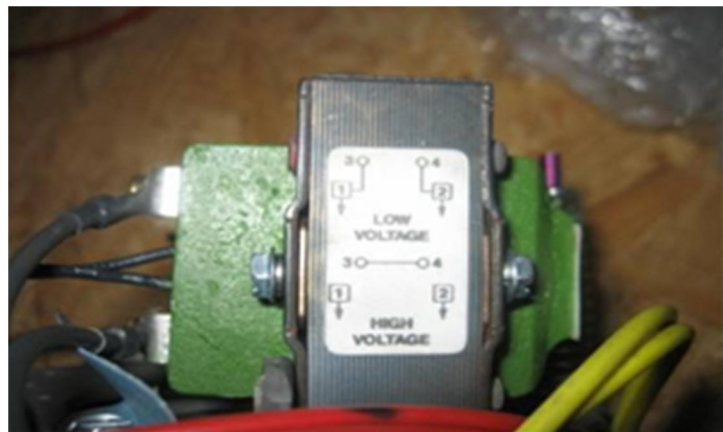
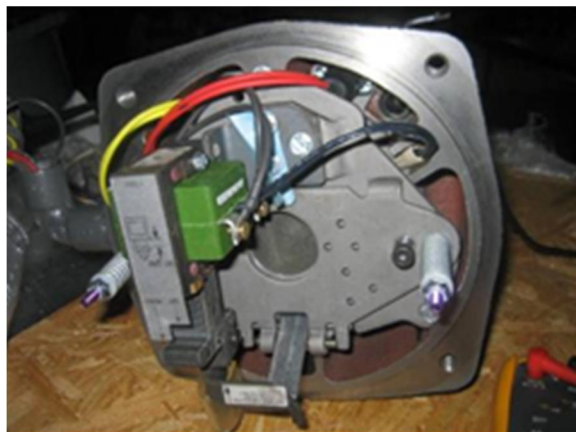
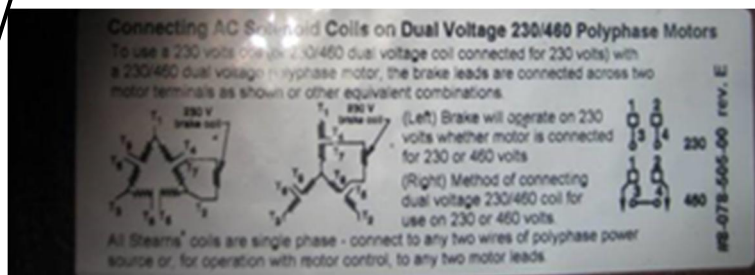


Summary	Selecting proper voltage for coil on explosion-proof motors				
Products Affected	Predadoor NXT, Pharma Roll, Turbo Seal Self repair.				
Key Word Tags	Brake Wires, Explosion-Proof, Intrinsic				
Tools/Equipment (If Required)					
Parts/Materials (If Required)					
Related Media					
Author	Thomas Jollie, RevA M. Burzlaff	Issue Date	8/24/2009	Status	Active

The wiring in the explosion proof motor consists of two separate wiring harnesses; the motor and overload protection wiring, and the brake and TSW1 and TSW2 wiring. The brake wiring will contain 2 yellow wires, 2 black wires and 2 red wires. The yellow wires will not be used. The red wires are connected in series with the power to the Gateway. The 2 black wires are the brake coil wires.



The black wires from this elbow are for the brake coil.



When hooking up 230vac to this brake, the brake cover must be removed, and the coil must be wired according to the diagram on the coil. Wire 3 will connect to terminal 1 and one of the black wires exiting the brake housing. Wire 4 will connect to terminal 2 along with the remaining black wire.

For a 460vac setup, wires 3 and 4 will be wired together, and terminal 1 will get one black wire, and terminal 2 will get the other.

If you have any questions please contact Rytec Customer Support at 1-800-628-1909.