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PRODUCT CHANGE NOTIFICATION 0020

Issue Date: 03/13/2025

DESCRIPTION OF CHANGE:
TCI will replace all 3-phase Vishay dry type screw terminal capacitors to Vishay dry type spring clamp capacitors. The change applies to all designs both standard product and in component kit form. The rate at which the capacitors will change over is subject to stock availability of the old TCI capacitor parts. This notification highlights filter component applications. Please reference *Part Numbers Affected* and *Product Identification* below.

PRODUCT CATEGORY:
HGP KIT (40HP and above)

PART NUMBERS / SERIES / FAMILIES AFFECTED:
Standard parts are listed in this section below. Custom HGP kit filters will also be affected. For more information on a specific custom part, please contact your TCI representative or marketing@transcoil.com with your specific part number.

Loose Capacitors

New TCI part	Old TCI part	Description
32812	28564	Cap, 5kVAR, 480V, 60Hz, Dry, Spring Clamp
32813	28565	Cap, 10kVAR, 480V, 60Hz, Dry, Spring Clamp
32814	28566	Cap, 15kVAR, 480V, 60Hz, Dry, Spring Clamp
32815	28541	Cap, 20kVAR, 480V, 60Hz, Dry, Spring Clamp

HGP Kit Part Numbers

480V, 60Hz				
HGP0040AW8__	HGP0100AW8__	HGP0250AW8__	HGP0450AW8__	HGP0800AW8__
HGP0050AW8__	HGP0125AW8__	HGP0300AW8__	HGP0500AW8__	HGP0900AW8__
HGP0060AW8__	HGP0150AW8__	HGP0350AW8__	HGP0600AW8__	HGP1000AW8__
HGP0075AW8__	HGP0200AW8__	HGP0400AW8__	HGP0700AW8__	

CLASSIFICATION OF CHANGE:
Replacement with same performance

REASON FOR CHANGE:
Vendor supply chain issues and capacitor terminal block improvement.

EXPECTED INFLUENCE ON QUALITY/REALIABILITY/PERFORMANCE:
The new Vishay capacitors have a spring clamp terminal block rather than older screw type terminals. **The new capacitor bleeder resistors must be inserted into the capacitor upon inspection. Reference DWG 32812 through 32815 of all new capacitor drawings with instructions.** The bleeder resistor instructions will also be put into the new Installation Operation and Maintenance Manuals. There will be no change to quality or performance.

TIME SCHEDULE:
Changes will occur starting on shipments immediately, or subject to stock availability of previous capacitors.

PRODUCT IDENTIFICATION:
Loose capacitor part numbers will transition from old part numbers to new part numbers as defined in section PART NUMBERS / SERIES / FAMILIES AFFECTED “Loose Capacitors”.

HGP kit part numbers are not changing.

Capacitor Bracket:
The capacitor dimensions are the same so the bracket for mounting will be unchanged.

Always check https://transcoil.com/products/kits-page/ for the most up to date filter kit details.

Capacitor Comparison:

kVAR	New TCI part	Dimensions	Old TCI part	Dimensions
5	32812	Height: 9.78“, Dia 2.52"	28564	Height: 9.51“, Dia 2.52”
10	32813	Height: 9.74“, Dia 3.32"	28565	Height: 9.11“, Dia 3.32"
15	32814	Height: 9.74“, Dia 3.32"	28566	Height: 9.11”, Dia 3.32"
20	32815	Height: 12.69“, Dia 3.32"	28541	Height: 12.06“, Dia 3.32"

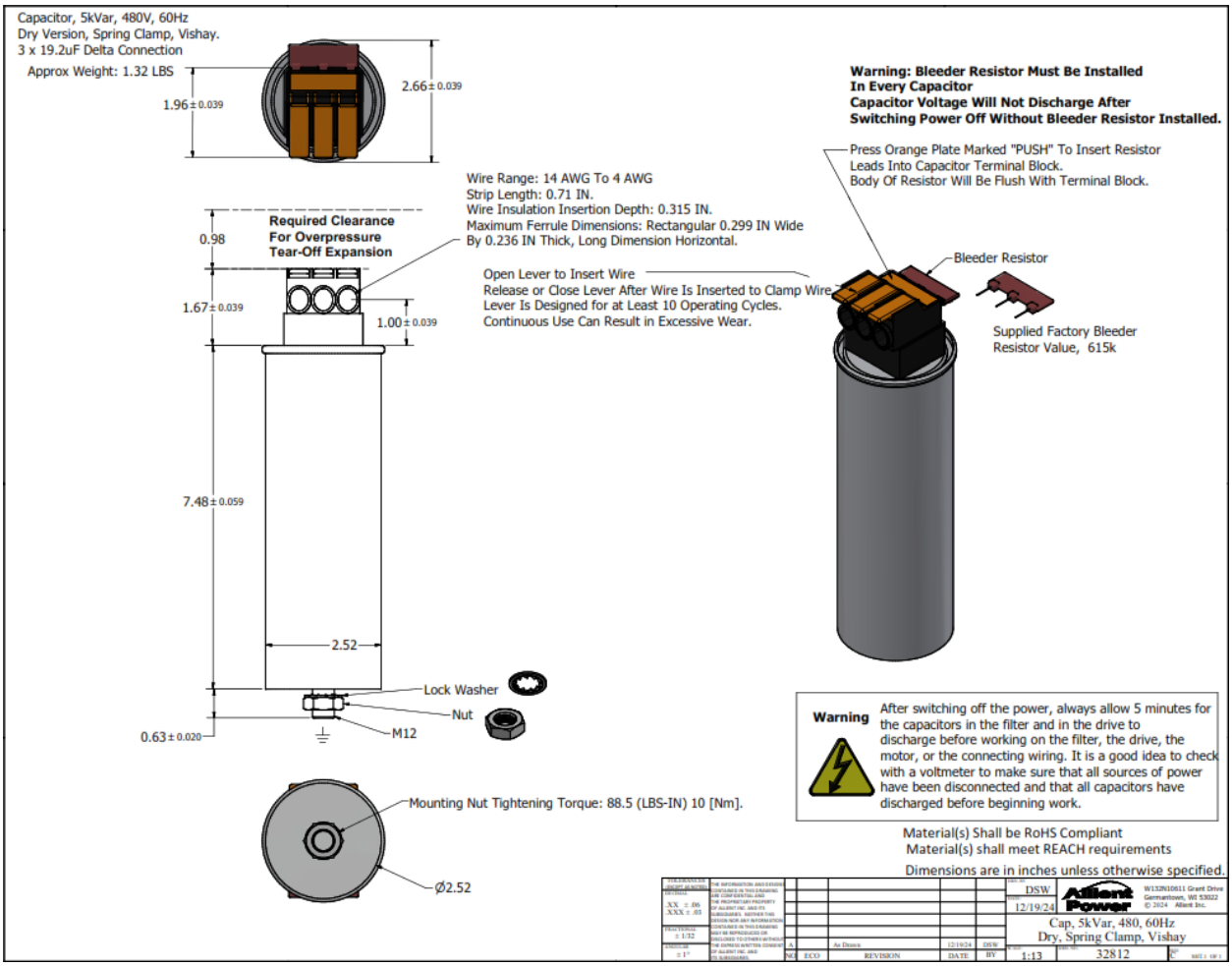

Figure 1:New 5 kVAR Spring Clamp

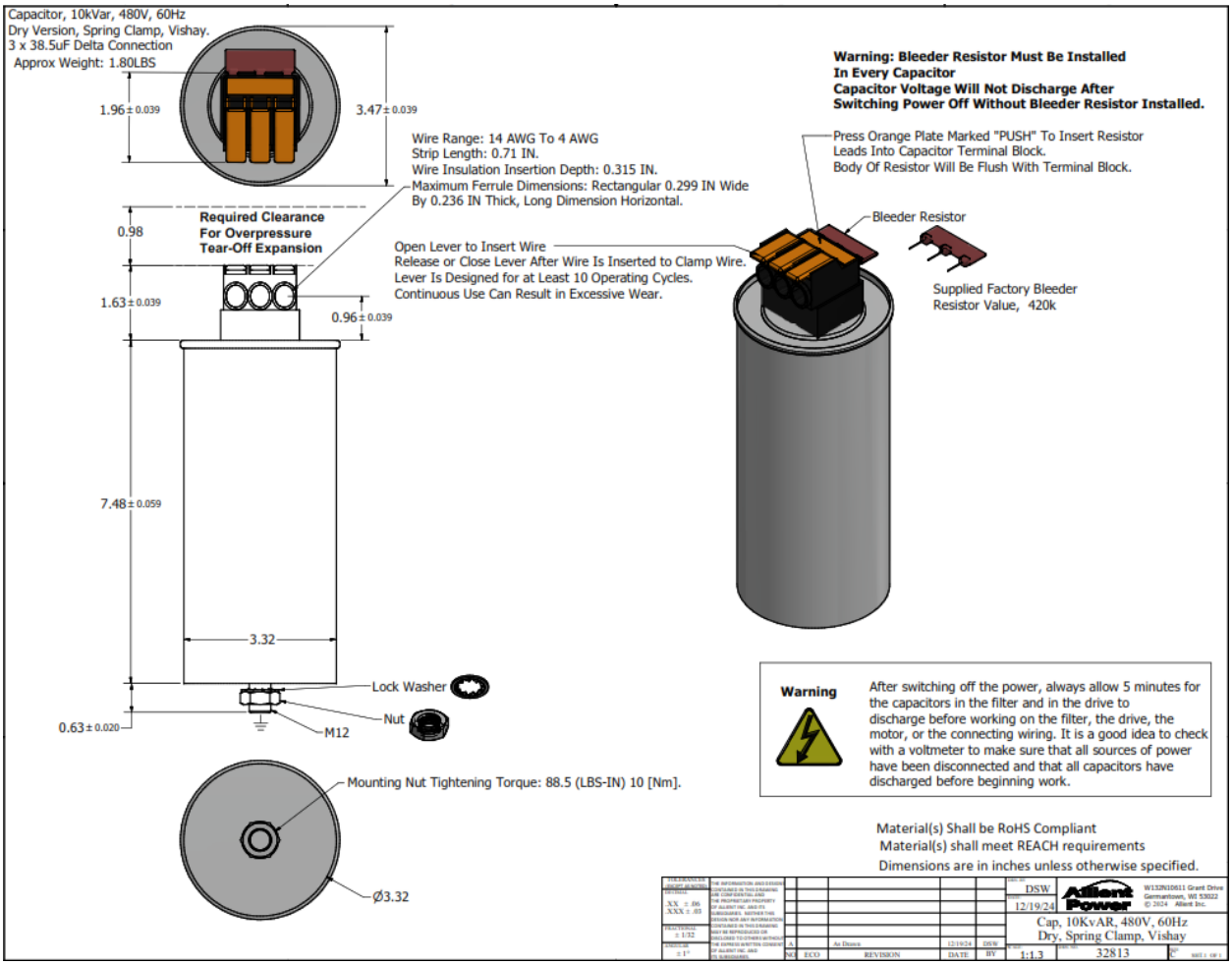

Figure 2:New 10 kVAR Spring Clamp

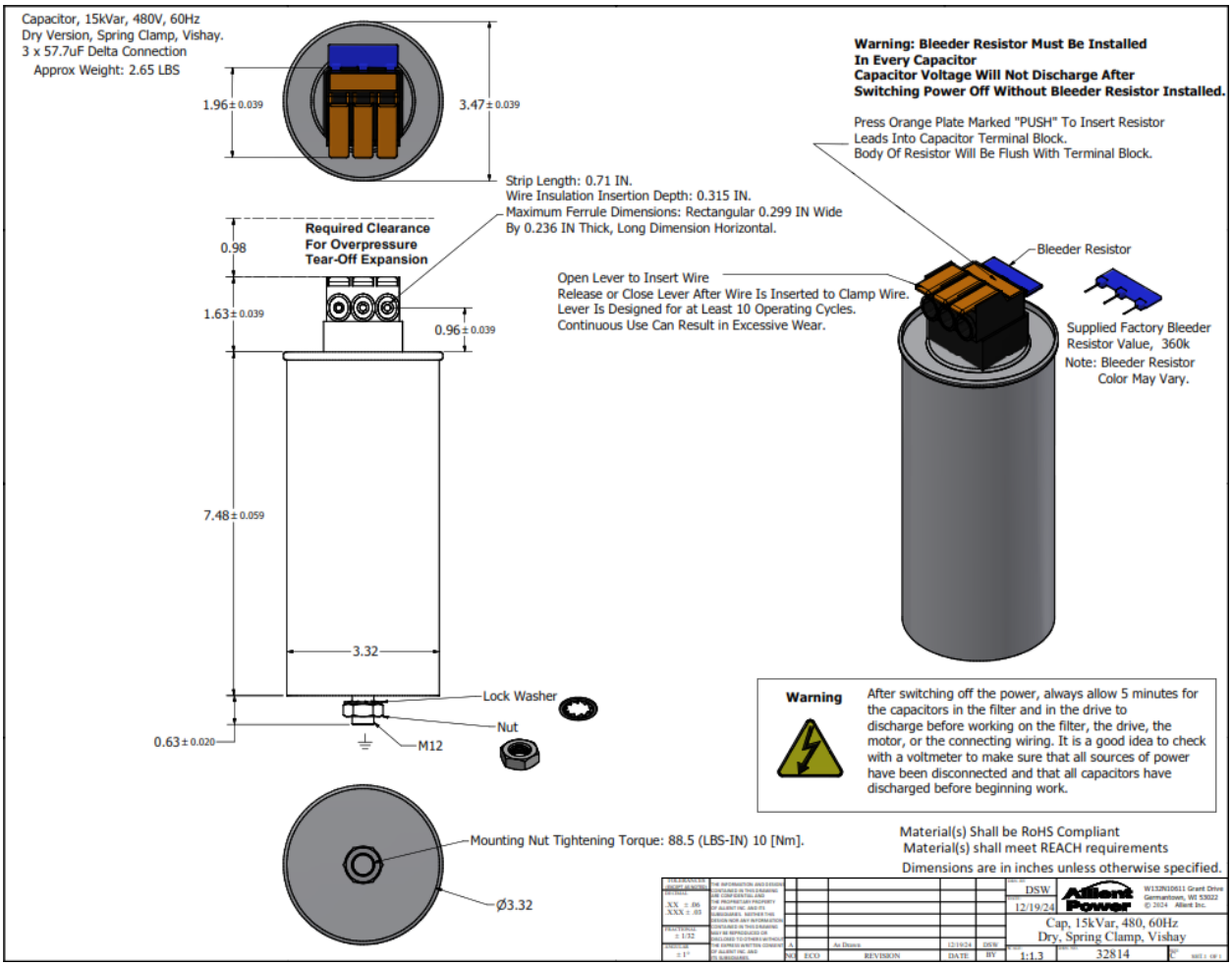

Figure 3:New 15 kVAR Spring Clamp

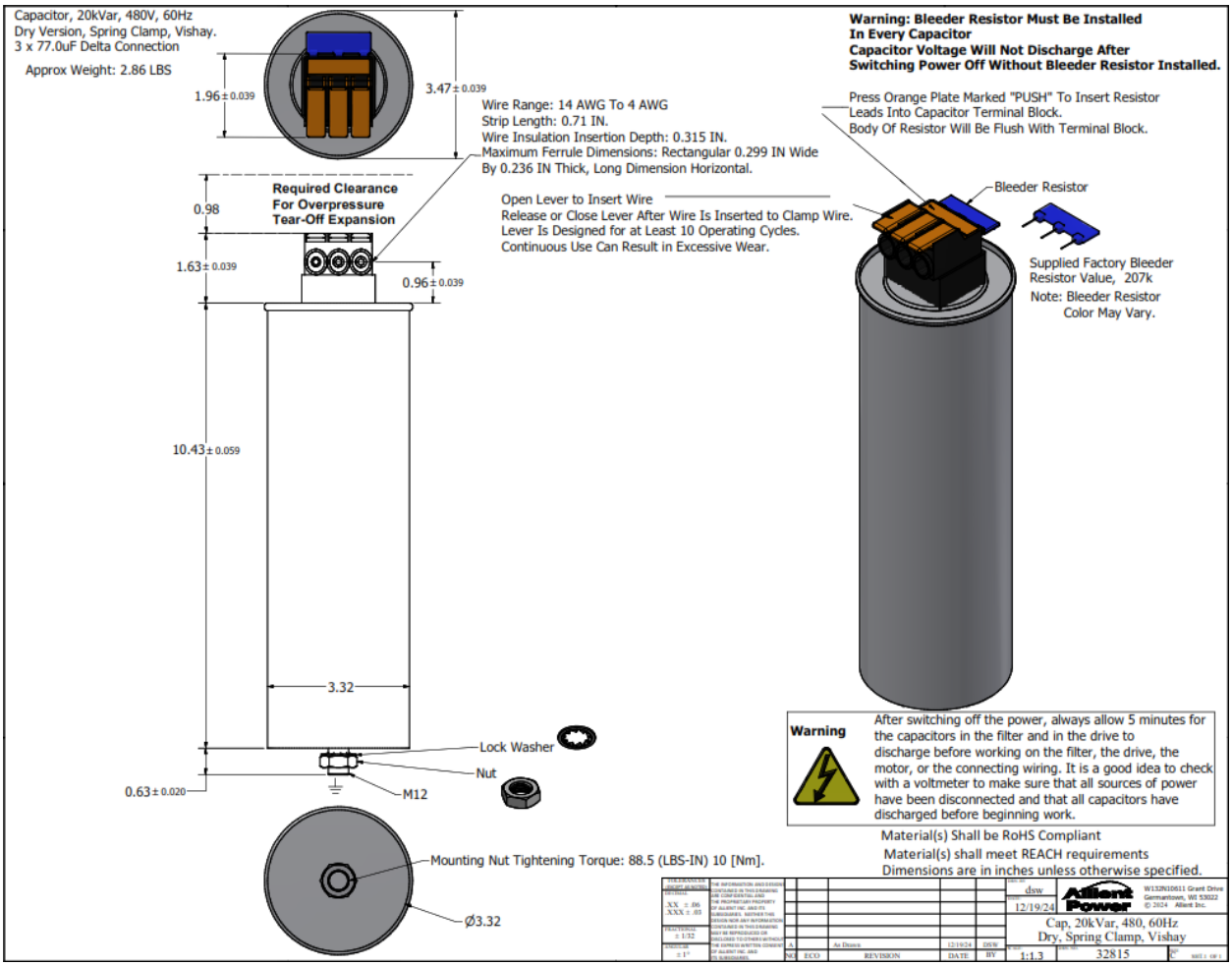

Figure 4:New 20 kVAR Spring Clamp

This PCN is considered approved, without further notification. Returns based on the prior design will not be accepted.

Josh Haase

ISSUED BY: Josh Haase, TCI Product Manager

For further information, please contact your TCI Regional Sales Manager or Marketing Team at marketing@transcoil.com