

DATE: 11 MAY 2018

CMI 425 Amp flameproof restrained receptacle recall

This safety alert provides safety advice for the NSW mining industry.

This safety alert must be read in conjunction with the CMI ELECTRICAL PRODUCT RECALL – CMI 300/425A Restrained Receptacle Range – ANZEx 13.3002; IECEx TSA 13.0005X.

Issue

CMI Electrical have identified that some 425A receptacles may have been supplied with 300A phase pins in lieu of 425A phase pins. The CMI product recall letter has identified that it is possible that approximately 30 of the 425A receptacles may have been supplied with the incorrect pins fitted.

Consequences

The 300A pins are approximately 3.2 mm smaller in diameter than the 425A pins. The consequences of the receptacles being installed with the incorrect pins range from an open circuit phase(s) to burning contacts when a 425A plug is fitted to the receptacle. The pilot pins and the earthing connections are not affected by this recall notice and will still make effective contact with the mating plug connections and will enable a cable and connected equipment to be energised. Where some contact is made between a 300A pin (receptacle) and a 425A socket (plug), current carrying capacity of the joint will be greatly impacted and may lead to an arcing fault within the receptacle and plug joint.

If a receptacle is identified with 300A pins fitted, it is possible that the corresponding 425A sockets in the mating plug may also have been damaged, through burning or overheating. This may also affect the insulating material within the plug interior and the cable itself.

Recommendations

1. Mine operators are to organise for 425A CMI receptacles, as described in the attached product recall letter, to be inspected to ensure that the correct pins have been fitted to receptacles at their mine.
2. Where incorrectly installed pins are identified, the receptacle must not be returned to service. In this situation, the supplier of the receptacle, or CMI Electrical, should be contacted for further actions with respect to the receptacle and pins.
3. Where incorrectly installed pins are identified, the mating plug and cable must also be removed from service and inspected for damage.

NOTE: Please ensure all relevant people in your organisation receive a copy of this safety alert, and are informed of its content and recommendations. This safety alert should be processed in a systematic manner through the mine's information and communication process. It should also be placed on the mine's notice board.

Go to resourcesandenergy.nsw.gov.au/safety to:

- find more safety alerts and bulletins
- use our searchable safety database
- sign-up to receive mine safety news.

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Disclaimer: The information contained in this publication is based on knowledge and understanding at the time of writing (April 2018). However, because of advances in knowledge, users are reminded of the need to ensure that information upon which they rely is up to date and to check currency of the information with the appropriate officer of the NSW Department of Planning and Environment or the user's independent advisor.

Office use only

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8th March 2018

Reference: CMI ELECTRICAL PRODUCT RECALL

**CMI 300/425A Restrained Receptacle Range
ANZEx 13.3002; IECEX TSA 13.0005X**

Specific Models: AG414B; AG464BQR; AG414BQR; AG414BQR-A
Serial numbers of possibly affected units are on the attached list.

CMI Electrical have identified a possible non-compliance issue with the above models of receptacles.

We have identified, through stock discrepancies, that approximately 30 off 425A units may have been supplied with 300A phase pins in lieu of 425A phase pins.

We are asking for the industries' assistance, in tracing the incorrectly supplied phase pins, which CMI Electrical will replace through a service exchange program. CMI Electrical are going down the service exchange route to ensure the incorrect pins cannot accidentally find their way into another unit.

CMI Electrical are instigating the following method to prevent reoccurrence at both CMI Electrical, stockists and end users.

Going forward, once the incoming new pins are inspected and verified in our quality control inspection process, all pins are to be packed into sealed plastic bags, in sets of three, and the bag marked with the part number and description.

Consequences of incorrect pins installed and placed into service

The consequences of the receptacles being installed with the incorrect pins range from an open circuit phase(s) to burning contacts.

The receptacle will NOT function correctly with the incorrect pins Installed





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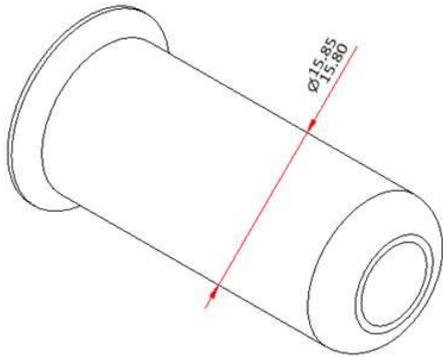
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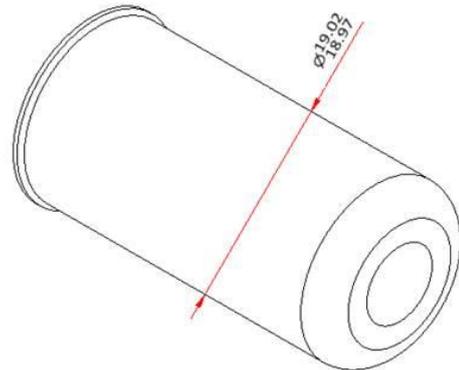
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Identification of 300A vs 425A phase contact pins



4607
(300A MAIN PIN)



4608
(425A MAIN PIN)

Further actions CMI Electrical will be taking:

- CMI Electrical will individually contact each customer that the incorrect units may have been supplied to and be offering a solution.
- CMI Electrical will be placing industry notices through both MEMMES and ExTA
- CMI Electrical will notify the relevant regulators of this Product Recall.

Yours sincerely,
CMI- Electrical Products

Michael Page
Manager- Minto Industrial Products





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Listing of serial numbers for possibly affected receptacles

Product Type	Serial Numbers			
AG414B	MO061022-1	MO061022-3	MO061022-3	MO061022-4
AG414B	MO060602-1	MO060549-1		
AG414BQR	MO060868-1	MO060868-2	MO060868-3	MO060868-4
AG414BQR	MO060868-5	MO060868-6	MO060868-7	MO060868-8
AG414BQR	MO060815-1	MO060815-2	MO060815-3	MO060815-4
AG414BQR	MO060815-6	MO060815-6	MO060815-7	
AG414BQR	MO060814-1	MO060814-2	MO060814-3	MO060814-4
AG414BQR	MO060814-5	MO060814-6	MO060814-7	MO060814-8
AG414BQR	MO060813-1	MO060813-2	MO060813-3	MO060813-4
AG414BQR	MO060813-5	MO060813-6	MO060813-7	MO060813-8
AG414BQR	MO060812-1	MO060812-2	MO060812-3	MO060812-4
AG414BQR	MO060812-1	MO060812-1	MO060812-1	MO060812-1
AG414BQR	MO060652-1	MO060652-2	MO060652-3	MO060652-4
AG414BQR	MO060652-5	MO060652-6	MO060652-7	MO060652-8
AG414BQR	MO060651-1	MO060651-2	MO060651-3	MO060651-4
AG414BQR	MO060651-5	MO060651-6	MO060651-7	MO060651-8
AG414BQR	MO060492-1	MO060492-2	MO060492-3	MO060492-4
AG414BQR	MO060492-5	MO060492-6	MO060492-7	MO060492-8
AG414BQR	MO060154-1	MO060154-2	MO060154-3	MO060154-4
AG414BQR	MO060154-5	MO060154-6	MO060154-7	MO060154-8
AG414BQR	MO060153-1	MO060153-2	MO060153-3	MO060153-4
AG414BQR	MO060153-5	MO060153-6	MO060153-7	MO060153-8
AG414BQR	MO060152-1	MO060152-2	MO060152-3	MO060152-4
AG414BQR	MO060152-5	MO060152-6	MO060152-7	MO060152-8
AG414BQR	MO060151-1	MO060151-2		
AG414BQR	MO060117-1	MO060117-2	MO060117-3	MO060117-4
AG414BQR	MO060117-5	MO060117-6	MO060117-7	MO060117-8
AG414BQR	MO060116-1	MO060116-2	MO060116-3	MO060116-4
AG414BQR	MO060116-5	MO060116-6	MO060116-7	MO060116-8
AG414BQR	MO060115-1	MO060115-2	MO060115-3	MO060115-4
AG414BQR	MO060115-5	MO060115-6	MO060115-7	MO060115-8
AG414BQR	MO060114-1	MO060114-2	MO060114-3	MO060114-4
AG414BQR	MO060114-5	MO060114-6	MO060114-7	MO060114-8
AG414BQR	MO059924-1	MO059924-2	MO059924-3	MO059924-4
AG414BQR	MO059924-5	MO059924-6	MO059924-7	MO059924-8
AG414BQR	MO059923-1	MO059923-2	MO059923-3	MO059923-4
AG414BQR	MO059923-5	MO059923-6	MO059923-7	MO059923-8
AG414BQR	MO059831-1	MO059831-2	MO059831-2	MO059831-4
AG414BQR	MO059831-5	MO059831-6	MO059831-7	MO059831-8





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AG414BQR	MO059581-1	MO059581-2	MO059581-3	MO059581-4
AG414BQR	MO059581-5	MO059581-6	MO059581-7	MO059581-8
AG414BQR	MO059580-1	MO059580-2	MO059580-3	MO059580-4
AG414BQR	MO059580-5	MO059580-6	MO059580-7	MO059580-8
AG414BQR	MO059579-1	MO059579-2	MO059579-3	MO059579-4
AG414BQR	MO059579-5	MO059579-6	MO059579-7	
AG414BQR	MO059264-1	MO059264-2	MO059264-3	MO059264-4
AG414BQR	MO059264-5	MO059264-6	MO059264-7	MO059264-8
AG414BQR	MO059163-1	MO059163-2	MO059163-3	MO059163-4
AG414BQR	MO059163-5	MO059163-6	MO059163-7	MO059163-8
AG414BQR	MO059099-1	MO059099-2	MO059099-3	MO059099-4
AG414BQR	MO059099-5	MO059099-6	MO059099-7	MO059099-8
AG414BQR	MO059100-1	MO059100-2	MO059100-3	MO059100-4
AG414BQR	MO059100-5	MO059100-6	MO059100-7	MO059100-8
AG414BQR	MO058991-1	MO058991-2	MO058991-3	MO058991-4
AG414BQR	MO058991-5	MO058991-6	MO058991-7	MO058991-8
AG414BQR	MO058963-1	MO058963-2	MO058963-3	MO058963-4
AG414BQR	MO058963-5	MO058963-6	MO058963-7	MO058963-8
AG414BQR	MO058757-1	MO058757-2	MO058757-3	MO058757-4
AG414BQR	MO058757-5	MO058757-6	MO058757-7	MO058757-8
AG414BQR	MO058716-1	MO058716-2	MO058716-3	MO058716-4
AG414BQR	MO058716-5	MO058716-6	MO058716-7	MO058716-8
AG414BQR-A	MO060850-1	MO060850-2	MO060850-3	MO060850-3
AG414BQR-A	MO060850-5	MO060850-6	MO060850-7	MO060850-8
AG414BQR-A	MO060118-1	MO060118-2	MO060118-3	MO060118-4
AG414BQR-A	MO060118-5	MO060118-6	MO060118-7	MO060118-8
AG464BQR	MO060784-1	MO060784-2	MO060784-3	MO060784-4
AG464BQR	MO060650-1	MO060650-2	MO060650-3	

