

PRODUCT SAFETY ALERT**Bulletin 140U J-Frame Thermal Magnetic Circuit Breakers
Bulletin 140U J-Frame Thermal Magnetic Trip Units
Bulletin 140U J-Frame Molded Case Switches
Bulletin 140M J-Frame Motor Circuit Protectors
(Bulletin 140U J-Frame Electronic Trip Units are not affected)**

Ref: CPAG 2006-09-003

Date: September, 2006

Dear Rockwell Automation Customer,

The purpose of this Product Safety Alert is to inform you of a potential safety issue that exists with the following identified catalog numbered products:

140M-J8P-D10	140U-J2D3-D20	140U-J3D3-D20-A
140M-J8P-D12	140U-J2D3-D20-A	140U-J3D3-D20-F
140M-J8P-D12-MU	140U-J2D3-D20-F	140U-J3D3-D22
140M-J8P-D12-XC	140U-J2D3-D20-MU	140U-J3D3-D22-A
140M-J8P-D15	140U-J2D3-D20-PB	140U-J3D3-D25
140M-J8P-D17	140U-J2D3-D20-PJ	140U-J6D3-C90
140M-J8P-D20	140U-J2D3-D22	140U-J6D3-C90-A
140M-J8P-D22	140U-J2D3-D22-F	140U-J6D3-D10
140M-J8P-D25	140U-J2D3-D22-MU	140U-J6D3-D10-B
140M-J8P-D25-XF	140U-J2D3-D22-PD	140U-J6D3-D10-HJ
140U-J2D3-C90	140U-J2D3-D25	140U-J6D3-D10-MU
140U-J2D3-D10	140U-J2D3-D25-PD	140U-J6D3-D12
140U-J2D3-D10-F	140U-J2D3-D25-PJ	140U-J6D3-D12-MU
140U-J2D3-D12	140U-J2D3-D25-VD	140U-J6D3-D15
140U-J2D3-D12-MU	140U-J3D3-C90	140U-J6D3-D15-A
140U-J2D3-D15	140U-J3D3-D10	140U-J6D3-D15-HJ
140U-J2D3-D15-A	140U-J3D3-D10-F	140U-J6D3-D15-MU
140U-J2D3-D15-F	140U-J3D3-D12	140U-J6D3-D15-PD
140U-J2D3-D15-F-MU	140U-J3D3-D15	140U-J6D3-D17
140U-J2D3-D15-PJ	140U-J3D3-D15-A	140U-J6D3-D17-PD
140U-J2D3-D15-VD	140U-J3D3-D15-B	140U-J6D3-D20
140U-J2D3-D17	140U-J3D3-D17	140U-J6D3-D20-A
140U-J2D3-D17-A	140U-J3D3-D17-F	140U-J6D3-D20-B
140U-J2D3-D17-F	140U-J3D3-D20	140U-J6D3-D20-MU

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140U-J6D3-D22
140U-J6D3-D22-MU
140U-J6D3-D25
140U-J6D3-D25-A
140U-J6D3-D25-B
140U-J6D3-D25-HJ
140U-J6D3-D25-PD

140U-J6S3-D25
140U-J6S3-D25-A
140U-JTD3-C90
140U-JTD3-D10
140U-JTD3-D12
140U-JTD3-D15
140U-JTD3-D17

140U-JTD3-D20
140U-JTD3-D22
140U-JTD3-D25

Manufactured between Dec 13,
2005 and August 31, 2006

This Alert explains the potential safety issue and the steps being taken to rectify the situation.

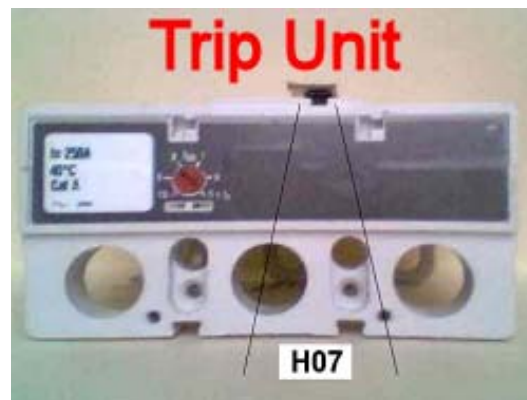
- Issue Description -

For the catalog numbers previously identified and referred to as the identified product, the following potential safety issue exists:

Potential Safety Issue-- The identified products manufactured between December 2005 and August 2006 may not trip under short circuit conditions, overload conditions, or as a result of under-voltage release or shunt trip operation.

-Complete Description of the Issue-

- The cause of the anomaly is due to an internal trip button that intermittently hangs up. The product may not consistently trip when sensing an overload or short circuit condition. Additionally, the circuit breaker may not consistently trip when optional attachments such as shunt trip, residual current device, or an under voltage release device is installed. The cause of the potential anomaly is the Trip Unit's actuator plunger may not release when required. This is an intermittent condition making detection very difficult. This problem can not be reliably detected by mechanical testing.
- It is possible to identify Trip Units that may intermittently experience a functional problem. Trip units using Trip Unit plungers marked H06 must not be used, plungers marked H07 can be used.



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- Trip units manufactured outside the specified date code range are acceptable. On trip units with manufacturing date codes from 12/13/05 to 7/31/06, look for the “H07” molded into the part. The "7" may be embossed over the "6". These are acceptable. Only the trip units with H06 plungers must not be used. The date code can be found on the load side of the trip unit. The instructions for identifying these date codes can be found in the product identification section.
- Since the affected trip units may have been included in assembled circuit breakers, the date codes for affected circuit breakers extend into August 2006. The date code for these assembled products can be located on the assembled circuit breaker nameplate and instructions for identifying the date codes can be found in the product identification sections.
- If you have identified product in your inventory or installed in an application, please arrange to have the product returned for replacement. Complete assemblies will be offered for replacement. It is not necessary to disassemble the product.

ATTENTION: This condition poses a safety hazard that potentially could result in death, serious personal injury or property damage. If products within the affected date code are not inspected or replaced the possibility exists that the circuit breaker may not respond to the conditions as noted above.

-Temporary Workarounds –

There are no workarounds for this situation. Replacement is required.

- Product Identification -

Products affected by this Mandatory Product Safety Alert as indicated earlier with the following date codes

140U-JTD*- Trip units with date codes 051213 through 060731 (yymmdd).

140U-J*D3-* Assembled Molded Case Circuit Breakers with date codes
ZW,AX,BX,CX,DX,EX,FX,HX,IX.

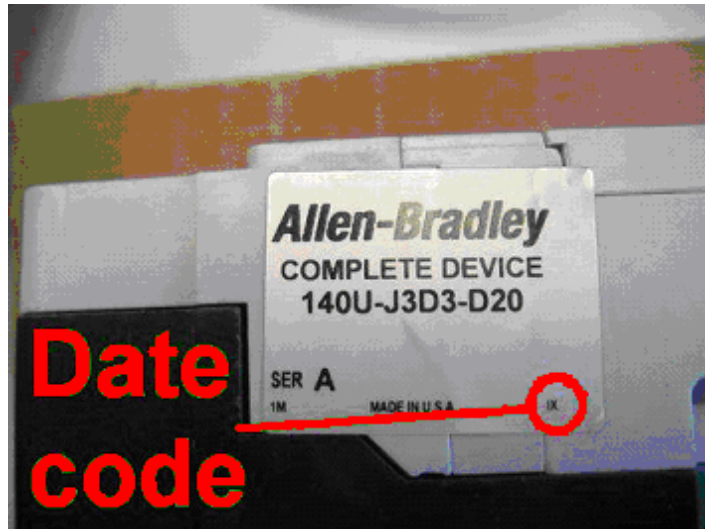
140M-J8P-* Motor Circuit Protectors with date codes 051213 through 060731 (yymmdd)

Note: “*” indicates a wildcard character within the catalog string.

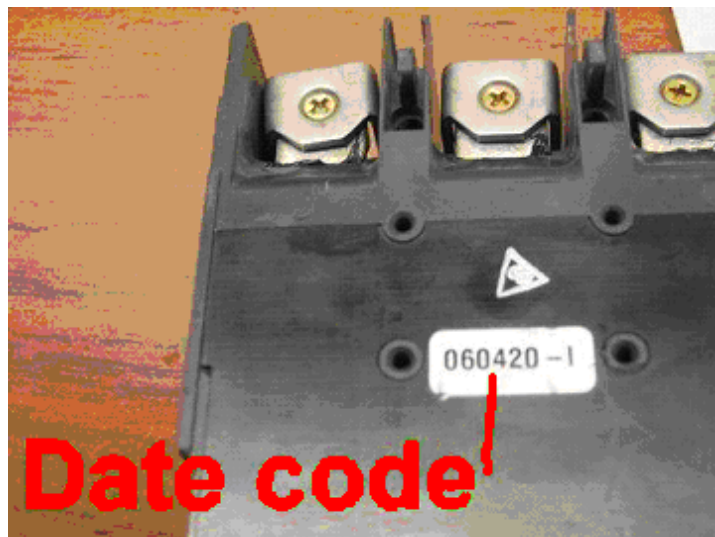
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- **How to locate the identifying information on the product, as applicable.**

Assembled Bul.140U J-Frame Molded Case Circuit Breakers date codes are part of the nameplate. See the picture below.



For an assembled Bul. 140M J-Frame MCP without internal accessories, the date code is placed on the frame as illustrated below.

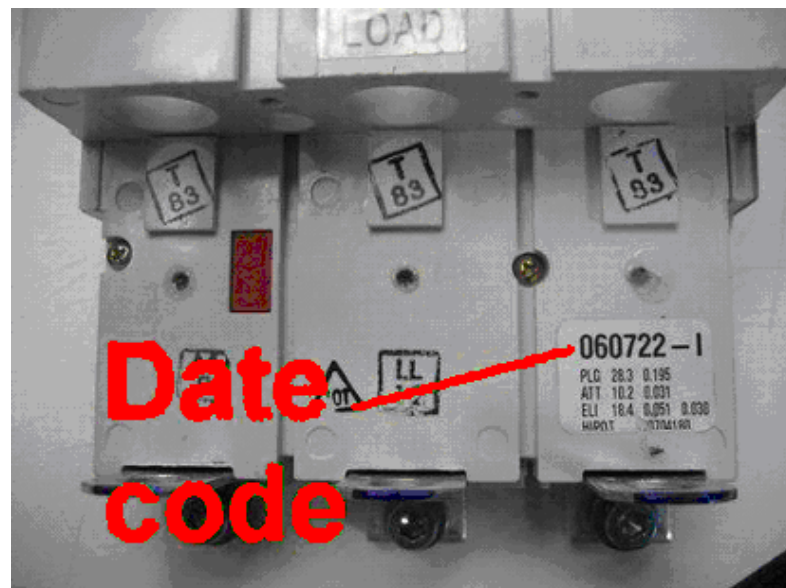


Individual trip units not assembled have date codes as follows:

Carton label has date code with year month day as shown below



The trip unit component is also date coded as shown below. As stated earlier, units within the affected date code ranges with the “HO7” trip plungers can be used.



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-Issue Correction -

The affected products have been removed from Rockwell Automation inventory. All shipments after August 31, 2006 have corrected product.

The potential safety issue described above has been corrected in the trip units with date codes of August 2006 or later. Additionally, trip units in the affected date code range with trip plungers marked H07 are also useable (a pictorial representation of the plunger's location is shown earlier within this document).

Assembled Molded Case Circuit Breakers with date codes of September 2006 (JX) are good.

Bulletin 140M Motor Circuit Protectors with date codes of August 1, 2006 (060801) or later are assembled with corrected Trip Units.

Products in our inventory that have been inspected and approved for use are marked with an "M" on both the carton label and front label of the trip unit as shown below.



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- Requested Customer Action -

Each notified customer should take the following actions:

- Confirm that you have the affected products.
- Immediately contact your local Rockwell Automation Sales and Support office or Allen-Bradley Distributor to determine the appropriate course of action. Together, the local office and your Allen-Bradley Distributor will work with you to determine the correction for your situation.

If you require any further technical assistance, you should contact Rockwell Automation Technical Support (440) 646-5800 then select option #2 followed by option #4 followed by option #2 for Industrial Control Products.

We appreciate your immediate cooperation in this matter. If you have any questions, please contact us.

Sincerely,

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