



Inspection Report - Relay Tests & Inspections

Division: CALT	Asset ID: PII [REDACTED]
Subdivision: SAN JOSE	Test Date: 05/18/2015
Milepost (with Prefix): CT 10.44 - 10.44	State: CA
Location / Highway Name: CP SCOTT REMOTE HOUSE WITH GCP REMOTE START UNITS	
County: NO DATA	
Employee's Name: Patrick Murphy (pmurphy)	Job Number: PII [REDACTED]

Conditions Master Key

- C = Test completed, condition left in compliance.
- R = Replacements made (identified in associated comments), test completed, and condition left in compliance.
- V = Visual inspection completed, condition left in compliance.
- NT = The equipment was not tested in this inspection.
- N = No inspection required. The given relay does not require inspection at this time.

Relay Tests (FRA 234.263, 236.106)				
Shelf Name 3B	Relay Name 1ATR	Serial Number 1010210	Condition Left C	
Relay Type (Drawing and/or Catalog Number) ST (400510 / 400510)		Resistance (Ohms) 2	Contacts 4FB-2F-1B	Date Tested 05/18/2015
Neutral Dropaway 0.0800 A DC		Neutral Pickup 0.1390 A DC		Neutral Working 0.1580 A DC
Shelf Name 3B	Relay Name 2ATR	Serial Number 1010209	Condition Left C	
Relay Type (Drawing and/or Catalog Number) ST (400510 / 400510)		Resistance (Ohms) 2	Contacts 4FB-2F-1B	Date Tested 05/18/2015
Neutral Dropaway 0.0760 A DC		Neutral Pickup 0.1400 A DC		Neutral Working 0.1580 A DC
Shelf Name 3B	Relay Name 3T1R	Serial Number 1012036	Condition Left C	
Relay Type (Drawing and/or Catalog Number) ST (400510 / 400510)		Resistance (Ohms) 2	Contacts 4FB-2F-1B	Date Tested 05/18/2015
Neutral Dropaway 0.0790 A DC		Neutral Pickup 0.1450 A DC		Neutral Working 0.1580 A DC
Shelf Name 3B	Relay Name 3T2R	Serial Number 1012037	Condition Left C	
Relay Type (Drawing and/or Catalog Number) ST (400510 / 400510)		Resistance (Ohms) 2	Contacts 4FB-2F-1B	Date Tested 05/18/2015
Neutral Dropaway 0.0830 A DC		Neutral Pickup 0.1470 A DC		Neutral Working 0.1580 A DC
Shelf Name 3C	Relay Name 102-1STCR	Serial Number 1009580	Condition Left C	
Relay Type (Drawing and/or Catalog Number) ST (400000 / 400000)		Resistance (Ohms) 500	Contacts 6FB	Date Tested 05/18/2015
Neutral Dropaway 0.0065 A DC		Neutral Pickup 0.0116 A DC		Neutral Working 0.0121 A DC
Shelf Name 3C	Relay Name 102-2STCR	Serial Number 1009605	Condition Left C	
Relay Type (Drawing and/or Catalog Number) ST (400000 / 400000)		Resistance (Ohms) 500	Contacts 6FB	Date Tested 05/18/2015
Neutral Dropaway 0.0056 A DC		Neutral Pickup 0.0117 A DC		Neutral Working 0.0121 A DC
Shelf Name 3C	Relay Name 102-1SUAXR	Serial Number 1009607	Condition Left C	
Relay Type (Drawing and/or Catalog Number) ST (400000 / 400000)		Resistance (Ohms) 500	Contacts 6FB	Date Tested 05/18/2015
Neutral Dropaway 0.0062 A DC		Neutral Pickup 0.0115 A DC		Neutral Working 0.0121 A DC
Shelf Name 3C	Relay Name 102-2SUAXR	Serial Number 1009616	Condition Left C	
Relay Type (Drawing and/or Catalog Number) ST (400000 / 400000)		Resistance (Ohms) 500	Contacts 6FB	Date Tested 05/18/2015
Neutral Dropaway 0.0058 A DC		Neutral Pickup 0.0117 A DC		Neutral Working 0.0121 A DC
Shelf Name 4B	Relay Name 106-1NUAXR	Serial Number 1009617	Condition Left C	
Relay Type (Drawing and/or Catalog Number) ST (400000 / 400000)		Resistance (Ohms) 500	Contacts 6FB	Date Tested 05/18/2015
Neutral Dropaway 0.0064 A DC		Neutral Pickup 0.0120 A DC		Neutral Working 0.0121 A DC

Relay Tests (FRA 234.263, 236.106)

Shelf Name 4B	Relay Name 106-2NUAXR	Serial Number 1009608	Condition Left C
Relay Type (Drawing and/or Catalog Number) ST (400000 / 400000)		Resistance (Ohms) 500	Contacts 6FB
Neutral Dropaway 0.0065 A DC		Neutral Working 0.0121 A DC	
Shelf Name 1E	Relay Name 4NSTOP	Serial Number 1010074	Condition Left C
Relay Type (Drawing and/or Catalog Number) ST (400023 / 400023)		Resistance (Ohms) 500	Contacts 6FB HD
Neutral Dropaway 0.0058 A DC		Neutral Working 0.0165 A DC	
Shelf Name 1E	Relay Name 2NSTOP	Serial Number 1010073	Condition Left C
Relay Type (Drawing and/or Catalog Number) ST (400023 / 400023)		Resistance (Ohms) 500	Contacts 6FB HD
Neutral Dropaway 0.0086 A DC		Neutral Working 0.0147 A DC	
Shelf Name 1F	Relay Name 3NWR	Serial Number 1009704	Condition Left C
Relay Type (Drawing and/or Catalog Number) ST (400520 / 400520)		Resistance (Ohms) 500	Contacts 2F-2B EHD
Neutral Dropaway 0.0083 A DC		Neutral Working 0.0190 A DC	
Shelf Name 1F	Relay Name 3RWR	Serial Number 1009702	Condition Left C
Relay Type (Drawing and/or Catalog Number) ST (400520 / 400520)		Resistance (Ohms) 500	Contacts 2F-2B EHD
Neutral Dropaway 0.0084 A DC		Neutral Working 0.0180 A DC	
Shelf Name 1F	Relay Name 3ANWR	Serial Number 1009701	Condition Left C
Relay Type (Drawing and/or Catalog Number) ST (400520 / 400520)		Resistance (Ohms) 500	Contacts 2F-2B EHD
Neutral Dropaway 0.0081 A DC		Neutral Working 0.0190 A DC	
Shelf Name 1F	Relay Name 3ARWR	Serial Number 1011706	Condition Left C
Relay Type (Drawing and/or Catalog Number) ST (400520 / 400520)		Resistance (Ohms) 500	Contacts 2F-2B EHD
Neutral Dropaway 0.0081 A DC		Neutral Working 0.0190 A DC	



Inspection Report

Relay Tests & Inspections

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Subdivision: SAN JOSE

Test Date: 05/05/2019

Milepost: CT 10.44 - 10.44

State: CA

Location: CP SCOTT REMOTE HOUSE WITH GCP REMOTE START UNITS

County:

Employee's Name: Yahir Beniyah

Job Number: PII [REDACTED]

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Relay Tests (FRA 234.263, 236.106)

Shelf Name	Relay Name	Tested	Condition	Comments:	Contacts
3B	1ATR	05/05/2019	C		
Relay ST (400510 / 400510)	Serial No. 1010210	Type (Drawing/Catalog No.) ST (400510 / 400510)	Resistance 2	Contacts 4FB-2F-1B	
	Neutral Dropaway 0.0772 A DC		Neutral Pickup 0.1368 A DC	Neutral Working 0.1368	
3B	2ATR	05/05/2019	C		
Relay ST (400510 / 400510)	Serial No. 1010209	Type (Drawing/Catalog No.) ST (400510 / 400510)	Resistance 2	Contacts 4FB-2F-1B	
	Neutral Dropaway 0.0768 A DC		Neutral Pickup 0.1442 A DC	Neutral Working 0.1442	
3B	3T1R	05/05/2019	C		
Relay ST (400510 / 400510)	Serial No. 1012036	Type (Drawing/Catalog No.) ST (400510 / 400510)	Resistance 2	Contacts 4FB-2F-1B	
	Neutral Dropaway 0.0776 A DC		Neutral Pickup 0.1397 A DC	Neutral Working 0.1397	
3B	3T2R	05/05/2019	C		
Relay ST (400510 / 400510)	Serial No. 1012037	Type (Drawing/Catalog No.) ST (400510 / 400510)	Resistance 2	Contacts 4FB-2F-1B	
	Neutral Dropaway 0.0849 A DC		Neutral Pickup 0.1524 A DC	Neutral Working 0.1524	

Shelf Name 3C	Relay Name 102-1STCR	Tested 05/05/2019	Condition C		Contacts 6FB
			Comments:		
Relay ST (400000 / 400000)	Serial No. 1009580	Type (Drawing/Catalog No.) ST (400000 / 400000)	Resistance 500		Contacts 6FB
	Neutral Dropaway 0.0066 A DC		Neutral Pickup 0.0122 A DC	Neutral Working 0.0122	
Shelf Name 3C	Relay Name 102-2STCR	Tested 05/05/2019	Condition C		Contacts 6FB
			Comments:		
Relay ST (400000 / 400000)	Serial No. 1009605	Type (Drawing/Catalog No.) ST (400000 / 400000)	Resistance 500		Contacts 6FB
	Neutral Dropaway 0.0058 A DC		Neutral Pickup 0.0127 A DC	Neutral Working 0.0127	
Shelf Name 3C	Relay Name 102-1SUAXR	Tested 05/05/2019	Condition C		Contacts 6FB
			Comments:		
Relay ST (400000 / 400000)	Serial No. 1009607	Type (Drawing/Catalog No.) ST (400000 / 400000)	Resistance 500		Contacts 6FB
	Neutral Dropaway 0.0064 A DC		Neutral Pickup 0.0121 A DC	Neutral Working 0.0121	
Shelf Name 3C	Relay Name 102-2SUAXR	Tested 05/05/2019	Condition C		Contacts 6FB
			Comments:		
Relay ST (400000 / 400000)	Serial No. 1009616	Type (Drawing/Catalog No.) ST (400000 / 400000)	Resistance 500		Contacts 6FB
	Neutral Dropaway 0.0060 A DC		Neutral Pickup 0.0120 A DC	Neutral Working 0.0120	
Shelf Name 4B	Relay Name 106-2NUAXR	Tested 05/05/2019	Condition C		Contacts 6FB
			Comments:		
Relay ST (400000 / 400000)	Serial No. 1009608	Type (Drawing/Catalog No.) ST (400000 / 400000)	Resistance 500		Contacts 6FB
	Neutral Dropaway 0.0068 A DC		Neutral Pickup 0.0129 A DC	Neutral Working 0.0129	
Shelf Name 4B	Relay Name 106-1NUAXR	Tested 05/05/2019	Condition C		Contacts 6FB
			Comments:		
Relay ST (400000 / 400000)	Serial No. 1009617	Type (Drawing/Catalog No.) ST (400000 / 400000)	Resistance 500		Contacts 6FB
	Neutral Dropaway 0.0068 A DC		Neutral Pickup 0.0122 A DC	Neutral Working 0.0122	
Shelf Name 1E	Relay Name 4NSTOP	Tested 05/05/2019	Condition C		Contacts 6FB HD
			Comments:		
Relay ST (400023 / 400023)	Serial No. 1010074	Type (Drawing/Catalog No.) ST (400023 / 400023)	Resistance 500		Contacts 6FB HD
	Neutral Dropaway 0.0062 A DC		Neutral Pickup 0.0115 A DC	Neutral Working 0.0115	
Shelf Name 1E	Relay Name 2NSTOP	Tested 05/05/2019	Condition C		Contacts 6FB HD
			Comments:		
Relay ST (400023 / 400023)	Serial No. 1010073	Type (Drawing/Catalog No.) ST (400023 / 400023)	Resistance 500		Contacts 6FB HD
	Neutral Dropaway 0.0097 A DC		Neutral Pickup 0.0151 A DC	Neutral Working 0.0151	

Shelf Name 1F	Relay Name 3NWR	Tested 05/05/2019	Condition C		Comments: _____
Relay ST (400520 / 400520)	Serial No. 1009704	Type (Drawing/Catalog No.) ST (400520 / 400520)	Resistance 500		
	Neutral Dropaway 0.0087 A DC		Neutral Pickup 0.0186 A DC		Neutral Working 0.0186
Shelf Name 1F	Relay Name 3RWR	Tested 05/05/2019	Condition C		Comments: _____
Relay ST (400520 / 400520)	Serial No. 1009702	Type (Drawing/Catalog No.) ST (400520 / 400520)	Resistance 500		
	Neutral Dropaway 0.0090 A DC		Neutral Pickup 0.0183 A DC		Neutral Working 0.0183
Shelf Name 1F	Relay Name 3ANWR	Tested 05/05/2019	Condition C		Comments: _____
Relay ST (400520 / 400520)	Serial No. 1009701	Type (Drawing/Catalog No.) ST (400520 / 400520)	Resistance 500		
	Neutral Dropaway 0.0084 A DC		Neutral Pickup 0.0187 A DC		Neutral Working 0.0187
Shelf Name 1F	Relay Name 3ARWR	Tested 05/05/2019	Condition C		Comments: _____
Relay ST (400520 / 400520)	Serial No. 1011706	Type (Drawing/Catalog No.) ST (400520 / 400520)	Resistance 500		
	Neutral Dropaway 0.0083 A DC		Neutral Pickup 0.0193 A DC		Neutral Working 0.0193