



# Technical Service Bulletin

**Technical Service Bulletin:** TSB210251

**Released Date:** 13-Jan-2022

**Safety Warranty Campaign #4776: Inspection for Potential Unsafe Condition of PowerPact L 250A-600A Molded Case Circuit Breakers, from Schneider Electric**

## Safety Warranty Campaign #4776: Inspection for Potential Unsafe Condition of PowerPact L 250A-600A Molded Case Circuit Breakers, from Schneider Electric

### Warranty Statement

The information in this document authorizes specific changes to the repair practice for failures covered under product warranty coverages.

### Contents

#### Product Affected

- C70D2RE
- C100D2RE

#### Issue

Schneider Electric has notified Cummins that a population of PowerPact L 250-600A Molded Case Circuit Breakers (MCCB) may contain a safety issue requiring urgent attention due to “a nonconforming component in its mechanism that may result in the circuit breaker not operating as intended under certain conditions. Should this condition occur, a potential for **PERSONAL INJURY AND/OR PROPERTY DAMAGE** may exist”. The purpose of this service bulletin is to cascade information from the Schneider Electric Product Safety Notice, PRB-233066, to:

- (1) increase visibility to the Schneider Electric Notice of Potential Unsafe Condition, and
- (2) allow for proactive inspection to determine whether a particular unit may be impacted by this issue as part of the Safety Warranty Campaign #4776 launched by Cummins.

#### Verification/Confirmation

Table 1 contains the list of generator set serial numbers potentially affected by this Safety Warranty Campaign.

Cummins requires that these generator sets be inspected (inspection instructions below Table 1) and necessary actions be taken if a unit is found to be impacted.

**Table 1, List of potentially impacted generator set serial numbers**

E19056235 8	H19062120 4	C20074060 5	G21096358 6	G19059985 9	I190644675	C20074565 2
E19056250 0	H19061913 8	E20076669 8	H21096990 2	G19060522 4	I190640397	C20074639 6
E19056293 7	H19061848 6	E20076743 0	H21097568 0	G19060522 3	I190640401	C20074643 4
E19056317 4	G19061587 2	E19057021 1	H21097789 8	G19060841 8	I190640613	A21087441 4
E19056321 1	G19061515 6	E19057155 6	G21095745 2	G19060971 4	I190640592	A21087459 7
E19056431 3	G19061584 2	F19058430 2	G21096282 1	G19060095 2	I190642492	B21087492 2
E19056485 1	G19061582 5	E19057519 9	G21095766 6	G19060475 4	I190647713	B21087685 7
E19056572 6	H19061914 0	F19058495 6	G21095506 7	G19061195 4	K19067479 3	B21087869 2
E19056599 7	H19061913 9	G19060522 2	I210989925	G19061515 3	K19067813 6	B21087921 6
E19056576 7	H19062859 4	G19060189 1	E19056053 9	G19060097 2	K19067813 4	B21087970 2
E19056888 4	H19062313 7	H19062004 5	E19056217 6	G19059994 0	K19067899 5	B21087703 1
E19056601 1	H19062321 9	H19062035 3	E19056072 0	G19060971 5	K19067813 7	B21087970 9
E19056888 5	H19062927 4	H19062309 9	E19056256 7	F19058536 5	I190647669	B21088167 0
E19056597 8	H19062883 1	H19062120 7	E19056235 7	F19059591 7	I190651335	B21088177 2
E19056597 9	H19062993 2	H19062032 0	E19056221 4	G19061301 4	I190646997	B21087970 1
E19057367 1	H19062859 5	G19060522 1	E19056221 3	G19061111 1	I190651976	C21088730 0
E19057800 9	H19063029 5	H19062084 1	E19057367 3	G19061069 3	J19066688 6	C21089181 7
E19057741 1	H19062729 1	I190641402	E19057369 2	H19062308 4	J19066185 9	C21089298 1
E19057436 1	H19062751 1	I190644523	E19057520 1	H19062350 2	J19065361 6	C21089607 7

<b>Table 1, List of potentially impacted generator set serial numbers</b>						
E19056317 3	I190640301	I190648418	E19057520 2	H19062225 0	J19065361 7	C21089298 0
E19056628 4	I190644711	K19068262 4	E19057367 2	H19062120 3	J19066053 8	C21089906 0
E19057739 1	I190642473	J19067418 3	E19056945 2	G19061515 5	J19066057 5	C21089906 1
E19057737 1	I190646151	J19067349 5	E19056951 2	H19062039 1	J19066593 4	C21089905 6
F19058563 6	I190642531	J19067349 6	E19056631 4	G19060881 1	J19066593 5	C21089905 9
F19058560 5	I190644521	J19067349 7	E19056514 5	H19062350 4	J19066687 5	C21089962 1
F19058913 9	I190641532	K19068262 5	E19056573 2	H19062463 1	J19066687 4	C21089961 8
F19058907 2	I190644693	K19068455 8	E19057371 1	H19062351 9	J19066704 6	C21090097 4
E19057805 7	I190646132	K19067899 7	E19057735 2	H19062350 5	J19066704 7	C21090097 5
E19058003 2	I190646118	L19069338 8	E19056223 1	H19062004 3	C20074642 4	C21090249 4
F19059591 8	I190646152	A20070651 6	E19056485 6	H19062313 8	J19066758 6	D21090635 5
F19059884 1	I190642512	A20070793 9	E19056485 7	H19062224 7	J19065327 7	D21090634 9
F19058917 1	I190644519	C20074166 4	E19056287 3	H19062087 2	J19065327 8	D21091059 9
F19058915 2	I190644692	E20076083 3	E19055973 6	H19062087 1	J19067243 5	D21090905 0
F19058134 2	I190644517	E20076067 5	E19056424 5	H19062224 8	J19067242 7	D21090904 4
F19058794 8	I190644691	K20084328 6	E19056485 3	H19062322 0	J19067206 6	D21090635 4
F19058794 9	I190644676	H20080391 7	E19056485 4	H19062460 8	K19068456 2	D21091587 0
E19058005 1	I190646056	H20080419 8	E19056485 2	H19062224 6	J19067349 4	D21091681 8
E19058003 3	I190646131	K20084603 1	E19056424 4	G19061515 4	K19068378 1	D21091059 8

<b>Table 1, List of potentially impacted generator set serial numbers</b>						
E19057800 8	I190644520	K20084712 8	E19056280 7	H19062120 2	J19066758 8	D21091965 6
F19058077 8	I190651402	J20083500 0	E19056951 3	H19062038 8	K19068456 1	D21091838 8
F19058496 7	J19065272 0	K20084249 9	F19058560 6	H19062224 5	K19068463 4	D21091923 8
F19059337 8	J19065272 2	L20084894 7	F19058534 8	H19062004 2	K19068461 5	D21091682 0
F19059525 1	J19066059 4	K20084843 1	F19058794 7	H19062087 3	K19068655 5	D21091923 7
F19059345 1	J19066184 1	I200816586	F19058883 4	H19062453 8	A20070651 4	D21091838 9
F19059497 4	J19066593 6	H20080517 9	F19058880 8	H19062461 2	A20070678 7	E21093118 4
F19059504 0	K19067479 1	K20084606 3	F19058872 3	H19062224 9	A20070962 3	E21093117 6
G19059986 0	K19067955 4	K20083859 5	F19058872 2	H19062607 0	A20071093 4	E21093118 1
G19060522 6	K19068337 0	K20084134 0	F19059089 1	H19062617 3	A20071098 1	E21093000 0
G19060193 2	K19068337 2	K20084605 9	F19059345 2	H19062540 3	A20071055 9	E21092906 2
G19060809 9	K19068378 0	K20084250 1	F19059344 8	H19062615 9	A20071240 3	E21092817 9
G19061334 9	K19068337 1	K20084099 3	F19059344 9	H19062552 4	A20071237 5	E21092874 9
G19061344 4	K19068655 4	K20084444 7	F19058134 3	H19062453 9	A20071285 5	D21091981 6
G19061515 7	K19068461 4	K20084475 2	F19058425 4	H19062620 4	A20070261 5	E21092874 8
G19061532 3	K19068991 7	K20084172 8	F19058078 0	H19062723 6	L19069670 1	E21092818 0
G19061587 1	K19067899 3	L20085588 4	F19059504 2	H19062723 4	L19069670 2	E21092815 6
G19061515 2	K19068991 6	L20085330 5	F19059497 6	H19062689 1	L19069538 3	E21092815 5
G19060741 1	K19068992 0	A21085726 3	F19059442 0	H19062613 7	L19069596 9	E21093118 5

<b>Table 1, List of potentially impacted generator set serial numbers</b>						
G19060809 8	K19068991 8	A21086401 8	F19059087 2	H19062689 3	L19069977 4	E21093118 7
G19061300 1	L19069138 4	A21086416 1	F19059442 1	H19062686 2	L19069842 6	E21093117 8
G19060973 2	L19069339 5	A21086201 2	F19059505 2	H19062723 5	L19070050 8	E21093118 6
G19061273 6	L19069339 6	A21086180 9	F19059497 5	H19062351 8	L19070110 9	F21093602 3
G19061266 7	L19069442 3	A21086605 5	F19059524 2	H19062615 7	A20070450 7	F21093602 4
G19060880 3	F19058077 6	A21086130 3	F19058873 2	H19062927 8	A20070451 4	F21093635 0
G19061300 0	F19058794 5	A21086125 1	F19059524 5	H19062689 2	A20071287 4	F21094161 5
G19061273 5	F19058794 6	A21086605 1	F19058425 2	H19062615 8	A20071337 7	F21094161 6
G19060161 0	E19057159 1	A21085763 0	F19058134 4	H19062607 1	A20071811 9	F21094162 2
G19060191 2	E19057161 1	A21086735 9	E19057436 0	H19062993 1	A20072181 5	F21094161 9
G19060097 1	E19057023 3	A21086954 3	F19059083 5	I190635311	B20072299 5	F21094173 9
G19061069 4	E19057103 1	B21087970 7	F19058873 5	I190636077	B20072326 2	F21094174 0
G19061111 2	E19057100 5	A21086960 8	F19058873 4	I190636081	B20072296 2	F21094174 1
G19061273 7	E19057157 1	A21087016 5	F19058460 3	I190635292	B20072332 1	F21094162 0
G19061301 5	E19057157 2	C21088936 1	F19058873 1	I190636080	B20072604 0	D21090635 9
G19061311 1	H19061913 5	C21089822 5	F19059527 1	I190637207	B20072604 1	D21091586 9
G19061299 9	H19061913 6	C21089607 6	F19059591 6	I190637102	L19069339 7	D21091839 0
G19060809 7	H19063025 2	C21090253 3	F19058495 5	I190637101	K19068831 6	D21091587 7
G19060841 7	I190640591	D21091587 6	F19058534 7	I190636078	K19068832 0	F21094174 2

<b>Table 1, List of potentially impacted generator set serial numbers</b>						
G19060880 2	I190640611	E21093118 2	E19057520 0	I190635331	K19068886 1	F21094162 1
G19060809 6	H19061913 7	E21092818 1	F19058077 9	I190637231	K19068886 0	F21094161 4
G19060738 2	I190648006	E21092975 8	F19059504 3	I190646057	K19068917 4	F21094697 4
G19060169 2	H19062079 3	E21093323 8	F19058460 6	I190637467	K19068917 6	F21094697 5
G19060171 1	I190648007	F21094911 5	F19059440 4	I190637619	K19068917 7	F21094982 0
F19059953 1	I190647704	F21094384 9	F19058001 7	I190646994	K19068992 1	G21095095 6
F19059923 0	I190648385	F21094385 2	F19058003 4	I190646993	L19069136 9	F21094982 1
F19059953 2	I190648402	F21094385 0	E19058005 2	I190641403	L19069444 6	G21095277 7
G19060475 3	L19069669 9	G21095030 5	F19058134 5	I190637641	B20072418 8	G21095166 0
F19059891 4	I190651966	I210988220	F19059443 1	I190637232	B20072326 3	F21094901 4
F19059923 1	J19067418 4	I210988218	E19057435 9	I190640399	B20072604 2	G21095141 7
G19060738 0	L19069927 3	H21097789 9	F19059440 3	I190637617	B20072754 5	G21095141 6
G19060841 6	L19069717 4	H21097790 0	F19058460 5	I190646996	B20073393 5	H19062319 5
G19060522 5	B20073530 5	H21097037 7	F19058460 4	I190647706	B20073388 6	I190651403
G19059989 9	B20073530 4	I210988219	F19058425 3	I190646995	B20073393 4	L20085629 7
F19059949 6	L19069966 5	F21094695 0	G19060875 2	I190646956	B20073530 7	B21087685 8
G19061345 7	B20073679 5	G21095745 3	G19061073 1	I190637618	C20073888 4	C21088936 0
G19061344 3	A20070476 0	G21095030 7	G19060676 3	I190637651	C20073882 9	G21095766 5
G19061337 9	A20070583 7	F21094695 1	G19061106 9	I190640356	C20074166 2	G21095506 2

<b>Table 1, List of potentially impacted generator set serial numbers</b>						
G19061345 6	A20070651 7	F21094695 3	G19061107 0	I190640400	C20074286 2	
F19059918 6	A20070678 5	F21094695 2	G19061069 2	I190640593	C20074286 1	
G19060095 1	A20071397 4	I210989703	F19059524 4	I190640612	C20074384 6	
G19061338 0	A20071337 8	H21097037 5	F19059591 5	I190640631	C20074391 4	
G19061338 1	A20072179 5	H21097509 3	F19059891 2	I190640398	C20074480 9	
H19062927 5	B20072419 6	H21097037 4	F19059891 3	I190637616	C20074481 0	

To determine if a particular MCCB is impacted, follow the “Date Code Identification Guidance” below, per the safety notice, PRB-233066, of Schneider Electric. Comply to local safety procedures and LOTO the unit before beginning to inspect the date code.

#### **Date Code Identification Guidance**

There are 2 steps to determine whether a particular MCCB is impacted.

**Step 1:** Inspect 5-digit date code on the front faceplate cover of the MCCB.

Check if the 5-digit date code on the front faceplate cover is within the date code window of Table 2. If it is, go to Step 2. If it is not, then the breaker is not impacted.

<b>Table 2, Date code window for front faceplate cover</b>	
<b>Step 1 - Impacted Date Code window</b>	<b>Interpretation of the date code</b>
19284 to 21145	From 4 <sup>th</sup> day of 28 <sup>th</sup> week of 2019 to 5 <sup>th</sup> day of 14 <sup>th</sup> week of 2021

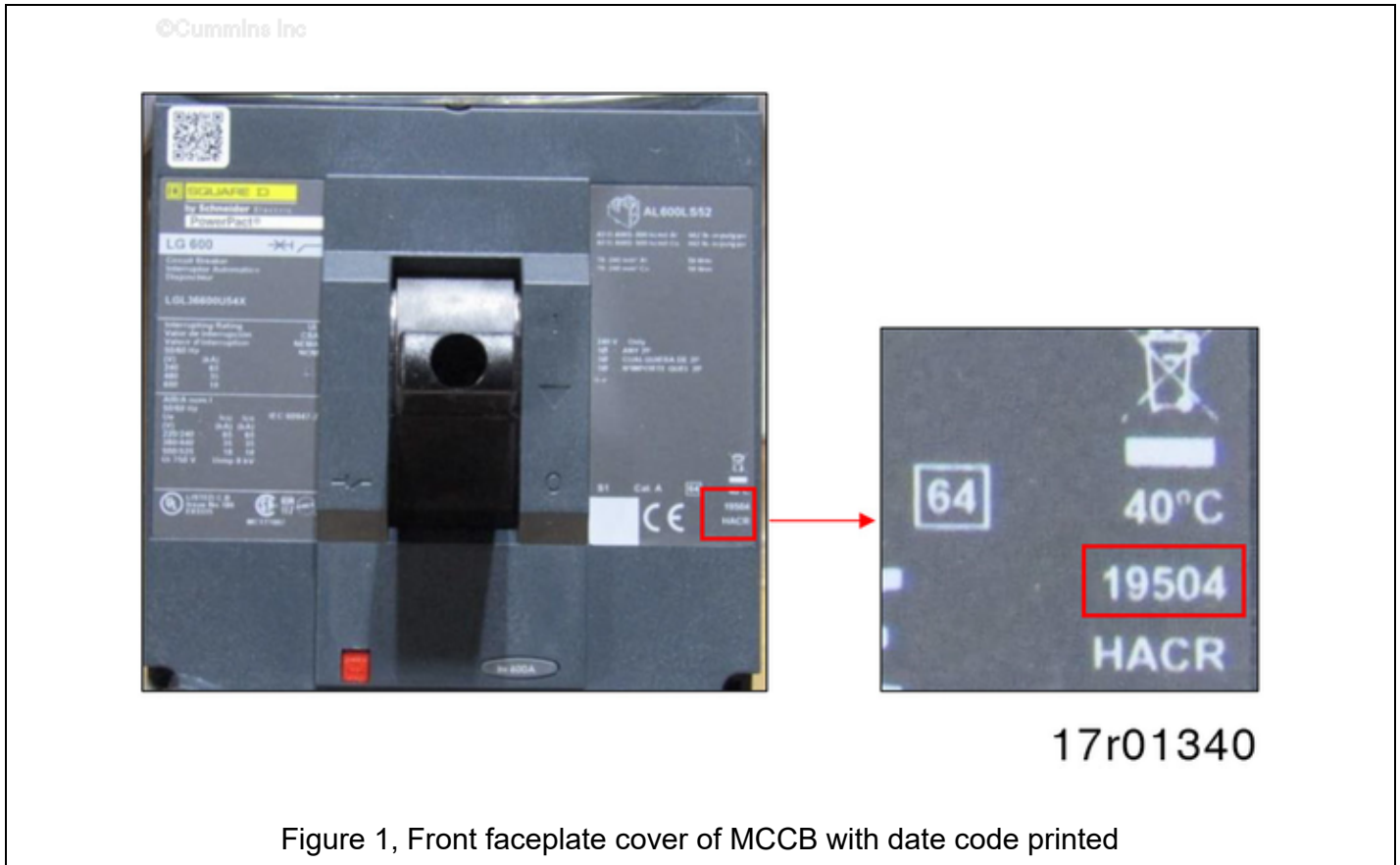


Figure 1, Front faceplate cover of MCCB with date code printed

**Step 2:** Inspect Block date code on side label of the MCCB.

Check if the Block date code, starting with “TC”, is within the date code window of table 3. If it is, then it can be confirmed that the breaker is impacted, refer to Service Instructions of TSB. If it is not within the date code window or it does not start with “TC”, then the breaker is not impacted.

<b>Table 3, Block date code window for side label</b>	
<b>Step 2 - Impacted Block Date Code window</b>	<b>Interpretation of the date code</b>
TC-2019-W21-3 to TC-2019-W22-2 TC-2019-W24-2 to TC-2019-W24-4 TC-2019-W46-2 to TC-2019-W47-3 TC-2019-W51-5 to TC-2021-W14-4	TC-19366-U1 means made on 6th day of 36th week of 2019. (Alternate Date Code Format: TC-2019-W36-6-U1)



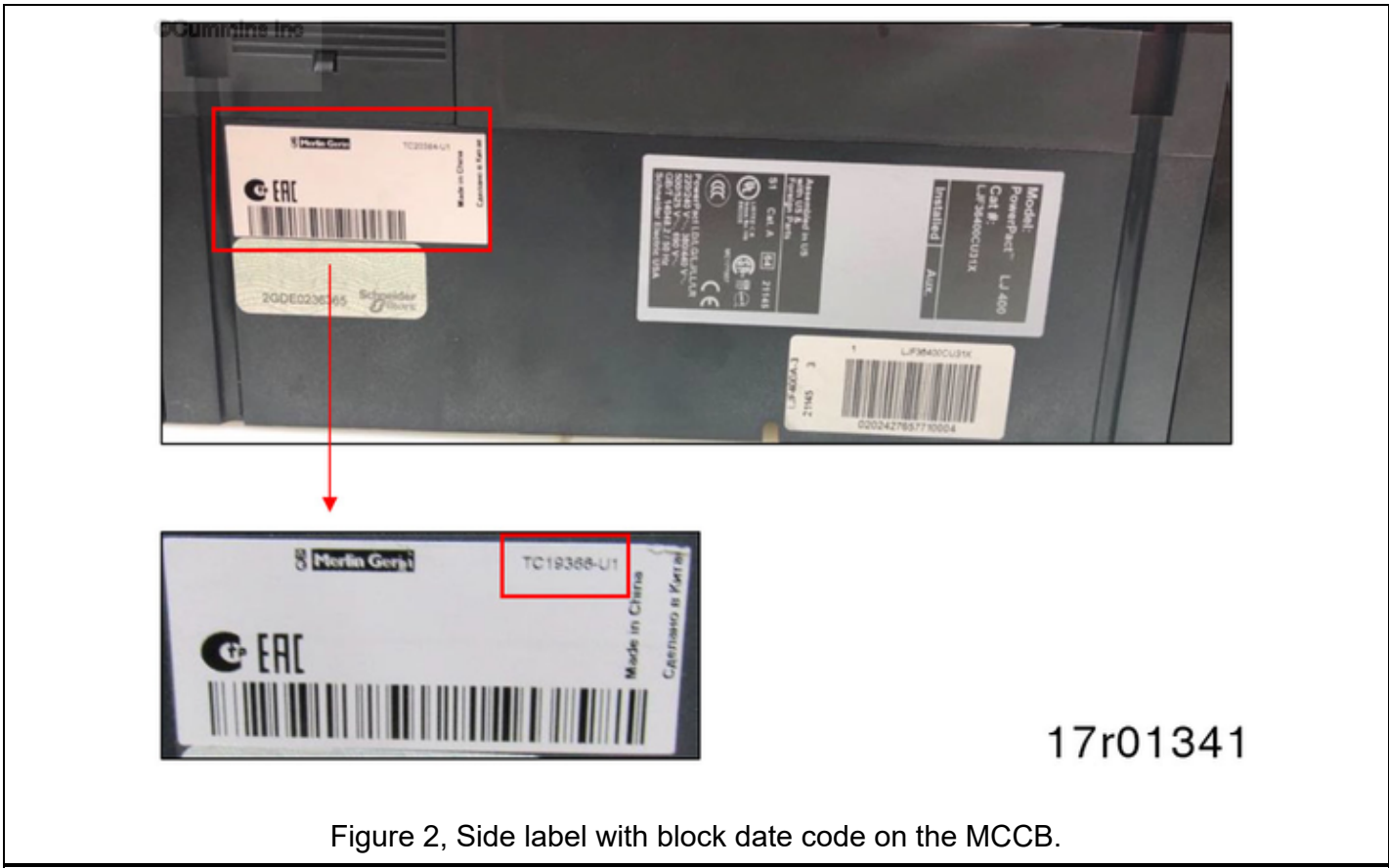


Figure 2, Side label with block date code on the MCCB.

Table 4, Affected MCCB models	
Schneider Electric Part Number of MCCB	Cummins Part Number of MCCB
LGL36400U33XSO	A057L891
LGL36400U33XABUOMO	A055A272

**Resolution**

Impacted breakers will need to be repaired according to the repair procedure provided by Schneider Electric. Refer to Service Instructions of the TSB for details.

**Service Instructions**

1. Comply to local safety procedures and LOTO the unit before beginning to inspect the date code.
2. Use below authorization details to:
  - 2a. Claim for the time required to inspect the date code
  - 2b. Get the MCCB repaired (if required)
  - 2c. Travel (Allowing 2 trips. 1 trip for the inspection and 1 trip, if needed, to repair the breaker)

**Campaign Authorization Details:**

Authorization Code – 4776

Account code – 65

Fail code – GK-CB-WP

Parts - Technician to work with Schneider Electric for repair

Travel – Allowing no more than 2 trips. 1 trip for the inspection and 1 trip, if needed, to repair the breaker.

Expiration Date- This campaign does not expire

**SRTs for inspection of only front faceplate date code – 0.86**

00-902 – Admin time – 0.7

99-999 – Inspect breaker for front faceplate cover date code – 0.16

Includes:

Disconnect/connect battery

Disconnect/connect generator from bus

**SRTs for inspection of front faceplate date code and block date code – 0.9**

00-902 – Admin time – 0.7

17-107 – Circuit breaker panel R&I – 0.2

Includes:

Disconnect/connect battery

Disconnect/connect generator from bus

Remove/install main circuit breaker cover panel (to access the side label)

**SRTs for inspection of front faceplate date code, block date code and repair of breaker – 2.63**

Trip 1 - Inspection of front faceplate date code and block date code - 0.9

Trip 2 – 00-902 – Admin time and 17-107 – Circuit breaker panel R&I – 0.9

99-999 – Repair the breaker – 0.33

14-704 – Generator set – Test run with load – 0.5

3. Refer to important safety information from Schneider Electric below.

**Safety instructions for any intervention including product date code identification.**

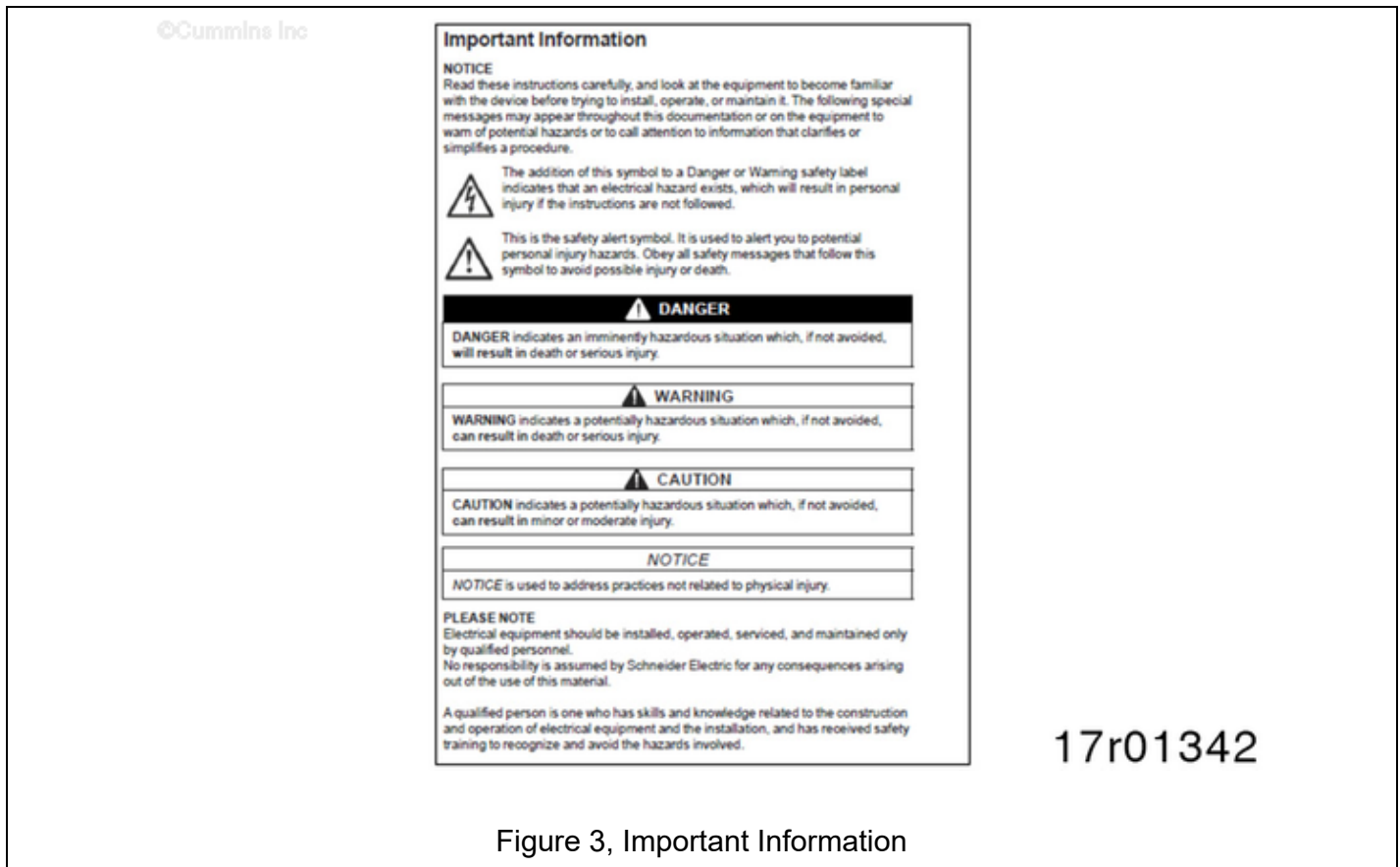


Figure 3, Important Information

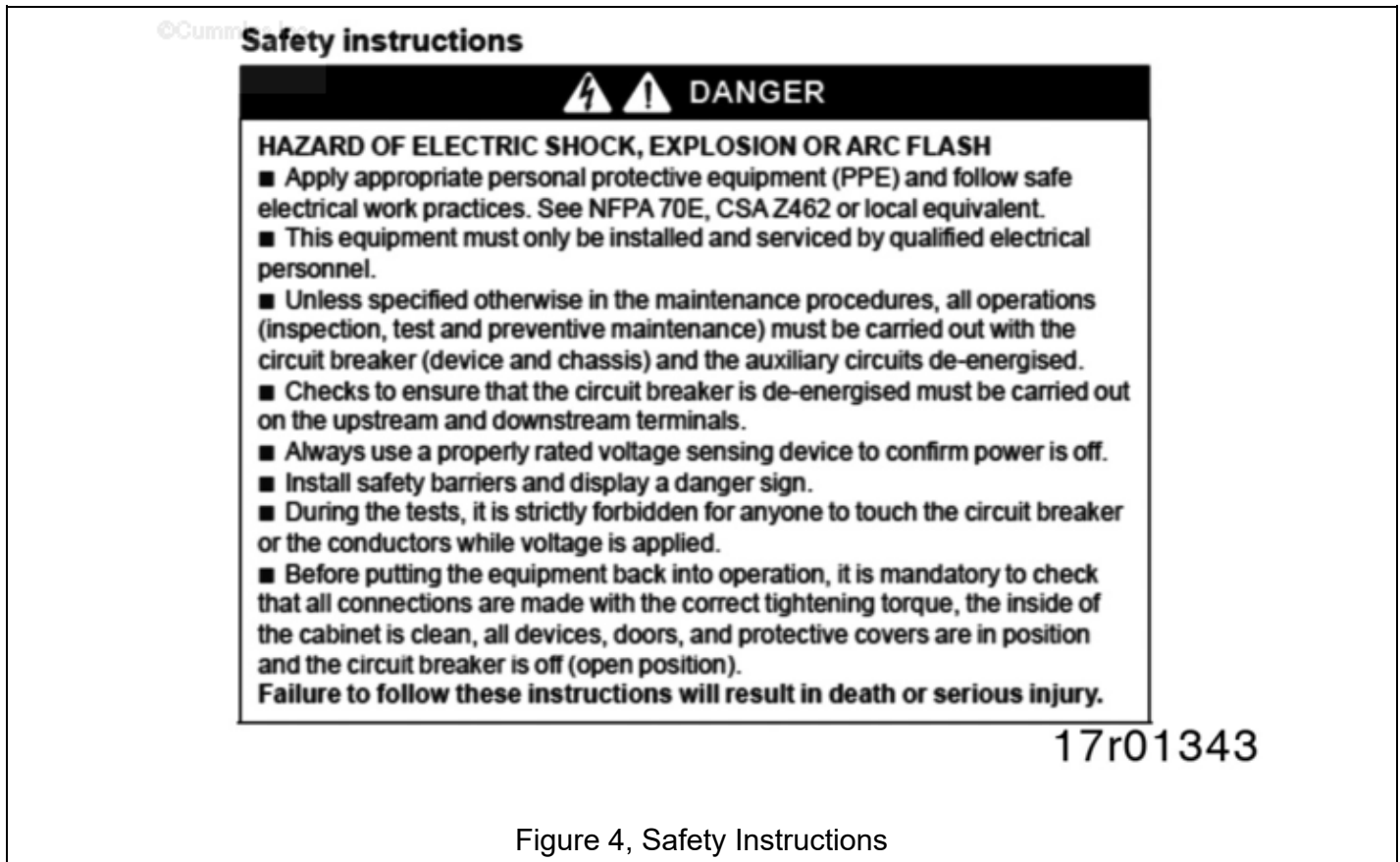


Figure 4, Safety Instructions

4. Breakers which are identified as impacted based on the date code will need to be repaired. For repair, contact Schneider Electric directly, follow steps below. Schneider Electric will provide information on repair procedure and parts required.

4a. If the breaker is repaired, test-run the generator set to check for its normal operation after the repair work is completed.

5. Verify the location of the affected MCCB in your facility then complete the below form or contact Schneider Electric local helpdesk (Customer Care Center Chat or 888-SQUARED, mention PRB-233066).

6. Fill in the below form, scan, and e-mail to: Schneider-Recovery.NAM@se.com

OR

Scan it and return to:

Schneider Representative (s)

.....  
.....  
.....

Date:.....

**Product Safety Notice PRB-233066**

**End User information sheet**

**End User CUSTOMER INFORMATION SECTION:**

Please state your full name and title.....

**Please confirm your company name and address**

Company.....

Address.....

City..... State..... Zip

Code.....

Please provide your: Phone number: ( ).....

Mobile number: ( )  
.....

Email address:  
.....

**Please Tick the appropriate option:**

We have received the Safety Notice and have understood the potential safety risk with the MCCB

This does NOT impact me, please remove me from your mailing list

**For Impacted PowerPact L 250 – 600A please complete this location INFORMATION SECTION**

We, [end User Customer], declare having identified impacted products  Yes  No

Quantity of product impacted identified:.....

Full location information:

Company

Site.....

Address.....

City..... State..... Zip

Code.....

Location in Site/Equipment Designation:

.....

Signature.....Date.....

Print

Name.....Title.....

Additional

Comments:.....

.....

.....

### Document History

Date	Details
2021-11-12	Module Created

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**Last Modified: 13-Jan-2022**

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