

PATENTED

Introducing the IBYSS. The Inverter Bypass System That's Guaranteed to Fly.

When your inverter drive crashes, it can be hard to get your plant's production off the ground again – without losing a lot of time and money.

Before you crash again, you need a flight plan. But you've tried three-contactor bypass systems, so you know they're dinosaurs. They devour lots of panel space and require a prehistoric array of wires, pushbuttons and mechanical interlocks. And they can burn out coils, stopping the flow of power to your application.

Luckily, the old inverter bypass system has now evolved into quite a different bird...the IBYSS – The Inverter Bypass Safety Switch from Advance Controls, Inc.

The IBYSS is a compact manual switch that does not rely on coils, does not consume power, and does not require additional buttons, switches or wires. The IBYSS requires a minimum of panel space, and maintains direct positive control of the power flow.

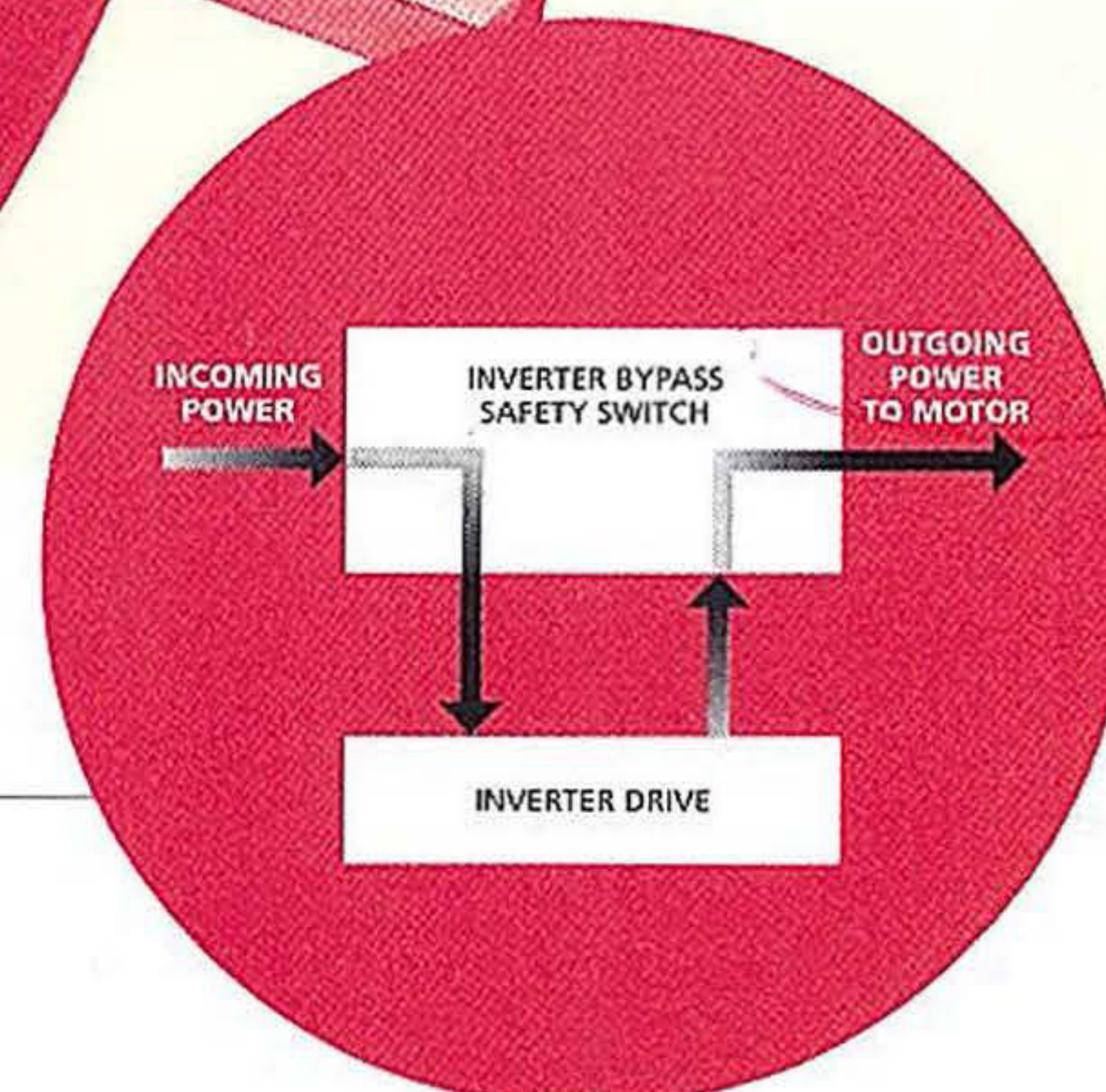
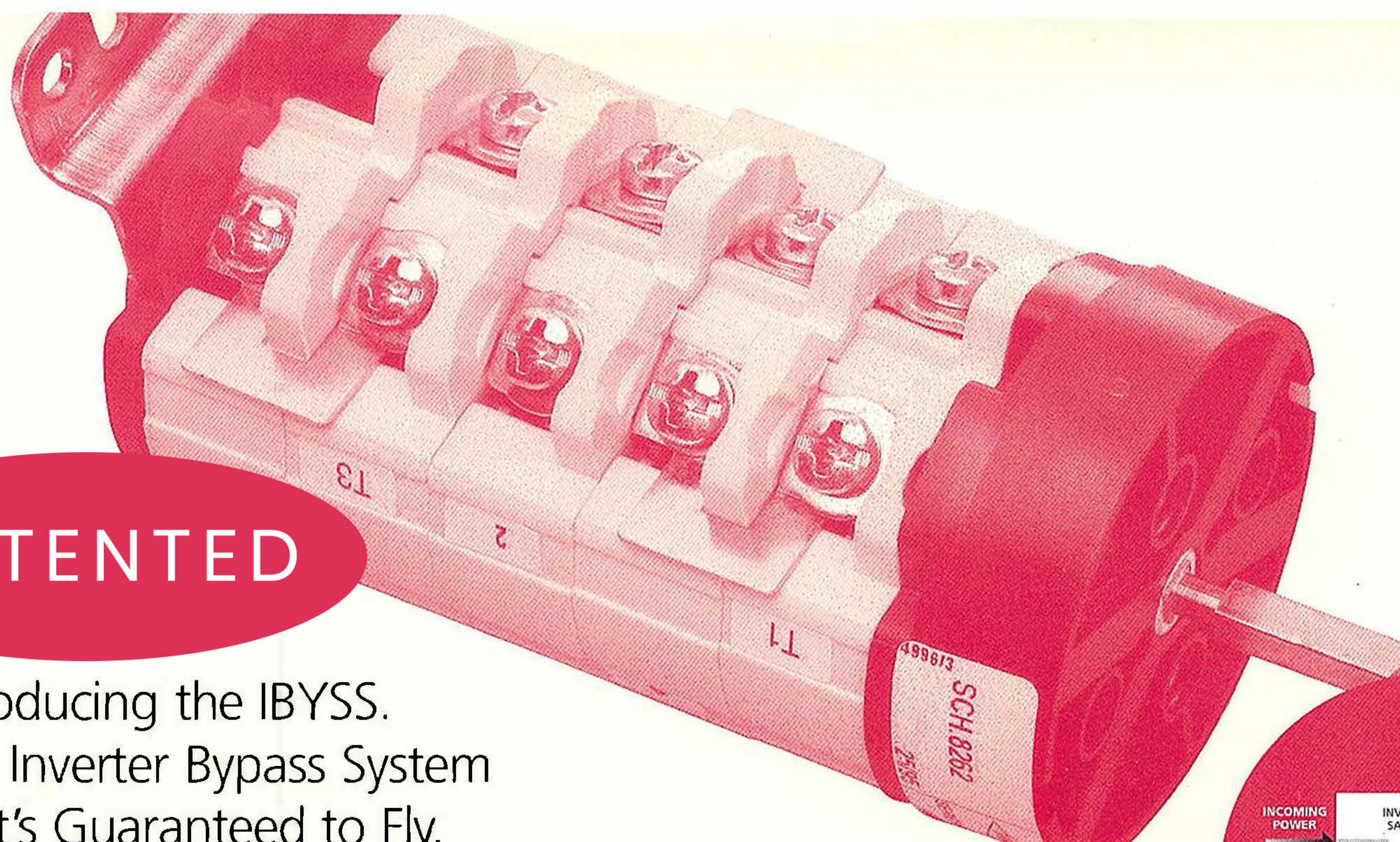


So the IBYSS saves you money, reduces down time, prevents equipment damage and increases safety. Switch to the IBYSS – the highly evolved bypass system that's guaranteed to fly.



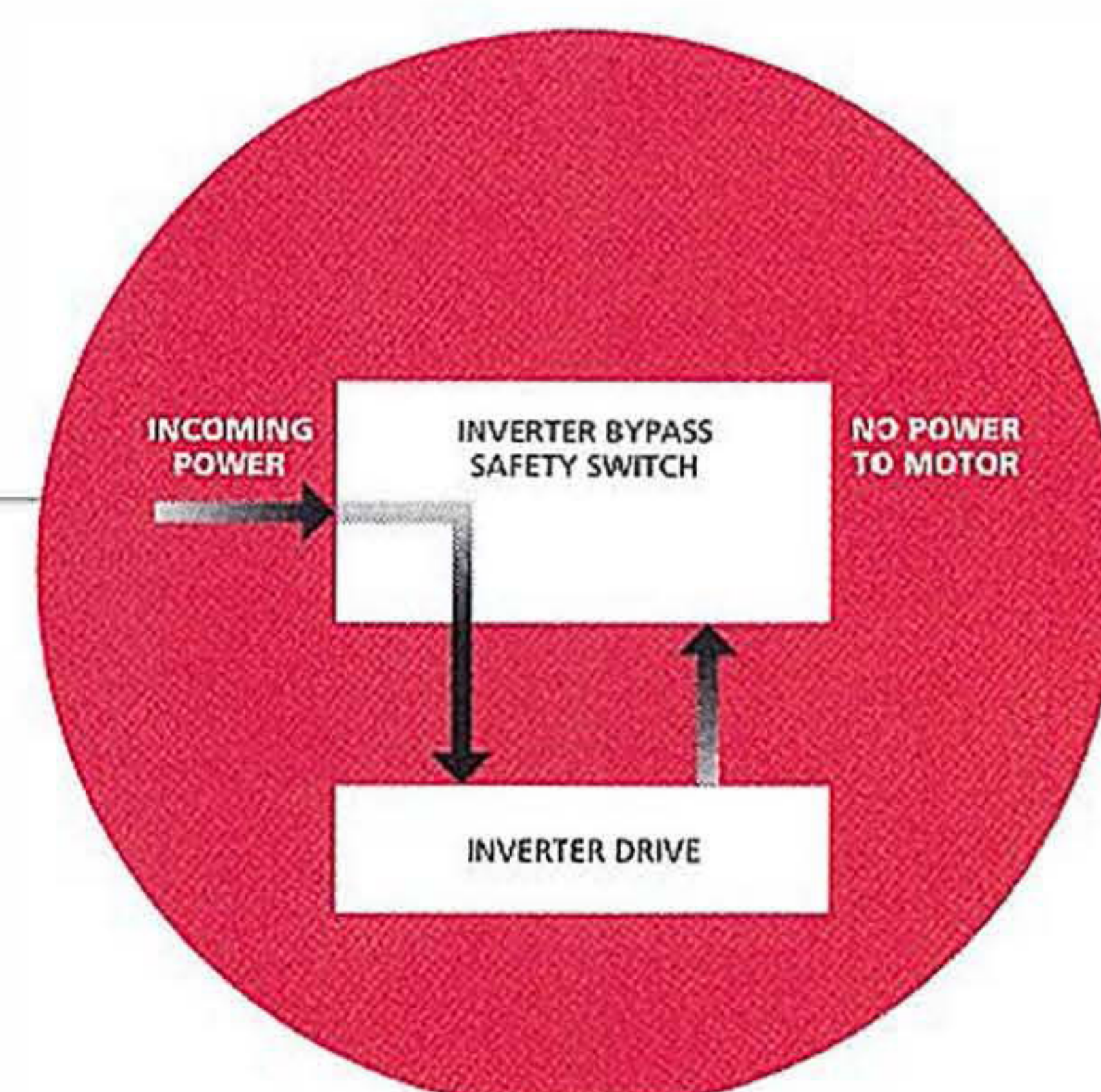
ACI ADVANCE CONTROLS, INC.

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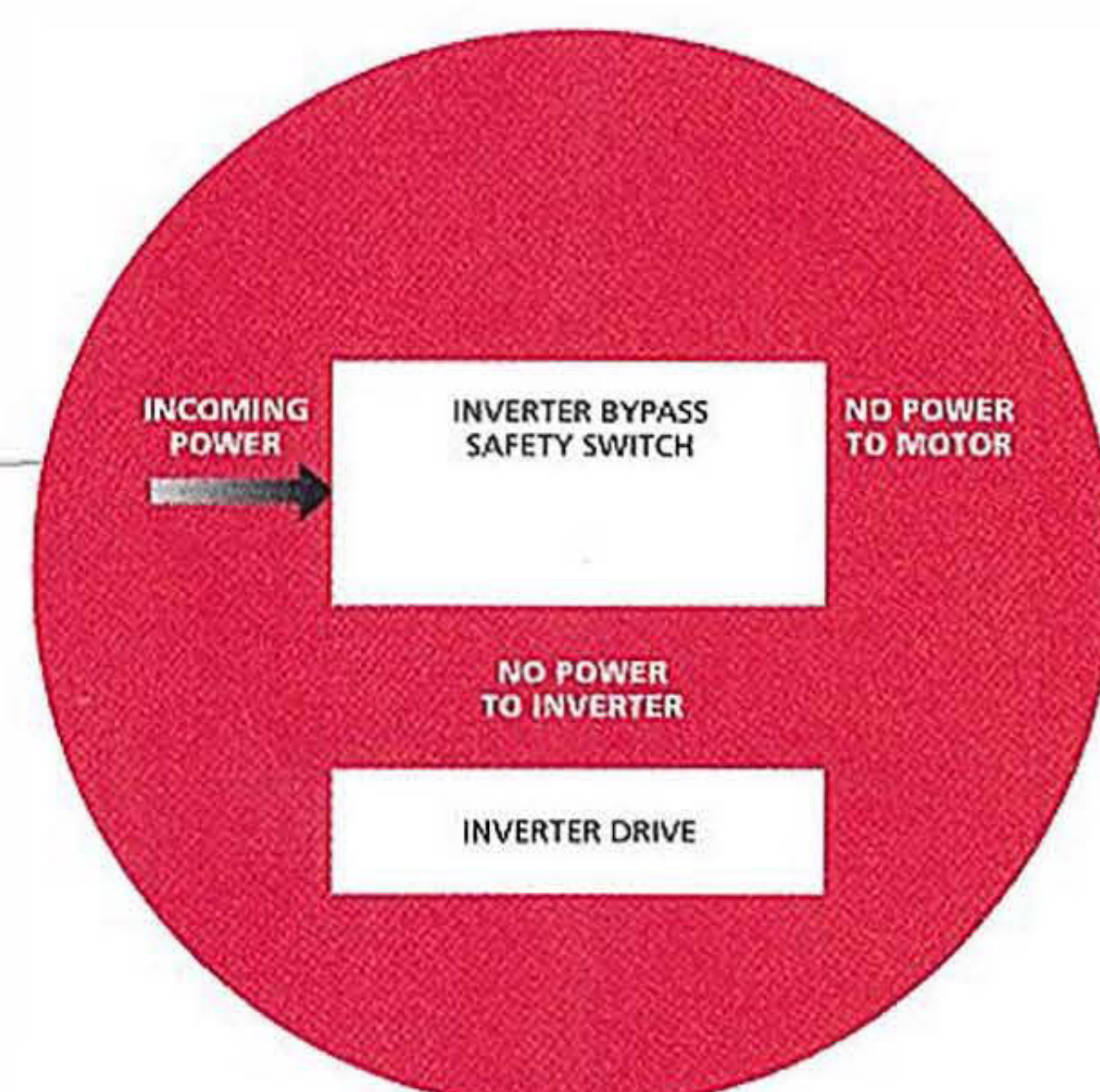
Drive Position

Power goes through the switch to the inverter drive, from the inverter drive back through the switch and then on to the application.



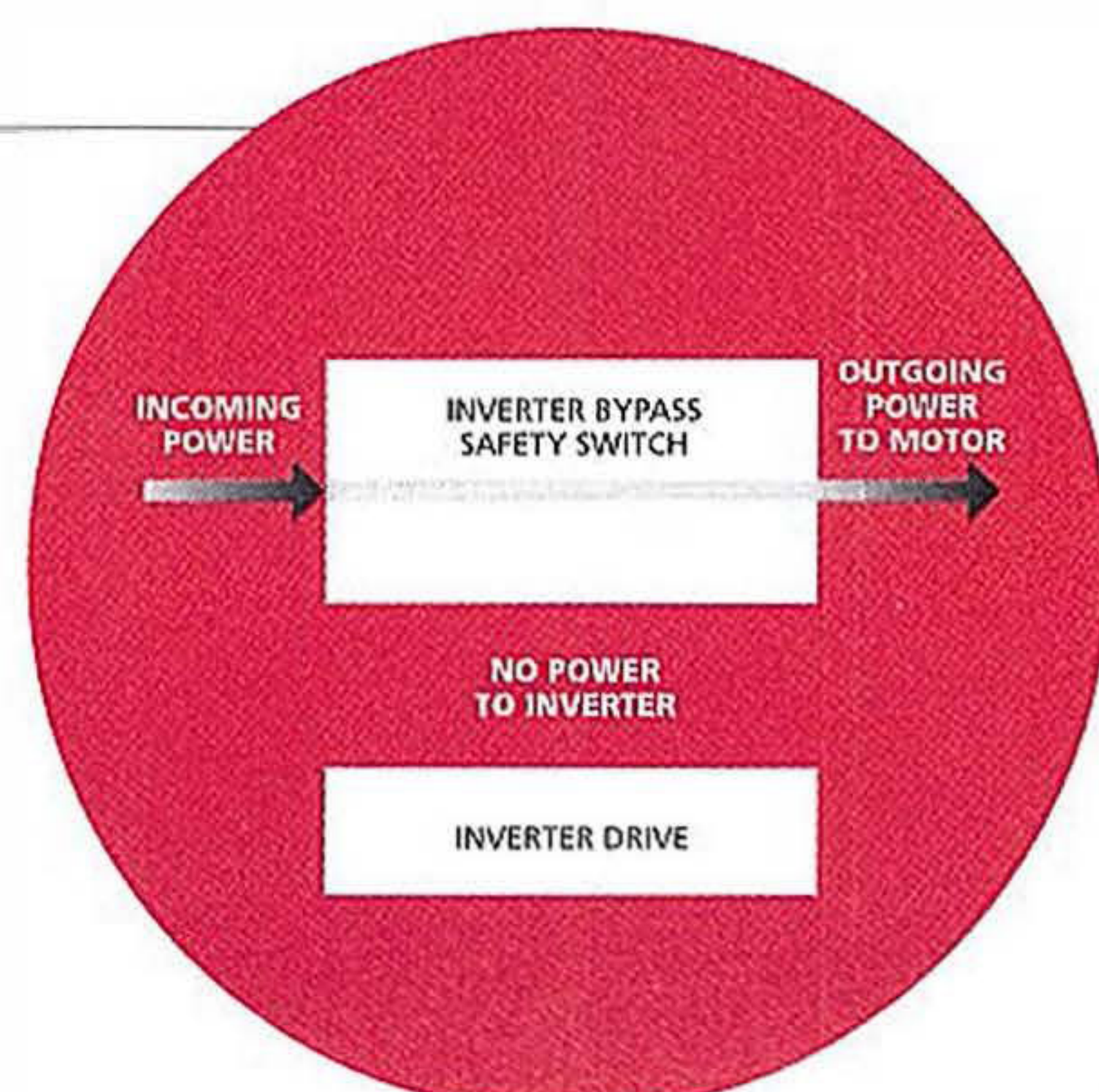
Test Position

Power goes through the switch to the input of the drive. No Power goes to the application. The Test position allows calibration, adjustments, and diagnostics to be performed on the inverter drive without operating the motor.



Off Position

Power is stopped at the switch. No power is routed to either the inverter drive or on to the motor.



Bypass Position

Power is routed through the switch directly to the motor. In Bypass, No Power is routed to the inverter drive from either the incoming power line or the outgoing power line. The motor continues receiving Full - Direct power.