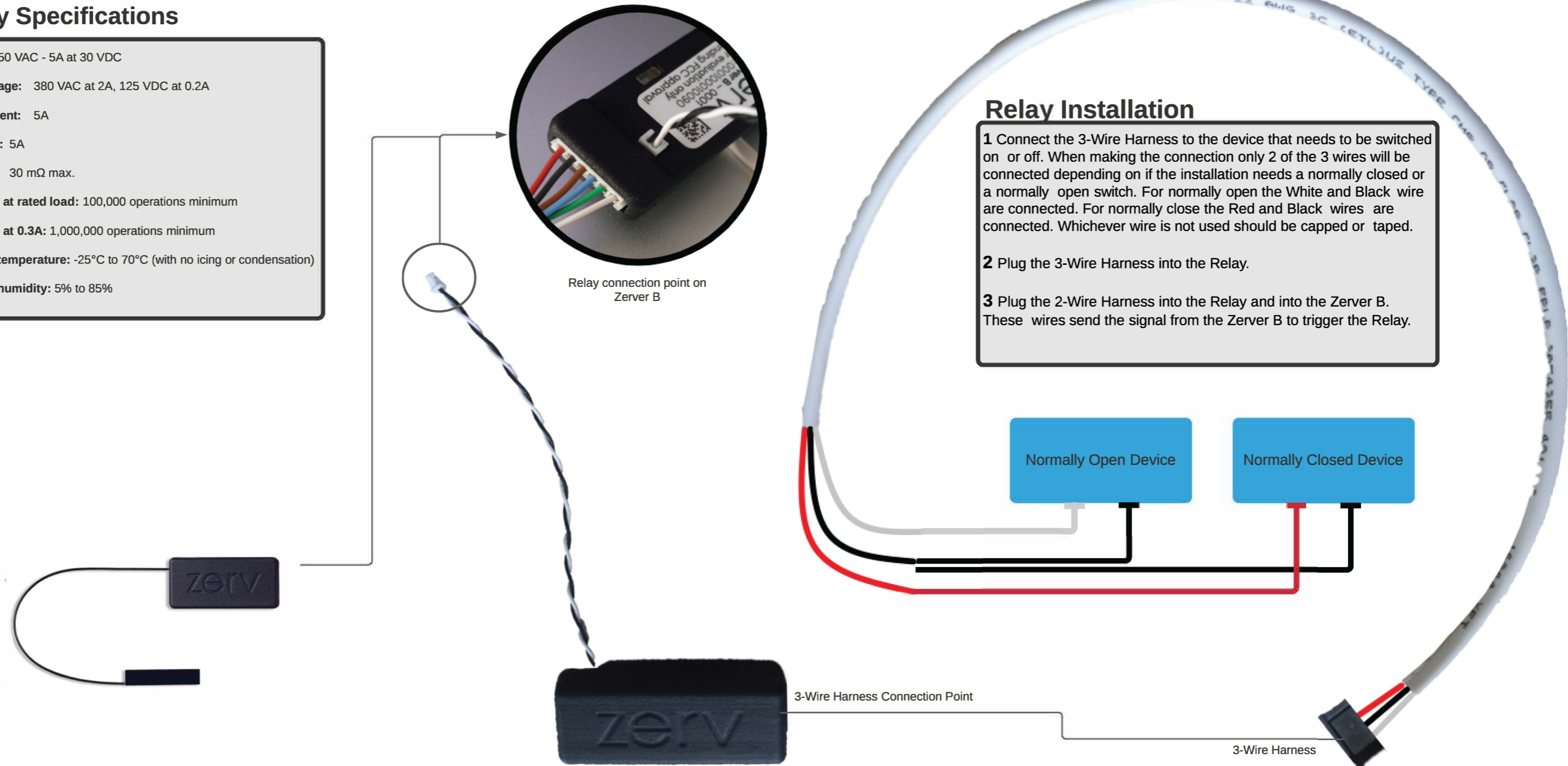


Zerv Relay Specifications

- Rated Load: 5A at 250 VAC - 5A at 30 VDC
- Max. switching voltage: 380 VAC at 2A, 125 VDC at 0.2A
- Max. switching current: 5A
- Rated carry current: 5A
- Contact resistance: 30 mΩ max.
- Electrical Durability at rated load: 100,000 operations minimum
- Electrical Durability at 0.3A: 1,000,000 operations minimum
- Ambient operating temperature: -25°C to 70°C (with no icing or condensation)
- Ambient operating humidity: 5% to 85%



Relay Installation

- 1 Connect the 3-Wire Harness to the device that needs to be switched on or off. When making the connection only 2 of the 3 wires will be connected depending on if the installation needs a normally closed or a normally open switch. For normally open the White and Black wire are connected. For normally close the Red and Black wires are connected. Whichever wire is not used should be capped or taped.
- 2 Plug the 3-Wire Harness into the Relay.
- 3 Plug the 2-Wire Harness into the Relay and into the Zerver B. These wires send the signal from the Zerver B to trigger the Relay.

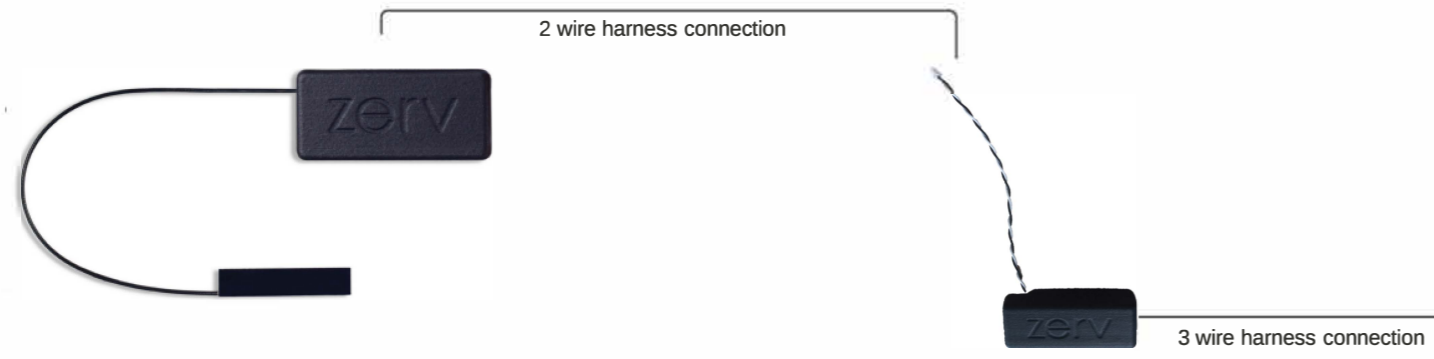
FCC
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Zerv Relay

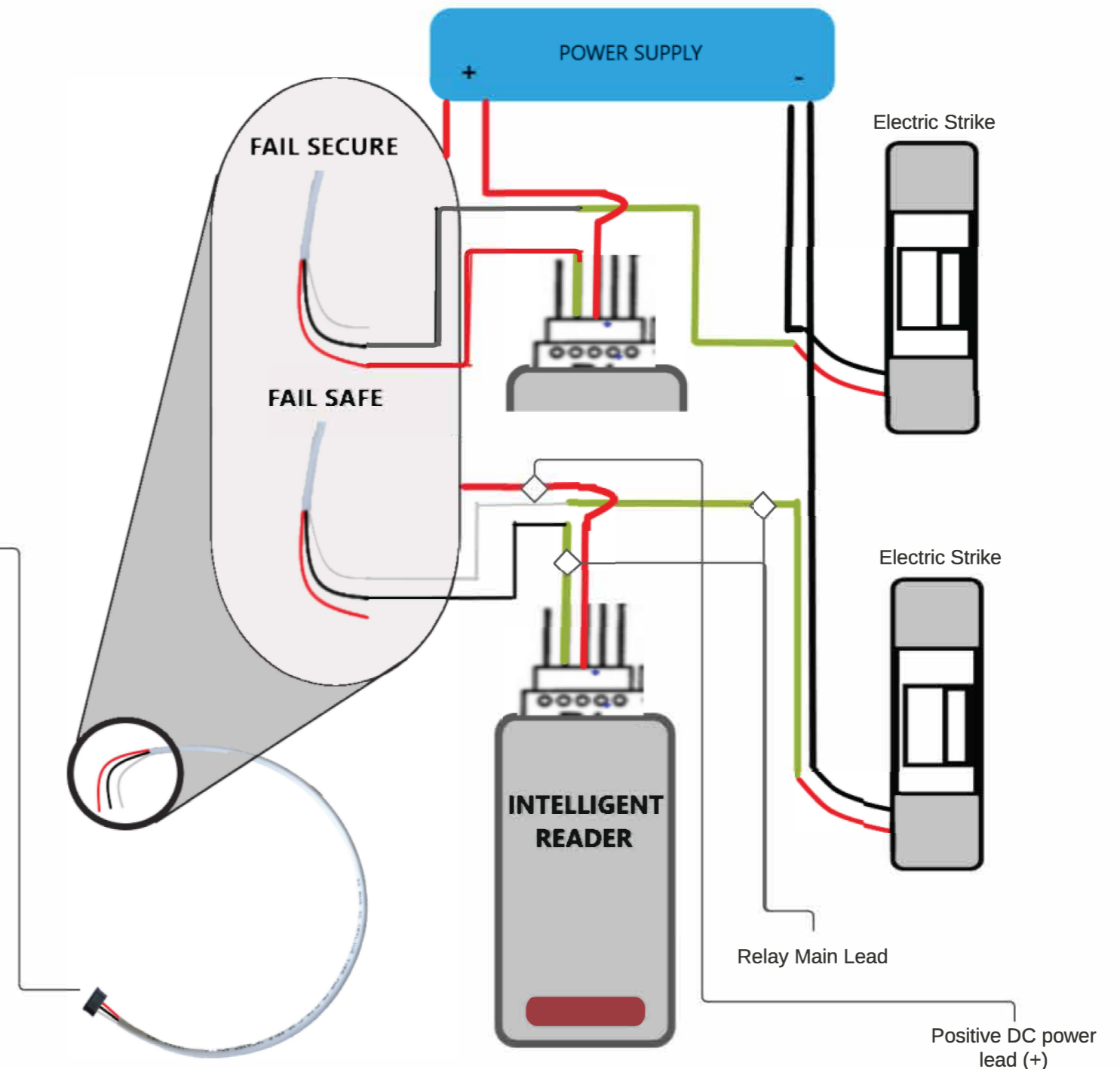
Wiring Instructions W/O ACS
(Intelligent Readers)



In locking solutions where the reader serves as the control panel, the reader does not send any data. The Relay connection is made by cutting the main relay lead from the reader, and connecting the common (white) lead and the black or red wires from the relay's 3-wire harness into the lead. In solutions where a normally open (N.O.=Fail Safe) circuit is to be used the black wire should be tied into the relay lead. If Normally Closed (N.C.=Fail Secure) use the red wire from the 3-wire harness as detailed in [relay installation guide](#).



Only the positive and negative leads of the Zerv 6-wire harness are used in this solution. The Data1/Data 0 wires of the 6-wire harness are not used.



FCC

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.