

# DEALER SERVICE BULLETIN

**Number:** DSB14-0014J

**Date:** 1/9/15

**Supersedes:** DSB14-0014D

**Title:** Control Circuit Breaker Recall

**PRODUCT CATEGORY:**

Commercial Split Systems

Chiller (30 Series)

Large Rooftops

Light Commercial Splits

Small & Medium Rooftops

Water Source Heat Pumps

**MODELS AFFECTED:**

Bryant: 548J, 549J, 551J, 558J, 569J, 575J, 580J, 581J

Carrier: 09DP, 30RAP, 38AH, 38AK, 38AP, 38AU, 48/50A, 48/50HC, 48/50TC, 48/50LC, 48/50P, 48/50N, 50BV, 50HT, 50HTQ, 50HCQ, 50TCQ, 50HQP, 50PSW, 50VQP

**Serial Numbers:** Refer to  
Table 2 and Table 3

## MANDATORY SAFETY REWORK

**SITUATION:**

Bryant and Carrier have been informed by the manufacturer that some control circuit breaker(s) may fail to open if an over-current condition occurs. After further investigation and inspection, our supplier has adjusted the population of affected control circuit breakers and control transformers. Thus, the new population of affected units that incorporate a control transformer with integral circuit breaker is within the serial number range identified in Tables 2 and 3. Units that incorporate control circuit breaker(s) with a date code of 1423 (June 2, 2014) through 1445 (November 8, 2014) and the unit serial number is within the serial number range identified in Table 3 are affected. See for date code format in Figure 1, 2 and 4.

The manufacture's part number listed on the circuit breaker is W28-xxxx. The affected control circuit breaker and control transformer replacement component part numbers are as follows:

**Table 1 - Component Part Numbers**

Circuit Breakers		Control Transformers
HH680727	HH83ZB011	HT01BD202
HH680734	W28-XQ1A-12	HT01BD602
HH83ZB008		HT01BD702
HH83ZB009		HT01BD902
HH83ZB010		T111603026

**Table 2 - Bryant Model and Serial Number Range**

Product	Voltage	Model Number Voltage		Unit Serial Number Range	Replacement Part Number	
		Digit	Value		Transformer	Circuit Breaker
548J 549J 551J	208/230	5	J or P	3814C-4814C 3814P-4814P	HT01BD202	
558J 569J 575J	460	5	E	4314C-4814C 4314P-4814P	HT01BD702	
580J 581J	575	5	T	4314C-4814C 4314P-4814P	HT01BD902	

**Table 3 - Carrier Model and Serial Number Range**

Product	Voltage	Model Number Voltage		Unit Serial Number Range	Replacement Part Number	
		Digit	Value		Transformer	Circuit Breaker
09DPM	208/230	9	5	3814Q-4814Q	HT01BD202	
035-130	460	9	6	4314Q-4814Q	HT01BD702	
30RAP 010-060	All			3314Q-4814Q		HH83ZB010 HH83ZB011
30RAP 070-150	208/230	9	5	3314Q-4814Q	HT01BD202	HH83ZB010 HH83ZB011 W28-XQ1A-12
	400	9	9		HT01BD602	
	460	9	6		HT01BD702	
	575	9	1		HT01BD902	
38AH 024-034	All			3314Q-4814Q		HH83ZB008 HH83ZB011
38AKS 028-044	All			3314Q-4814Q		HH83ZB008 HH83ZB011
38AP 025-065	All			3314Q-4814Q		HH83ZB010 HH83ZB011
38AP 070-130	208/230	9	5	3314Q-4814Q	HT01BD202	HH83ZB010 HH83ZB011
	380	9	2		HT01BD502	
	400	9	9		HT01BD602	
	460	9	6		HT01BD702	
	575	9	1		HT01BD902	
38AU	208/230	12	3 or 5	3814C-4814C 3814P-4814P	HT01BD202	
	400	12	9	3614C-4814C 3614P-4814P	HT01BD602	
	460	12	6	4314C-4814C 4314P-4814P	HT01BD702	
	575	12	1	4314C-4814C 4314P-4814P	HT01BD902	
48/50A	All			4014U-4814U		HH83ZB008 HH680727 HH680734
48/50HC 48/50LC 48/50TC	208/230	12	3 or 5	3814C-4814C 3814P-4814P	HT01BD202	
50HCQ 50TCQ	400	12	9	3614C-4814C 3614P-4814P	HT01BD602	
50HT	460	12	6	4314C-4814C 4314P-4814P	HT01BD702	

Product	Voltage	Model Number Voltage		Unit Serial Number Range	Replacement Part Number	
		Digit	Value		Transformer	Circuit Breaker
50HTQ	575	12	1	4314C-4814C 4314P-4814P	HT01BD902	
48/50N	All			4014U-4814U		HH83ZB008 HH83ZB009 HH680727
48/50P	All			4014U-4814U		HH83ZB008 HH83ZB009 HH680727
50BV	All			2814V-4714V	T111603026	
50HQP	All			2814V-4714V		
50PSW	All			2814V-4714V		
50VQP	All			2814V-4714V		

**SOLUTION:**

Control circuit breakers manufactured starting with date code prior to 1423 (June 2, 2014) or after 1445 (November 8, 2014) meet the component specifications. Units falling out side of this affected date range may be released from the previous quality hold and are cleared for shipment and sale.

For information regarding specific models and serial numbers affected and required replacement parts, contact your Distributor.

**Factory Action:** Units manufactured prior to and after the serial number range listed in

Table 2 and Table 3 are manufactured with properly functioning control circuit breakers and control transformer with integral circuit breaker. Units within the serial number range that have been reworked at the factory can be identified by a colored dot located as shown in Figure 3, 5 and 6.

**Field Action:** Replace control transformer with integral circuit breaker if unit serial number is within the affected serial number range identified in Tables 2 and 3, and the control transformer has a date code within the following range:

Transformer Part Number	Transformer Date Code
HT01BD202	J1435 to J1448
HT01BD602	J1429 to J1448
HT01BD702	J1439 to J1448
HT01BD902	J1437 to J1448
T111603026	H3414 or H3714

Replace control circuit breaker if date code is 1423 (June 2, 2014) through 1445 (November 8, 2014) and unit serial number is within the affected serial number range identified in Table 3. Complete the attached check sheet and return as indicated. All field reworked defective circuit breakers (individually or integral with control transformer) in installed equipment (those at a job site or customer location and not in inventory) should be rendered inoperable and disposed of in an EPA certified manner.

**Parts/Kits:** Order parts as necessary.

**POLICY:**

1. All models in Distributor inventory will be allowed one-half (0.5) hour of labor and parts for each unit to replace the circuit breaker(s) or control transformer with integral circuit breaker.
2. For models 38AU, 48/50HC, 48/50TC, 48/50LC, 50BV, 50HT, 50HTQ, 50HCQ, 50TCQ, 50HQP, 50PSW, 50RTP, 50VQP, 548J, 549J, 551J, 558J, 569J, 575J, 580J, 581J units installed at a site, one (1) hour of travel, one-half (0.5) hour of labor and parts will be allowed for the first unit at a site. One-half (0.5) hour of labor and parts will be allowed for each additional unit at the same site.
3. For models 09DP, 30RAP, 38AH, 38AK, 38AP, 48/50A, 48/50P, and 48/50N units installed at a site, one (1) hour of travel, one (1) hour of labor and parts will be allowed for the first unit at a site. One (1) hour of labor and parts will be allowed for each additional unit at the same site.

Labor Code	Labor Policy		Work Completed
	Single Unit	Additional Units	
A	Unit Model: All Distributor Inventory		
	0.5 hour each	0.5 hour each	Distributor Inventory rework.
B	Unit Models: 50BV, 50HQP, 50PSW, 50VQP		
	1.5 hours	0.5 hour each	Replace control transformer with integral circuit breaker or circuit breaker. Qty. as required.
C	Unit Models: 38AU, 48/50HC, 48/50LC, 48/50TC, 50HCQ, 50TCQ, 50HT, 50HTQ, 548J, 549J, 551J, 558J, 569J, 575J, 580J, 581J		
	1.5 hours	0.5 hour each	Replace control transformer with integral circuit breaker or circuit breaker. Qty. as required.
D	Unit Model: 09DP, 30RAP, 38AH, 38AK, 38AP, 48/50A, 48/50N, 48/50P		
	2.0 hours	1.0 hour each	Replace control transformer with integral circuit breaker or circuit breaker(s). Qty. as required.
	2.0 hours	1.0 hour each	Replace control transformer with integral circuit breaker or circuit breaker(s). Qty. as required.

**Expiration date of bulletin is 12/31/2019**

## TRANSFORMER PRODUCTION DATE CODE

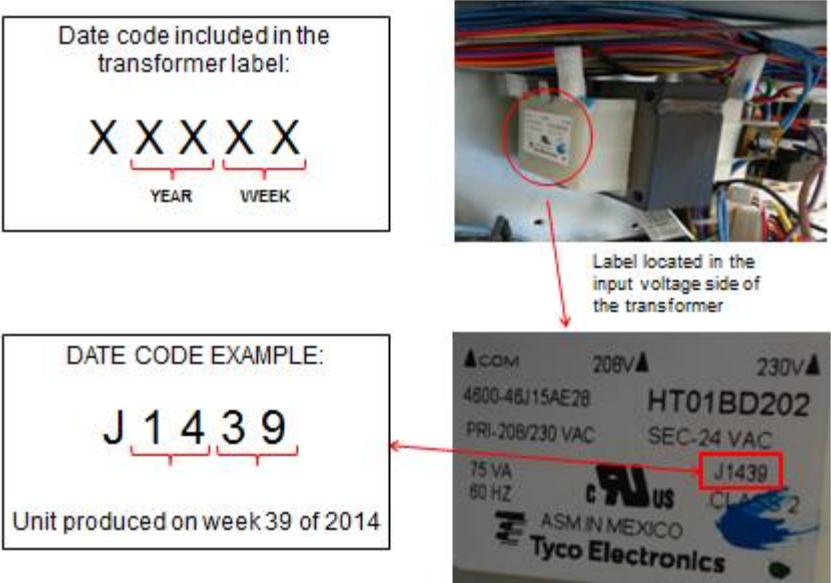


Figure 1 - Transformer Date Code Information all units (except S/N xxxxVxxxxx)

## BREAKER PRODUCTION DATE CODE

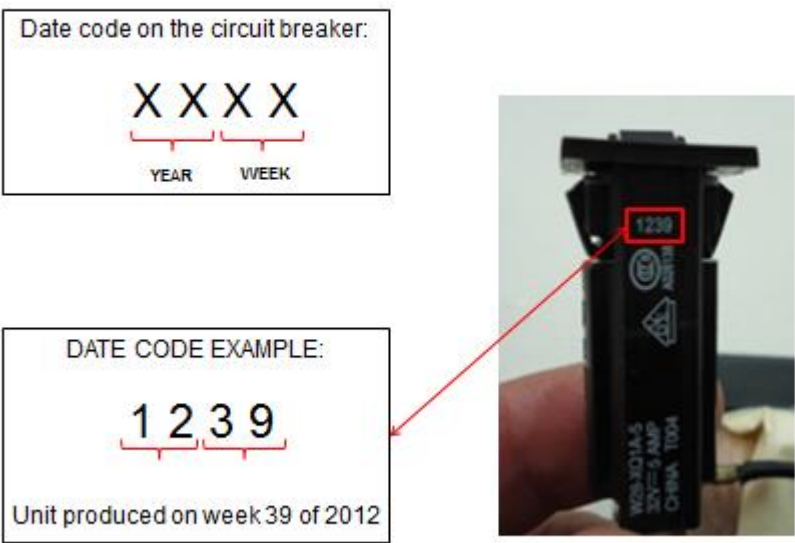






Figure 2 - Circuit Breaker Date Code Information

Rework Verification S/N xxxxQxxxxx



Rework Verification  
S/N xxxxCxxxxx, xxxxPxxxxx, xxxxUxxxxx

	Title	Identification of units with circuit breaker certified	Date	11/24/2018
VISUAL AID				
<div>Green dot clean points</div>				
SUPERMARKETS	 <p>The control boxes with certified Circuit Breaker will be identified with green dots in the transformer and also in the control box label</p>			
WIP	 <p>Both master keys are going to be identified with the green dot to track the WIP units in the assy lines</p>			
FINISH GOODS	 <p>Both shipping labels are going to be identified with the green dot</p>			

11/24/2018 10:00:00 AM 11/24/2018 10:00:00 AM 11/24/2018 10:00:00 AM 11/24/2018 10:00:00 AM

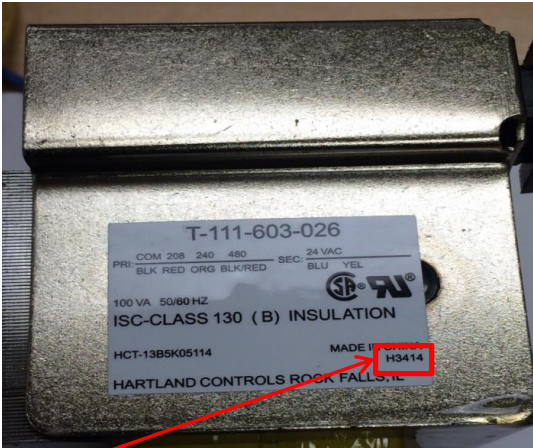
Figure 3 - Rework Verification



TRANSFORMER PRODUCTION DATE CODE

Date code included in the  
Transformer label

X X X X X  
WEEK YEAR



Date code of transformer with  
Integral circuit breaker affected

H3414 (produced on week 34 of 2014)

H3714 (produced on week 37 of 2014)

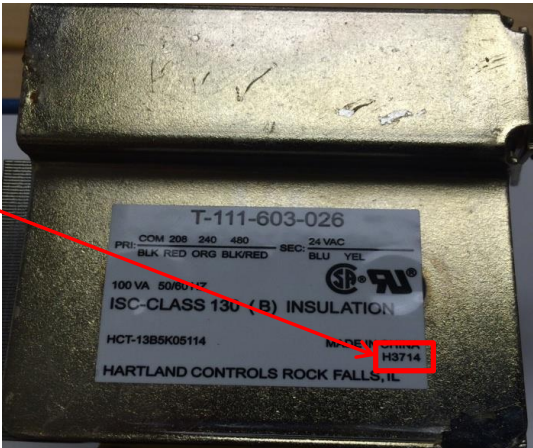
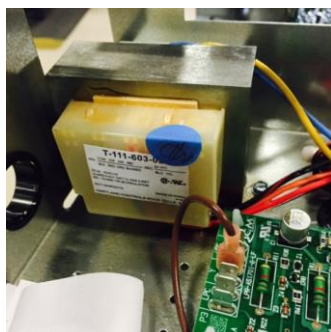


Figure 4 - Transformer Date Code Information S/N xxxxVxxxxx

### Rework Verification S/N xxxxVxxxxx



**Figure 5 – Transformers reworked by manufacturer and marked with green dot are appropriate for use**



**Certified transformers assembled on the electrical box have a blue dot if date code is lower than H2014 or a green dot if date code is H2014 or higher**



**Figure 6 – Identification of transformers certified as conforming are shown below assembled in the electrical box**

**Warning: Do not perform any of the servicing instructions provided in this Service Bulletin unless you are a trained and qualified technician. Observe all precautions in the instructions, equipment tags, labels and observe all other safety precautions that may apply. Failure to follow this warning could result in property damage, personal injury or death.**



**Appendix A**  
**Control Circuit Breaker Rework Verification Sheet**

**Complete this form and attach to  
Service Bench claim.**

**FORM MUST BE RETURNED  
IMMEDIATELY AFTER  
COMPLETING REPAIR**

<b>I) JOB SITE &amp; SERVICING CONTRACTOR INFORMATION:</b>		
	JOB SITE:	SERVICER/DISTRIBUTOR:
NAME:		
ADDRESS:		
CITY, STATE, ZIP:		
CONTACT:		
PHONE:		
FAX OR E-MAIL :		

<b>II) UNIT INFORMATION:</b>	
MODEL #:	SERIAL #:

☐ Unit has been inspected and contains components with date codes outside the range of:

Component	Date Code
All Control Circuit Breakers	1423 to 1445
HT01BD202 Transformer	J1435 to J1448
HT01BD602 Transformer	J1429 to J1448
HT01BD702 Transformer	J1439 to J1448
HT01BD902 Transformer	J1437 to J1448
T111603026 Transformer	H3414 or H3714

☐ Circuit breaker(s) replaced.      Qty. \_\_\_\_\_

☐ Control transformer(s) replaced.      Qty. \_\_\_\_\_

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I certify that the information contained herein is accurate and complete and that I have destroyed or returned them in accordance with the instructions contained in DSB14-0014C.

Technician: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_