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## Engineering Specification

Senva AutoSet Current Sensor Model C-2350VFD Series



1. The current sensor shall induce power from the monitored load.
2. The current sensor shall provide on/off status indication of electrical loads from 0.5 to 200 AAC.
3. The current sensor shall have a self-configured trip-point in the range of 1 to 135 A.
4. The current sensor shall be able to self-configure its trip-point at frequencies from 40 to 120 Hz.
5. The current sensor shall be able to operate at frequencies from 10 to 120 Hz.
6. The current sensor shall be able to be reset and learn a new trip point with a user input (push button press).
7. The current sensor shall provide visual indication (LED) for output status, sensor power, and sensor state.
8. The Current sensor shall be capable of providing accurate status at temperatures from -15° to 60° C.
9. The current sensor shall be isolated to 600 VAC RMS (UL ratings).
10. The current sensor output shall be N.O., Solid State, 1A @ 30 VAC/DC on standard models.
11. The current sensor shall be a self-gripping split-core type with an aperture to accommodate a 4/0 (0.75") insulated conductor.
12. The current sensor shall have a removable mounting bracket that is DIN rail and screw mountable.
13. The current sensor shall accommodate optional install of a command relay.
14. The current sensor dimensions shall be 2.94" x 2.33" x 0.82" (L x W x H).
15. The current sensor shall be an AutoSet model C-2350VFD.
16. The sensor shall be UL 508/ CAN/CSA C22.2 No. 14-13. listed to meet the latest applicable safety standards.
17. The sensor shall meet CE and RoHS requirements.
18. The sensor electronics shall have a 7-year warranty.
19. The sensor shall be manufactured in the USA.
20. The sensor shall be manufactured by Senva.