60 °C
Humidity	5...95 %, no condensation		

Probability of failure

MTTF	130 a
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Input

Input frequency	AC: 15...400 Hz (true root mean square)	Input measurement range	configurable, 0...1/5/10 A AC (RMS) or DC, max. peak current $10 \times I_{\text{Input}}$ (1 s), For DC current measurement (AA): Current direction display at the output (-/+ analog value)
Number of inputs	1	Overload behaviour	Max. peak current: $10 \times I_{\text{Input}}$ for 1s

Output

Load impedance current	$\leq 600 \Omega$	Type	active, connected control must be passive
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Output (digital)

Alarm function	Surge current, Under-current, Alarm limit setting: 2 - 105 %, Hysteresis 5% / 10%, Alarm delay: 0...10 s	Continuous current	$2 \times I_{\text{Input}}$
Max. switching frequency	20 Hz	Max. switching voltage, AC	250 V
Max. switching voltage, DC	24 V	Number of digital outputs	1
Rated switching current	2 A	Type	Relay, 1 CO contact, normal / inverse adjustment

Output (analogue)

Load resistance current	$\leq 600 \Omega$	Load resistance voltage	$\geq 10 \text{ k}\Omega$
Number of analogue outputs	1	Output current	Adjustable, 0...20 mA, 4...20 mA, -20...+20 mA
Output voltage	Adjustable, 0...10 V, 2...10 V, 0...5 V, 1...5 V, -5...+5 V, -10...+10 V	Transmit function	direct or inverted
Type (analogue output)	Voltage and current output (configurable)		

