
PRODUCT CHANGE NOTIFICATION 0021**Issue Date:** 04/02/2025**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:

HGL KIT

HSP KIT

PART NUMBERS / SERIES / FAMILIES AFFECTED:

Standard parts are listed in this section below. Custom HGL & HSP 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

HGL Kit Part Numbers

480V, 60Hz				
HGL0040AW8__	HGL0100AW8__	HGL0250AW8__	HGL0450AW8__	HGL0800AW8__
HGL0050AW8__	HGL0125AW8__	HGL0300AW8__	HGL0500AW8__	HGL0900AW8__
HGL0060AW8__	HGL0150AW8__	HGL0350AW8__	HGL0600AW8__	
HGL0075AW8__	HGL0200AW8__	HGL0400AW8__	HGL0700AW8__	

HSP Kit Part Numbers

240V, 60Hz			
HSP028B00CP	HSP136B00CP	HSP216B00CP	HSP324B00CP
HSP052B00CP	HSP162B00CP	HSP220B00CP	HSP432B00CP
HSP070B00CP	HSP182B00CP	HSP260B00CP	

HSP Kit Part Numbers

480V, 60Hz				
HSP014A00CP	HSP034A00CP	HSP068A00CP	HSP130A00CP	HSP216A00CP
HSP021A00CP	HSP044A00CP	HSP091A00CP	HSP156A00CP	
HSP026A00CP	HSP055A00CP	HSP110A00CP	HSP162A00CP	

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".

HGL & HSP 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"

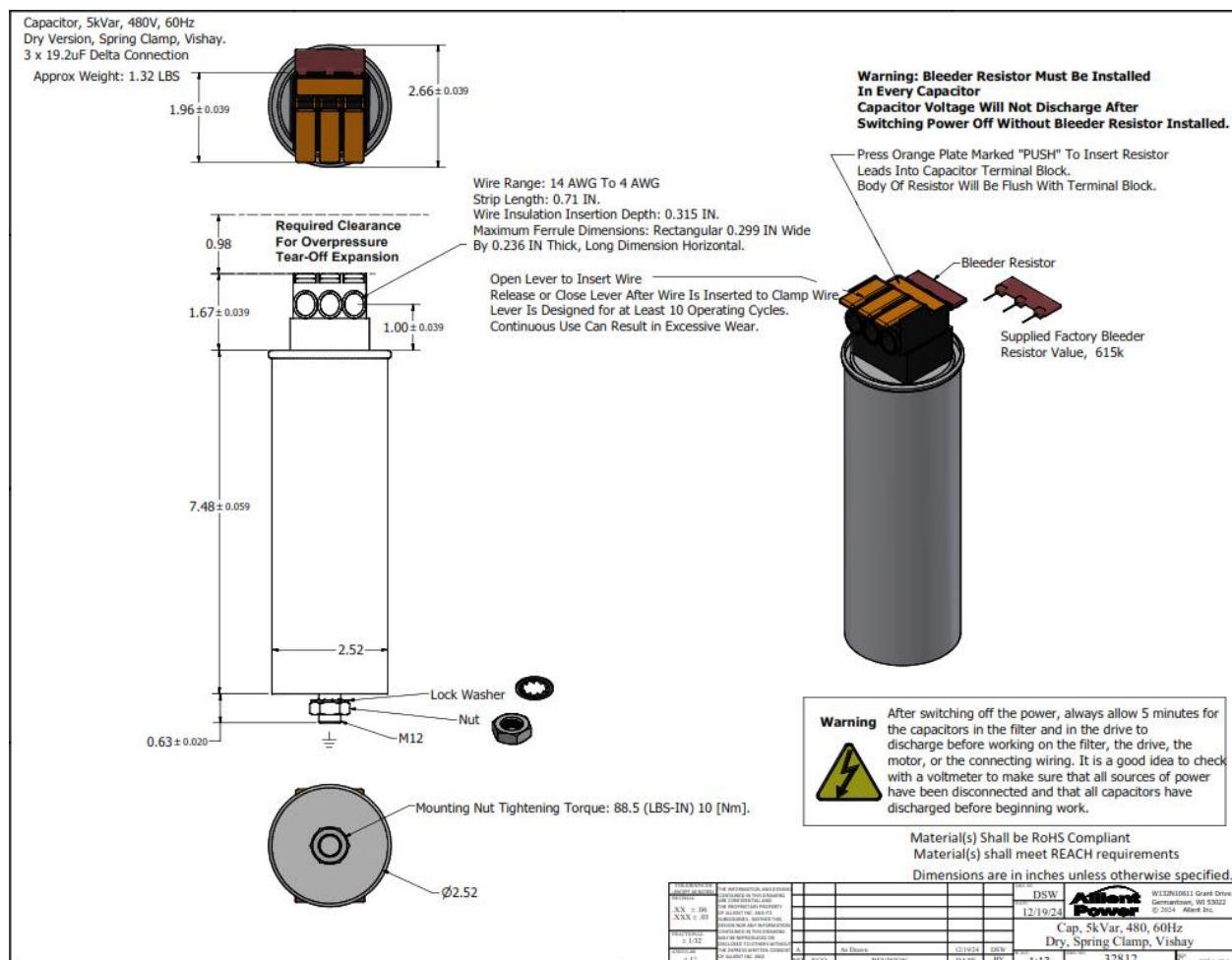


Figure 1: New 5 kVAR Spring Clamp

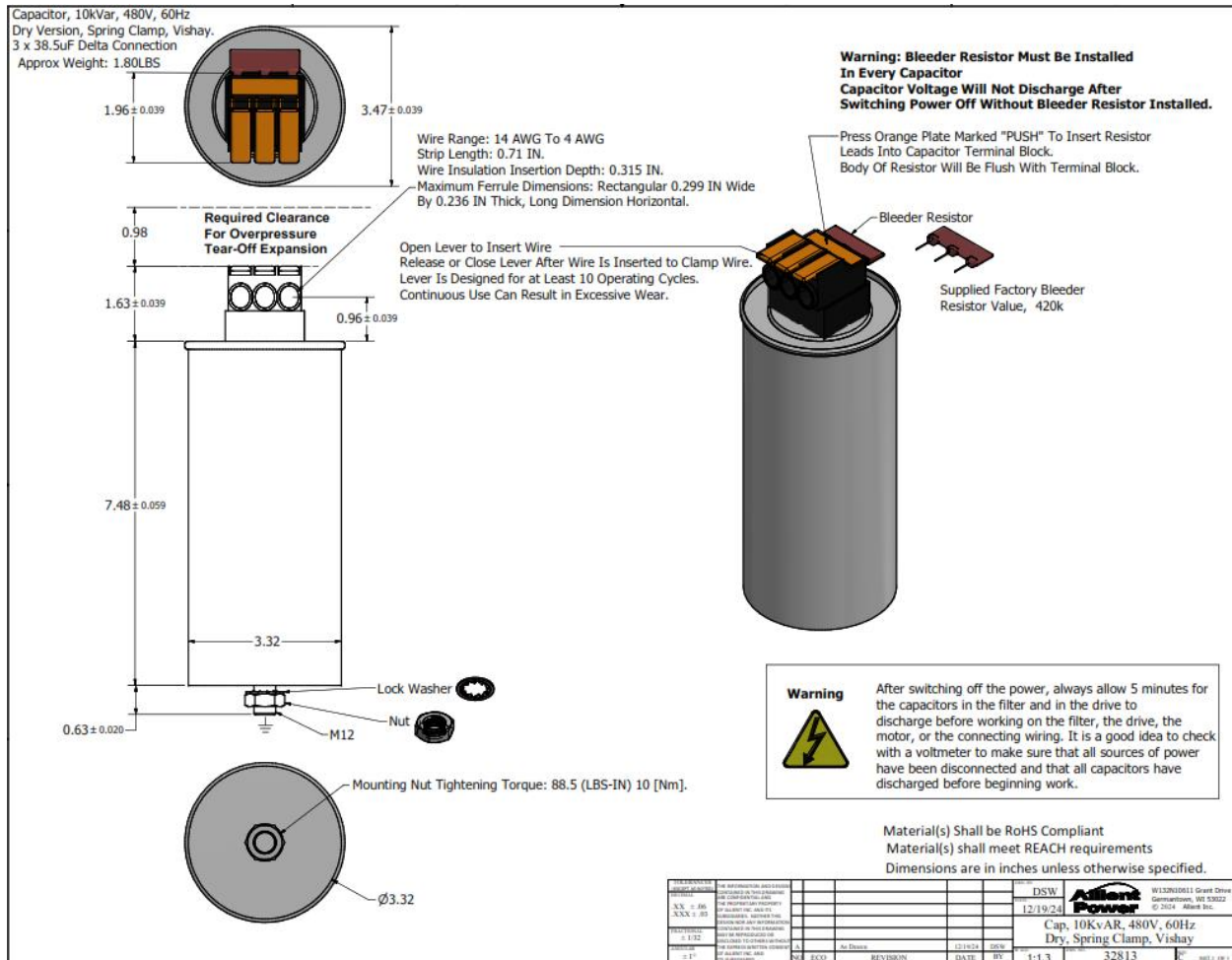


Figure 2: New 10 kVAR Spring Clamp

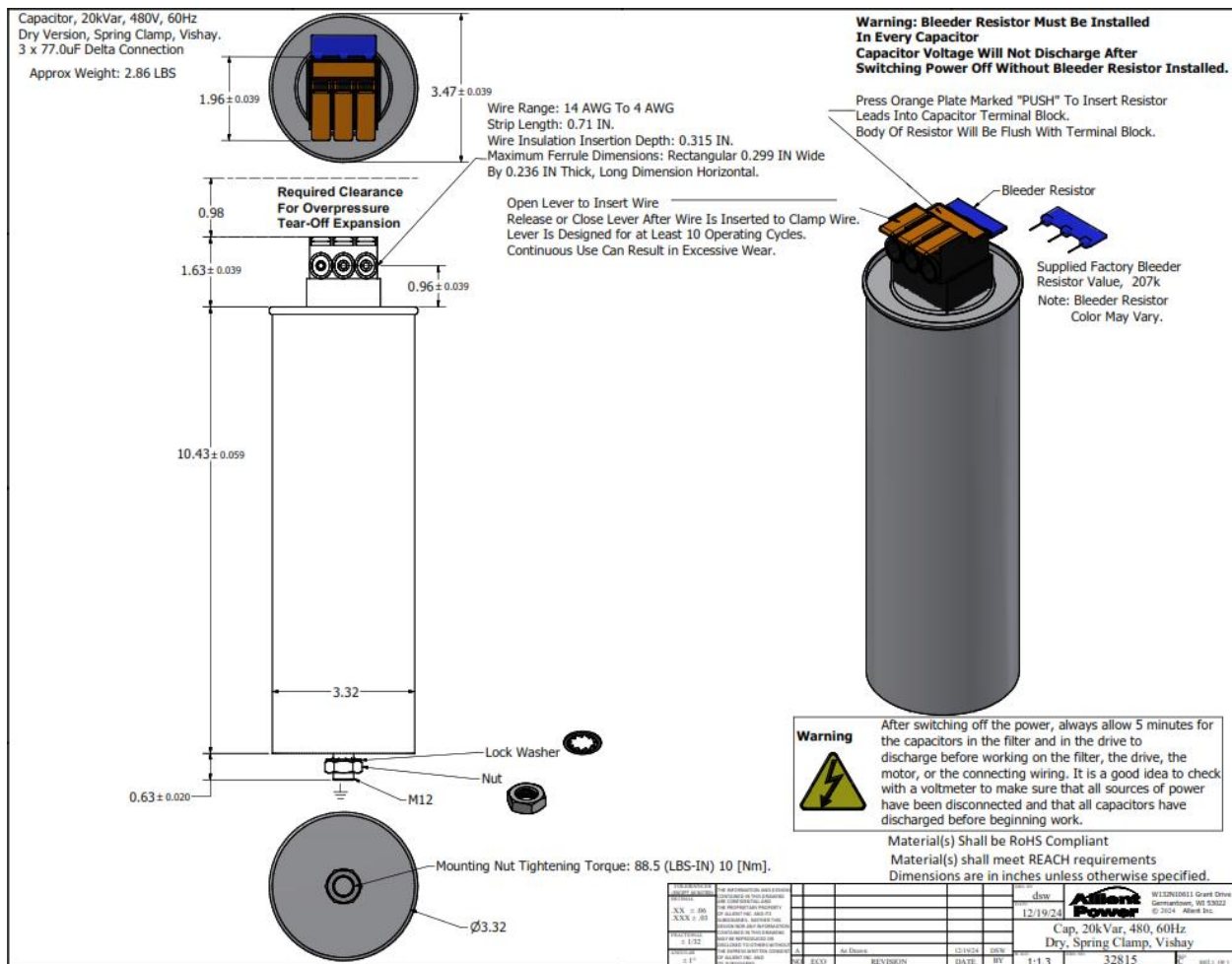


Figure 4: New 20 kVAR Spring Clamp

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