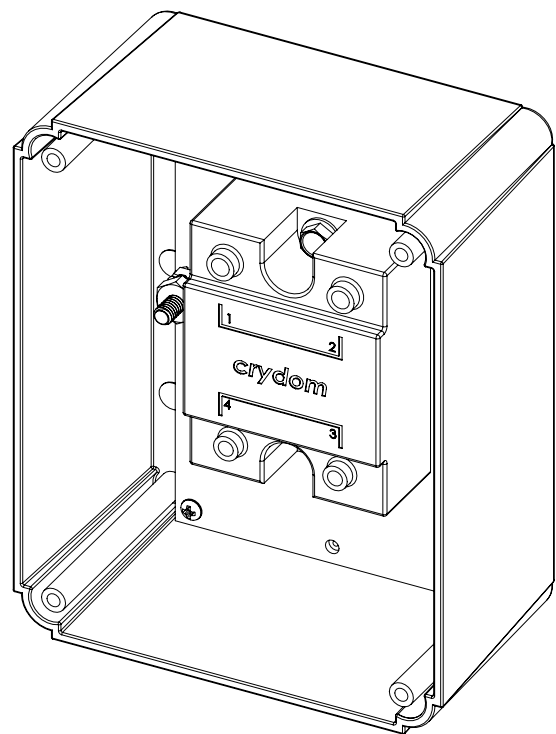


0-10VDC Interface Module for Isis Fans

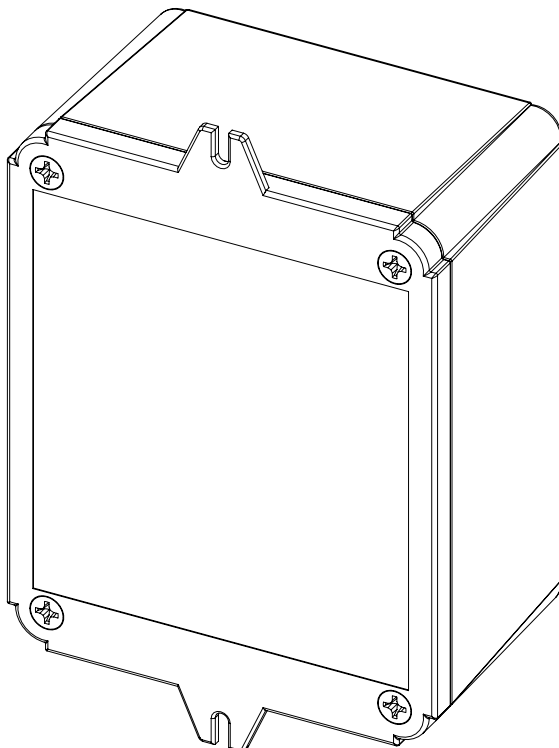
The Isis fan can now be easily interfaced with automation systems that provide 0-10VDC analog signal outputs using the new 0-10VDC interface module, which will replace the fan's original wall controller (but can be mounted anywhere). The module is capable of driving multiple fans and is wired to the fans using the same method as all other multi-fan installations

DC input voltage levels between 4VDC and 9VDC will yield fan speeds from 12% to 100%. DC input voltage levels in excess of 9VDC will yield fan speeds of 100%. The fan will not operate with DC input voltage levels below 4VDC. Big Ass Fans recommends 16AWG to 18AWG shielded cable be used on all 0-10VDC inputs with the cable's shield terminated at the source end only for the purpose of RF rejection. The 0-10VDC module has a minimum impedance of 1.7k Ω ; therefore, the analog signal provided must be capable of driving 6mA of output current.

Inner View

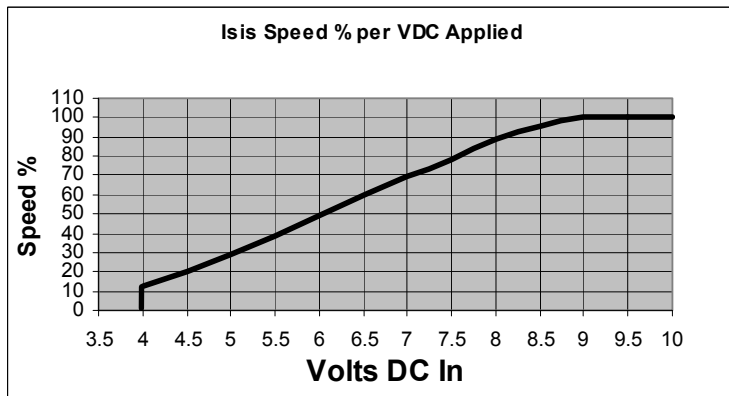
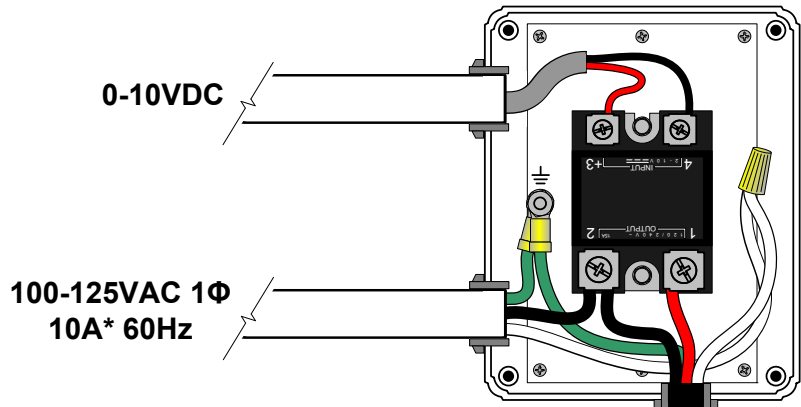


Closed View



0-10VDC Interface Module for Isis Fans (cont.)

Wiring



Fan wire functions / colors:
 AC Hot / Black
 Neutral / White
 Traveler / Red

VDC In	% Speed	VDC In	% Speed
0 - 3.5	Fan Off	7	69
4	12	7.5	78
4.5	20	8	88
5	29	8.5	96
5.5	39	9	100
6	49	9.5	100
6.5	60	10	100

***ATTENTION:**

1-2 FANS REQUIRE 10A CIRCUIT

3-4 FANS REQUIRE 15A CIRCUIT

