



# Certificate of Compliance

**Certificate:** 1267150

**Master Contract:** 172220

**Project:** 80014937

**Date Issued:** 2019-11-26

**Issued To:** KEB Automation KG  
Suedstrasse 38  
Barntrup, Nordrhein-Westfalen, 32683  
Germany

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.*



**Issued by:** *Khalil Ouldchama*  
Khalil Ouldchama, P. Eng.

## **PRODUCTS**

CLASS - C321107 - INDUSTRIAL CONTROL EQUIPMENT Miscellaneous Apparatus

CLASS - C321187 - INDUSTRIAL CONTROL EQUIPMENT Miscellaneous Apparatus - Certified to US Standards

## **PART A:**

Spring Applied Brakes, COMBISTOP, open type, 290 Vdc or less, insulation Class B or F:

Type 08 (dimensions 0B - 10), 6 - 180 W

Type 28 (dimensions 01 - 10), 16 - 130 W

Type 31 (dimensions 01 - 08), 16 - 75 W

Type 38 (dimensions 02 - 11), 25 - 280 W

Type 71 (dimensions 00 - 11), 6 - 300 W



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**PART B:**

Permanent Magnet Brakes, COMBIPERM, open type, 205 Vdc or less, insulation Class F:  
Type PI (dimensions 01 - 10), 8 - 50 W  
Type 15 (dimension 02-10), 8 - 50 W

**PART C:**

Electromagnetic Clutches and Brakes, COMBINORM, open type, 205 Vdc or less, insulation Class B or F:  
Type 02 (dimensions 01 - 13), 6 - 85 W  
Type 03 (dimensions 01 - 13), 6 - 85 W  
Type 04 (dimensions 05 - 12), clutches 15 - 85 W; brakes 15 - 85 W

**Notes:**

1. The first two figures define the size of the product. The next two figures describe the product type, e.g. COMBISTOP. The following three figures describe the design and the last four figures describe the layout of the product type.
2. Component magnets equipped with not certified leads are supplied with levels acceptable for extra low Voltage, energy limited circuits only. Final acceptability is subjected to re-evaluation by CSA in the end use.
3. The certified products are intended for use as components of complete equipment submitted for Final investigation for end use.

**APPLICABLE REQUIREMENTS**

CSA-C22.2 No. 14-18 - Industrial Control Equipment  
ANSI/UL 508, Ed.17 - Industrial Control Equipment



## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
80014937	2019-11-26	Addition of alternate lead wire support to the part A only, Spring Applied Brakes - COMBISTOP type 038 and alternate recognized plastic material.
70199031	2018-10-05	Update of report to cover correction of issued address and to update report in accordance with CSA-C22.2 No. 14-18 and Certification notice "Industrial Control Equipment No. 60", dated at April 26, 2018.
1817504	2006-08-25	Alternate construction and re-testing of brakes and clutches, series Combistop, Combiperm and Combinom. Rated voltage raised to 205 Vdc for Combiperm and Combinom.
1267150	2002-04-08	cCSAus Certification on Electromagnetic brakes and clutches; COMBISTOP, Types 08, 28, 31, 38, 71; COMBIPERM, Types PI, 15; COMBINORM, Types 02, 03, 04.