

Certificate of Compliance

Certificate: 1267150 (LR 49670)

Master Contract: 172220

Project: 1267150

Date Issued: April 8, 2002

Issued to: **Karl E. Brinkmann GmbH**
Foersterweg 36-38
Barntrup, D-32683
GERMANY

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US'



Issued by: G. Foulem



PRODUCTS

CLASS 3211 07 - INDUSTRIAL CONTROL EQUIPMENT - Miscellaneous Apparatus

CLASS 3211 87 - INDUSTRIAL CONTROL EQUIPMENT - Miscellaneous Apparatus - CERTIFIED TO U.S. STANDARDS

Electromagnetic brakes and clutches:

Spring Applied Brakes, COMBISTOP, open type, 290V dc or less:

Type 08 (dimensions 00 – 10), 11-130W

Type 28 (dimensions 01 – 10), 16-130W

Type 31 (dimensions 01 – 08), 16-75W

Type 38 (dimensions 02 – 11), 25-280W

Type 71 (dimensions 00 – 11), 11-150W

Permanent Magnet Brakes, COMBIPERM, open type, 48V dc or less:

Types P1, 15 (dimensions 01 – 10), 8-50W

Electromagnetic Clutches and Brakes, COMBINORM, open type, 48V or less:

Type 02 (dimensions 01 – 13), 6-65W

Type 03 (dimensions 01 – 12), 6-85W

Type 04 (dimensions 06 – 12), clutches 15-85W; brakes 12-65W

The 'C' and 'US' indicators adjacent to the CSA Mark signify that the product has been evaluated to the applicable CSA and ANSI/UL Standards, for use in Canada and the U.S., respectively. This 'US' indicator includes products eligible to bear the 'NRTL' indicator. NRTL, i.e. National Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognized to perform certification to U.S. Standards.

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Notes:

1. The type designation is foregoing by 2 dimension numbers and followed by 3 figures indicating mechanical details and figures indicating supply voltage.
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 International in the end use.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No.	0-M91	-	General Requirements - Canadian Electrical Code, Part II
CAN/CSA-C22.2 No.	14-95	-	Industrial Control Equipment
ANSI/UL Std No.	508	-	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

Project	Date	Description
1267150	April 8, 2002	CCSAus Certification on Electromagnetic brakes and clutches; COMBISTOP, Types 08, 28, 31, 38, 71; COMBIPERM, Types P1, 15; COMBINORM, Types 02, 03, 04.