

CSENS50A1

Technical Data

- DC power switching and current sensing
- Four measurement scales:
- Voltage range:
- Continuous current:
- Peak current (max 1 hour, $T_{amb}=40^{\circ}\text{C}$):
- Minimum current measurement:
- Overload and thermal protections
- External opto-isolated trigger:
- AUX SSR relay output:

Scale	Resolution	Accuracy	
		Reading [%]	Scale [%]
50 A	10 mA	± 0.35	± 0.25
2.5 A	1 mA	± 0.15	± 0.10
25 mA	0.01 mA	± 0.15	± 0.10
250 μA	0.0001 mA	± 0.75	± 0.80

Applications

- Standby & nominal current/voltage measurement on test equipment

Current Sensing & Measurement Module

50 A, 2.5 A, 25 mA, 250 μA

0.5 - 32 V

30 A

50 A

1 μA

3 - 6 V

max 100 mA (ON state)

max 50V (OFF state)

