



# San Diego Unified School District

PHYSICAL PLANT OPERATIONS CENTER ANNEX  
4860 Ruffner Street, San Diego, CA 92111-1522

(858) 496-1902  
Fax: (858) 496-1953

Graham Champion  
Labor Compliance and  
Construction Contracts Supervisor

August 24, 2018

Mr. David Ott  
SunPower Corporation, Systems  
1414 Harbour Way South, Suite 1901  
Richmond, CA 94804  
David.Ott@sunpower.com

Dear Mr. Ott:

**Subject: PS17-0128-02 – Design and Construction of Solar Power Generation Systems at District Sites (SDUSD Project #93570075.1)**

**Notice to Proceed: No 11R4 – Replace Existing Failed Breaker at Serra High School**

This letter constitutes your revised notice to proceed with construction work at Serra HS per your attached proposal COR NO: 16 with the scope of work breakdown dated July 20, 2018, for the not-to-exceed amount of \$10,851.93.

Work on the original NTP began June 15, 2017, and is to be completed by August 27, 2018.

Please refer to this NTP number on all your correspondence and invoices.

Original invoice should be sent to:

San Diego Unified School District  
PPO Center, Attn: Catherine Bendixen  
4860 Ruffner Street  
San Diego, CA 92111

Please call your construction manager if you have any questions regarding this NTP. Invoicing inquiries should be directed to Catherine Bendixen at (858) 637-6246.

Sincerely,

  
Graham Champion  
Labor Compliance and Construction Contracts Supervisor

GC: mf

Attachments

C: Mike Clark, PM, Sydney Hawkins, Coordinator, Nevine Grosso, CM, Norm Shertzman, IOR  
PSA Dept.



**Change Order Request**

**FROM:**  
**SunPower Corporation, Systems**  
 Contractor's Name  
**9275 Sky Park Ct, Suite 105**  
 Contractor's Address  
**San Diego, CA 92122**  
 City State Zip  
**858-361-7615**  
 Telephone

**COR NO.:** 16

**DATE:** 07/20/18

**PROJECT:** PS-17-0128-02 (Serra High School)

**LOCATION:** 5156 Santo Rd, San Diego, CA 92124

**TO:**  
**Nevine Grosso**  
 Client's Name  
**4100 Normal Street**  
 Client's Address  
**San Diego, CA 92103**  
 City State Zip  
 Telephone Fax

**SP PROJECT NO.:** 11559

This EXTRA WORK ORDER includes all material, labor and equipment necessary to complete the following work:

The work below was completed for the sum of.....  
Ten thousand eight hundred fifty one and 93/100 \$ 10,851.93

**DESCRIPTION**

SunPower is requesting financial compensation to replace the breaker at Serra HS that failed the coordination study. The work will be done during after hours on a weekend approved by SDUSD.

ITEM	DESCRIPTION	ADD	DEDUCT
<b>SUBCONTRACTOR PERFORMED WORK</b>			
1	Material	\$ 3,844.80	\$ -
2	Add Labor	\$ 3,116.51	\$ -
3	Add Equipment/Expenses	\$ 2,010.00	\$ -
4	<b>SUBTOTAL - (Item 1 + Item 2 + Item 3)</b>	\$ 8,971.31	\$ -
5	Subcontractor's Overhead and Profit @ 13.5% of item 4	\$ 1,211.13	\$ -
6	<b>SUBTOTAL - (Item 4 + Item 5)</b>	\$ 10,182.44	\$ -
7	Design Builder's Overhead and Profit @ 5% of item 6	\$ 509.12	\$ -
8	<b>SUBTOTAL - (Item 6 + Item 7)</b>	\$ 10,691.56	\$ -
9	Bonds and Insurance @ 1.5% of item 8	\$ 160.37	\$ -
10	<b>TOTAL SUBCONTRACTOR - (Item 8 + Item 9)</b>	\$ 10,851.93	\$ -
<b>DESIGN/BUILDER PERFORMED WORK</b>			
11	Material	\$ -	\$ -
12	Add Labor (8hrs x \$150/hr OT Rate for CM)	\$ -	\$ -
13	Add Equipment	\$ -	\$ -
14	<b>SUBTOTAL - (Item 11 + Item 12 + Item 13)</b>	\$ -	\$ -
15	Design/Builder's Overhead and Profit @ 13.5% of item 14	\$ -	\$ -
16	<b>SUBTOTAL - (Item 14 + Item 15)</b>	\$ -	\$ -
17	Bonds and Insurance @ 1.5% of item 16	\$ -	\$ -
18	<b>TOTAL SUBCONTRACTOR - (Item 16 + Item 17)</b>	\$ -	\$ -
19	<b>GRAND TOTAL - (Item 10 + Item 18)</b>	\$ 10,851.93	\$ -
20	<b>Time (Work Days)</b>	1	

The work covered by this order shall be performed under the same Terms and Conditions as that included in the original contract unless stated otherwise above.

Submitted by: \_\_\_\_\_  
 (Contractor's Signature)  
 \_\_\_\_\_  
 Date

Client Approval: \_\_\_\_\_  
 (Client's Signature)  
 \_\_\_\_\_  
 Date



2340 Meyers Avenue  
Escondido, CA 92029

[www.HMTElectric.com](http://www.HMTElectric.com)  
Lic. C10 # 973317  
Ph (858) 458-9771  
Fax (858) 458-9775

To: SunPower  
1414 Harbour Way South  
Richmond, CA 94804  
Phone: 510-540-0550

Date: March 14, 2018  
Project: Mira Mesa HS - SDUSD  
Job No: 88182

Attn: David Ott  
Subject: Breaker Replacement

## HMT CHANGE ORDER- BREAKER REPLACEMENT

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### Scope/Qualifications: Added SDGE Metering

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#### Included in this Change Order are the following:

1. This change order is based on Local 569 Labor Rates
  2. This change order contains pricing for HMT to provide and replace (3) breakers that failed the coordination study
  3. This change order contains pricing for HMT to complete this scope of work after hours on a weekend approved by SDUSD
  4. This change order contains pricing for HMT to supply a third party testing agency to test the required breakers, per SDGE specs
  5. Price is based off of the submittal attached, to be reviewed by the SDUSD engineers. Any additional parts or required once switch gear is opened up will be added to this cost
- 

#### Excluded from the Change Order are the following:

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1. Owner supplied material
  2. Bonds
  3. Permit fees
  4. Repair to unforeseen utilities
  5. Temporary power and lighting
  6. Traffic control
  7. Utility company charges
  8. Relocation of existing utilities
  9. Cost of repair to un-foreseen utilities
  10. Hazardous Material Removal
  11. Additional costs associated with any mobilization/re-mobilization
  12. Additional costs in delayed digging due to unforeseen circumstances
  13. Restriping of any damaged parking spaces
  14. Providing SDGE monitoring enclosures
  15. Installing SDGE monitoring equipment
  16. Overtime rates for installation after hours or on weekends
  17. Any additional costs for testing or third party inspections requested by SDUSD/SunPower IOR's.
  18. Any requests made by the project IOR will be an additional cost to this scope
  19. Any temp power or generators required for keeping kitchen and campus food services cool. This direction will need to be given by SDUSD and will pricing will be added accordingly
  20. Any additional coordination study, arc flash, or short circuit calculation and report editing
  21. Any replacement of breakers that do not re-energize once power is restored to the campus
  22. Security or added man power for school supervision during the shut down
  23. Recertification of gear by a third party testing agency
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Total cost of proposed Change Order \_\_\_\_\_ \$10,362.00

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Originated by HMT RENEWABLE ENERGY, INC.

Approved by \_\_\_\_\_

Signed: \_\_\_\_\_  
Brian Hoadley, Project Manager

Signed: \_\_\_\_\_

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

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*We reserve the right to correct this quote for errors and omissions. The value of this change includes only those direct costs that can be identified at this time. There are no impact, ripple, and/or delay costs included in this proposal. Additional charges may be billed should it be determined at a later date that we have or are incurring impact costs due to multiple/overlapping changes, delays or unanticipated causes beyond our control. No efforts will be expended on this change without written approval by a duly authorized representative of the contractor, architect, or owner.*



2340 Meyers Avenue  
 Escondido, CA 92029  
 Lic. # C10-973317  
 (858) 458-9771  
 Fax (858) 458-9775

DATE : 03/14/18

TO: SunPower  
 2125 East Katella Ave, #220  
 Anaheim, CA 92806

HMT JOB# 88182

PROJECT: Mira Mesa HS  
 Re: Breaker Change Out

**Material**

1 MATERIAL	.....				\$3,560.00
2 SALES TAX	8.00 % of line 1	.....			\$284.80
3 TOTAL MATERIALS	.....				\$3,844.80

**Labor**

4 GENERAL FOREMAN	0.00 Hrs @	76.07		\$0.00
5 GENERAL FOREMAN DT	0.00 Hrs @	152.51		\$0.00
6 FOREMAN	0.00 Hrs @	74.11		\$0.00
7 FOREMAN DT	11.09 Hrs @	145.45	\$1,613.04	
8 JOURNEYMAN	0.00 Hrs @	69.54		\$0.00
9 JOURNEYMAN DT	11.09 Hrs @	135.57	\$1,503.47	
10 APPRENTICE	0.00 Hrs @	57.51		\$0.00
11 APPRENTICE DT	22.18 Hrs @	111.66	\$2,476.62	
12 TOTAL LABOR	.....	44.36		\$3,116.51

**EXPENSES**

14 TRAVEL	.....	miles @	/mile	\$0.00
15 PROJECT MANAGER	0.00 Hrs @	\$100.00	/ Hr	\$0.00
16 MAT'L HANDLER/DELIVERY	0.00 Hrs @	\$35.00	/ Hr	\$0.00
17 SUBCONTRACTS				\$0.00
18 VERTIV- BREAKER TESTING				\$1,250.00
19 SITE DISCOVERY				\$760.00
20				\$0.00
21				\$0.00

**JOB EXPENSES**

23 AS-BUILTS, JOB DETAILING	0 Hrs @	\$ 55.00	.....	\$0.00
24 SERVICE TRUCK CHARGE	0 Day @	\$ 75.00	.....	\$0.00
25 TOOLS	0.00 % of materials		.....	\$0.00
26 EXPENDABLES	0.00 % of materials		.....	\$0.00
27 INSURANCE	.....			\$0.00
28 OTHER	.....			\$0.00
29 TOTAL EXPENSE	.....			\$2,010.00

**TOTAL MATERIAL, LABOR AND EXPENSES**

31 TOTAL MATERIAL, LABOR AND EXPENSES	.....			\$8,971.31
32 OVERHEAD	10.00 %			\$897.13
33 SUBTOTAL	.....			\$9,868.44
34 PROFIT	5.00 %			\$493.42
35 BOND PREMIUM CHARGE	0 %			\$0.00

**TOTAL CHARGE (line 24 through 26)**

\$10,362

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	Labor Type	Crew	Hours
1	*****LOCAL 569***** -----OVER TIME RATES-----		
2	569 FOREMAN 6/5/2017 - 6/3/2018	1.00	11.09
3	569 JOURNEYMAN 6/5/2017 - 6/3/2018	1.00	11.09
4	569 APPRENTICE 66% 6/5/2017 - 6/3/2018	2.00	22.18

	Description	Quantity
1	70A 3P BREAKER - NEMA 1	1
2	125A 3P BREAKER - NEMA 1	1
3	200A 3P BREAKER - NEMA 1	1
4	JOB WALK & SITE INVESTIGATION	1
5	SHUT OFF MAIN BREAKER	1
6	LOCK OUT TAG OUT	1
7	SUIT UP PROPPER ARC FLASH PPE	2
8	REMOVE GEAR DEAD FRONT	1
9	VOLTAGE TESTING	5
10	BREAKER REMOVAL 75A, 480V	1
11	BREAKER REMOVAL 125A, 480V	1
12	BREAKER REMOVAL 250A, 480V	1
13	TORQUING (PER CONDUCTOR)	9
14	TORQUING INSPECTOR	1
15	REENERGIZE MAIN BRKR	1
16	SET UP ARC FLASH BOUNDARIES	2
17	CLEAN UP & SITE DEMOB	1



Consolidated Electrical Distributors, Inc.  
 5457 Ruffin Road San Diego, CA 92123  
 Main Phone 858.268.1020 Fax 858.974.6372  
 Projects Phone 858.496.2547 Fax 858.496.2542

QUOTATION\*

Customer: HMT Date: 2/12/2018  
 Attn: BRIAN HOADLEY Quote No. SB SPECIAL  
 Job: MIRA MESA HS ATE BREAKERS Your Ref # JOBWALK

QUOTE EXPIRES 30 DAYS FROM QUOTE DATE

QUANTITY	TYPE	TYPE/DESCRIPTION	PRICE	UNIT	EXTENSION
1		35KA AT 480V REPLACEMENT BREAKER FOR HFB 70/3			
1		35KA AT 480V REPLACEMENT BREAKER FOR KB 125/3			
1		35KA AT 480V REPLACEMENT BREAKER FOR KB 250/3			
1		LOT PRICE			\$ 3,560.00
WE ARE NOT QUOTING REPLACEMENTS FOR "MARGINAL" EXISTING 30KA BREAKERS					
<b>CLARIFICATIONS/EXCEPTIONS</b>					
1. PRICING IS FOB JOBSITE, CONTRACTOR NET, PLUS TAX.					
2. COORDINATION/ARC FLASH STUDIES, SEISMIC CALCS., START-UP AND TRAINING NOT INCLUDED UNLESS SPECIFICALLY LISTED ON QUOTE COVER OR ATTACHED BILL OF MATERIAL.					
3. QUOTE BASED ON THE USE OF COPPER FEEDERS WITH STANDARD SIZE AND QUANTITY OF MECHANICAL LUGS.					
<b>TERMS</b>		<b>TAX NOT INCLUDED</b>		<b>NO TAX INCL</b>	
Typically Net 30					

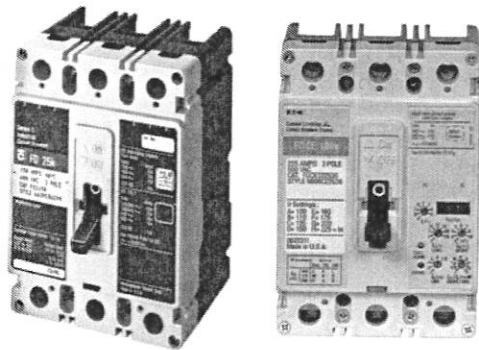
Respectfully,  
 CONSOLIDATED ELECTRICAL DISTRIBUTORS, INC.

SCOTT BENNETT

Revised 10/17/06

\* PLEASE NOTE: This is not an offer to contract, but merely a quotation of current prices for your convenience and information. Orders based on this quotation are subject to our acceptance of the terms and conditions stated in our written Acknowledgment of order. We make no representations with respect to compliance with job specifications. Above prices do not include accessories unless otherwise stated.

Typical F-Frame Breaker  
F-Frame Breaker with Electronic Trip Unit



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## F-Frame (10–225 Amperes)

### Product Description

- All Eaton's F-Frame circuit breakers are HACR rated
- All circuit breakers 10 through 30 amperes are suitable for HID (high intensity discharge) use
- All F-Frame circuit breakers are suitable for reverse feed use



# 2.3

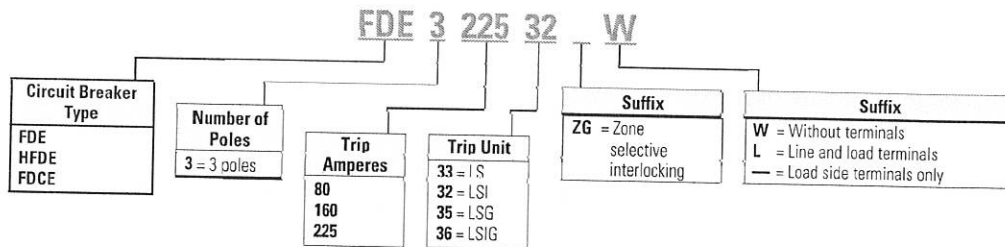
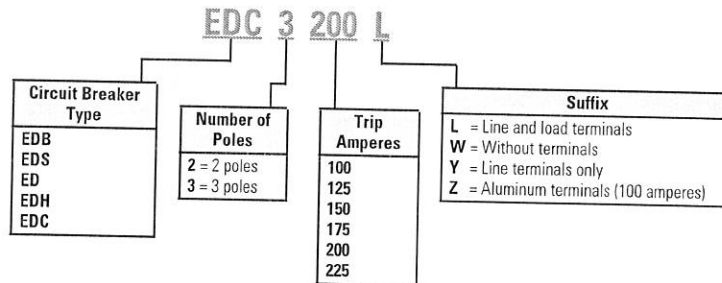
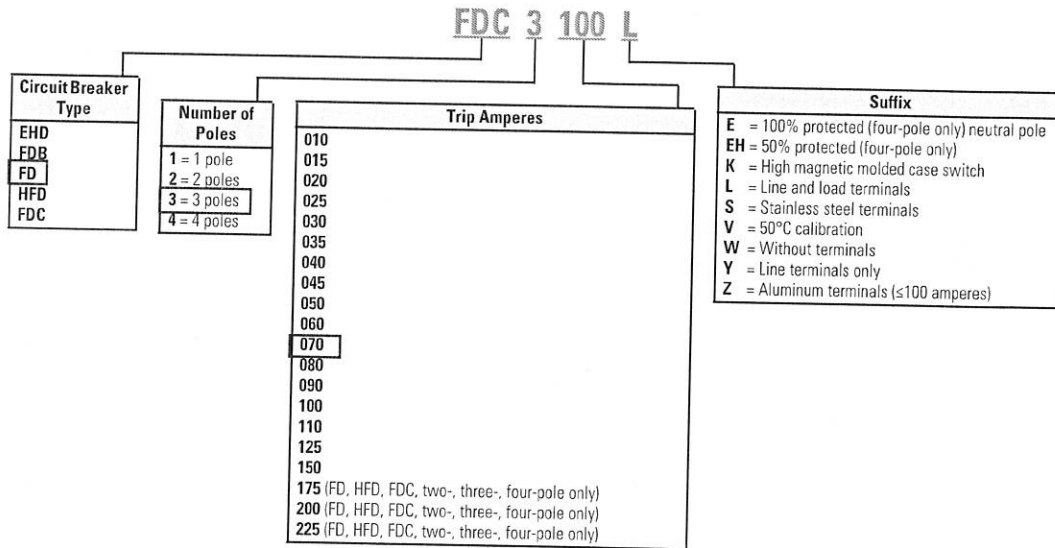
## Molded Case Circuit Breakers

Series C

### Catalog Number Selection

This information is presented only as an aid to understanding catalog numbers. It is not to be used to build catalog numbers for circuit breakers or trip units.

2



Type FD Thermal-Magnetic Circuit Breakers with Non-Interchangeable Trip Units  
(Includes Terminals on Load End Only)

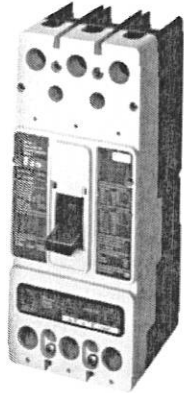
Maximum Continuous Ampere Rating at 40°C	277 Vac Maximum, 125 Vdc	600 Vac Maximum, 250 Vdc		
	35 kAIC at 277 Vac Single-Pole Catalog Number	35 kAIC at 480 Vac Two-Pole Catalog Number	Three-Pole Catalog Number	Four-Pole Catalog Number
10 ①	FD1010	—	—	—
15	FD1015 ②	FD2015	FD3015	FD4015
20	FD1020 ②	FD2020	FD3020	FD4020
25	FD1025	FD2025	FD3025	FD4025
30	FD1030	FD2030	FD3030	FD4030
35	FD1035	FD2035	FD3035	FD4035
40	FD1040	FD2040	FD3040	FD4040
45	FD1045	FD2045	FD3045	FD4045
50	FD1050	FD2050	FD3050	FD4050
60	FD1060	FD2060	FD3060	FD4060
70	FD1070	FD2070	FD3070	FD4070
80	FD1080	FD2080	FD3080	FD4080
90	FD1090	FD2090	FD3090	FD4090
100	FD1100	FD2100	FD3100	FD4100
110	FD1110	FD2110	FD3110	FD4110
125	FD1125	FD2125	FD3125	FD4125
150	FD1150	FD2150	FD3150	FD4150
175	—	FD2175	FD3175	FD4175
200	—	FD2200	FD3200	FD4200
225	—	FD2225	FD3225	FD4225

Notes

- ① Not UL listed. 5 kAIC interrupting rating.
- ② UL listed for SWD applications, see NEC Article 240.83(d).

Typical J-Frame Breaker

2



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Current Limiting Circuit Breaker Module . . . . .	V4-T2-264
Internal Accessories . . . . .	V4-T2-268
External Accessories . . . . .	V4-T2-299

### J-Frame (70–250 Amperes)

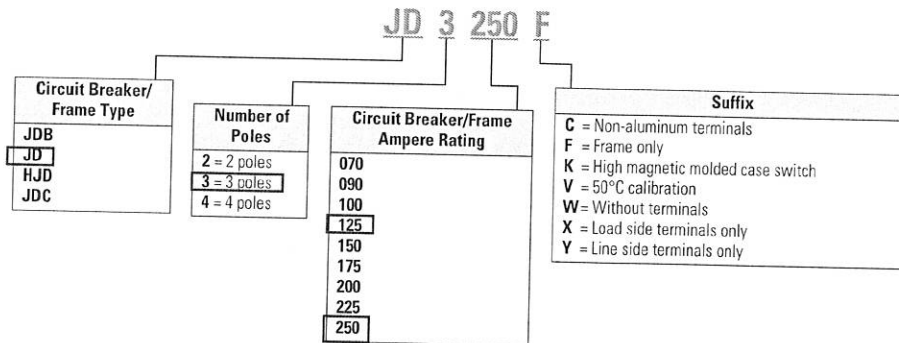
#### Product Description

- All Eaton's J-Frame circuit breakers are HACR rated
- J-Frame circuit breakers are available as individual components (frame, trip unit, terminals), or factory assembled complete breakers
- J-Frame circuit breakers with non-interchangeable trip units are suitable for reverse feed use

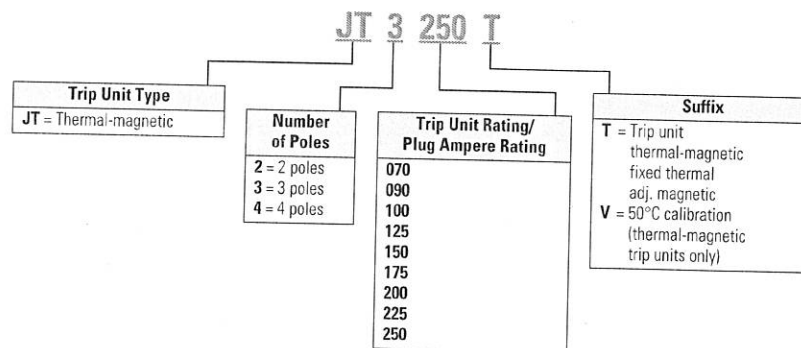
### Catalog Number Selection

This information is presented only as an aid to understanding catalog numbers. It is not to be used to build catalog numbers for circuit breakers or trip units.

#### Circuit Breaker/Frame



#### Trip Unit



# 2.3

## Molded Case Circuit Breakers

### Series C

#### Product Selection

2

#### Types JD, HJD and JDC Thermal-Magnetic Circuit Breakers with Interchangeable Trip Units

Maximum Continuous Ampere Rating at 40°C	Standard Interrupting Capacity 600 Vac Rated 35 kAIC at 480 Vac	High Interrupting Capacity 600 Vac Rated 65 kAIC at 480 Vac	Ultra High Interrupting Capacity Current Limiting 600 Vac Rated 100 kAIC at 480 Vac	Thermal-Magnetic Trip Unit Only ①	Standard Terminals Only
	Factory Assembled Circuit Consisting of Frame, Trip Unit and Terminals ② Catalog Number	Factory Assembled Circuit Consisting of Frame, Trip Unit and Terminals ② Catalog Number	Factory Assembled Circuit Consisting of Frame, Trip Unit and Terminals ② Catalog Number	For Use with Standard or High or Ultra High Interrupting Frames Catalog Number	See Page V4-T2-150 for Optional Terminals Catalog Number
<b>Two-Pole</b>					
70	JD2070	HJD2070	JDC2070	JT2070T	TA250KB ③
90	JD2090	HJD2090	JDC2090	JT2090T	
100	JD2100	HJD2100	JDC2100	JT2100T	
125	JD2125	HJD2125	JDC2125	JT2125T	
150	JD2150	HJD2150	JDC2150	JT2150T	
175	JD2175	HJD2175	JDC2175	JT2175T	
200	JD2200	HJD2200	JDC2200	JT2200T	
225	JD2225	HJD2225	JDC2225	JT2225T	
250	JD2250	HJD2250	JDC2250	JT2250T	
<b>Three-Pole</b>					
70	JD3070	HJD3070	JDC3070	JT3070T	TA250KB ③
90	JD3090	HJD3090	JDC3090	JT3090T	
100	JD3100	HJD3100	JDC3100	JT3100T	
125	JD3125	HJD3125	JDC3125	JT3125T	
150	JD3150	HJD3150	JDC3150	JT3150T	
175	JD3175	HJD3175	JDC3175	JT3175T	
200	JD3200	HJD3200	JDC3200	JT3200T	
225	JD3225	HJD3225	JDC3225	JT3225T	
250	JD3250	HJD3250	JDC3250	JT3250T	
<b>Four-Pole ③,④</b>					
125	JD4125	HJD4125	JDC4125	JT3125T	TA250KB ③
150	JD4150	HJD4150	JDC4150	JT3150T	
175	JD4175	HJD4175	JDC4175	JT3175T	
200	JD4200	HJD4200	JDC4200	JT3200T	
225	JD4225	HJD4225	JDC4225	JT3225T	
250	JD4250	HJD4250	JDC4250	JT3250T	

#### Notes

- ① Magnetic trip adjustable 5–10 times continuous ampere rating.
- ② Individually packed.
- ③ Fully rated neutral pole with no protection.
- ④ Neutral is in right pole.