Dematic Support | Joe Certo

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Case
00035703

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Case Detail

Case Number	00035703	Previous Case ID	11046178
Case Owner	Michael Raymond		
Account Name	Certo Brothers - West Seneca, NY		
Contact Name	Ken Certo		
Status	Closed		
Category	Electrical		
Priority	3		
Priority Description	System Operational		

Information

Subject	PLC: Unit 600600 pushes the lead case through the package present photo eye ont
Description	PLC: Unit 600600 pushes the lead case through the package present photo eye onto Unit 600700 from the momentum of the slug.
Resolution	Engineering to correct.

System Information

Date/Time Opened	11/21/2006 3:14 AM	Date/Time Closed	12/17/2006 1:39 PM
Created By	Michael Raymond, 11/21/2006 3:14 AM	Last Modified By	Derek Camp, 1/22/2015 8:24 AM

Comments

Comments

Public Comment	Name	Date Time
1. Ask Certo to check that the dynamic brake on U600600 is wired to the freq drive properly.. Have them Ohm out the brake, with the wires disconnected, to see if it is still good. 2. If the dynamic brake is wired properly and Ohms out then lets ask Certo to move the photoeye upstream a little. The amount we move it depends on how badly we are overshooting. We will have to coordinate this effort with Certo because we have to adjust some training parameters. We should then monitor the changes during the next run for Certo to verify that they are working. We should be able to handle our PLC changes remotely. We should also be able to elminate or minimize the chances of stranding a small case by how we handle the training parameters. 3. As a last resort, we can ask Certo to slow down the inbound units.	Michael Raymond	9/22/2014 9:05 AM
The customer has investigated the brake and found correct operations. I updated engineering.	Michael Raymond	9/22/2014 9:05 AM
I discussed the issue with Ken and he indicated that U600600 accumulation is pushing the lead carton onto U600700 and Chris Yoder had investigated but has not given direction on how to proceed. I will follow up with Chris.	Michael Raymond	9/22/2014 9:05 AM
Email from Chris Yoder U600600 is a long belt on a freq drive with an external brake resistor. U600700 is also a belt unit. We have attempted to adjust the decel time and decel profile in the freq drive on 600600 several times. The decel is set at 0.2 sec. with a ramp type profile. Other settings that we have tried result in freq drive faults when trying to stop. The problem only occurs with the heavier cartons. We have tried setting up a DC Brake stop profile, but this resulted in more freq drive faults. Perhaps there is some merit to continuing this effort in an attempt to find that perfect setup. If we move the photoeye upstream to give us more room to stop, we also need to retrain the tracking parameters along that unit. We would then run the risk of leaving a small carton on 600600 downstream of the photoeye. Maybe we should look at adding a brake on that unit?	Michael Raymond	9/22/2014 9:05 AM

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