



# Certificate of Compliance

**Certificate:** 1358398

**Master Contract:** 165900

**Project:** 80000742

**Date Issued:** 2019-07-31

**Issued To:** Kraus & Naimer Produktion GmbH  
Schumannngasse 31 - 39  
Vienna, Vienna, W, 1181  
Austria

**Attention:** Dipl. Ing. Helmut Bosina

*The products listed below are eligible to bear the CSA Mark shown*

**Issued by:** *Maroof Siddiqui*  
Maroof Siddiqui



## **PRODUCTS**

CLASS - C321105 - INDUSTRIAL CONTROL EQUIPMENT Motor Controllers - Manual

AC Cam Type Controllers, open type, single and 3-phase.

Series CG Types:

CG4, CG4-1, CG4N, CG4N-1,  
CG6,  
CG7,  
CG8, CG8B,  
CG9, CG9B.

The controllers are rated as follows:



Type	Amps* at 300 Vac	Amps** at 600 Vac	Pilot Duty	HP-ratings at... Vac											
				Single phase, 2-pole						3 phase, 3 or 4-pole					
				110 120	220 240	277	415	440 480	550 600	110 120	220 240	227	415	440 480	550 600
CG4	-	-	A300	0.33	0.75	0.75	-	-	-	0.75	1	-	-	-	-
CG4-1	-	-	A300	0.33	0.75	0.75	-	-	-	0.75	1	-	-	-	-
CG4N	-	-	A300	0.33	0.75	0.75	-	-	-	0.75	1	-	-	-	-
CG4N-1	-	-	A300	0.33	0.75	0.75	-	-	-	0.75	1	-	-	-	-
CG6	10	-	A300	0.5	1	2	-	-	-	1.5	3	-	-	-	-
CG7	-	16	A600	0.5	1	2	2	2	2	1.5	3	-	5	5	5
CG8	10	-	A300	0.5	1	2	-	-	-	1.5	3	-	-	-	-
CG8B	10	-	A300	0.5	1	2	-	-	-	1.5	3	-	-	-	-
CG9	-	16	A600	0.5	1	2	2	2	2	1.5	3	-	5	5	5
CG9B	-	16	A600	0.5	1	2	2	2	2	1.5	3	-	5	5	5

\* Amp rating at 277 V is 1 phase 1 pole, 3 phase 3 or 4 pole

\*\* Amp rating at 600 V is 1 phase 2 pole, 3 phase 3 or 4 pole

#### Notes

1. The type designations are combined with numbers and letters indicating the switching combination, type of mounting, operating mechanism and auxiliary devices provided.
2. The controllers are for back-of-panel mounting or for base plate mounting. The operating mechanism may be provided with special purpose equipment as required for key operating, locking etc.
3. Short Circuit Withstand + 5000 A symmetrical at max rated voltage, when protected by Class RK1 fuses.
4. Types CG6, CG8 and CG8B are additionally rated 16 A 150 Vac 1 phase 1 pole.
5. Types CG4, CG4-1, CG4N and CG4N-1 are additionally rated 10 A 300 Vac 1 phase 2 pole, 3 phase 3 pole; 10 A 120 Vac 1 phase 1 pole.
6. The controllers are Certified for use in equipment where the suitability of the combination is to be determined by the Canadian Standard Association.

#### **APPLICABLE REQUIREMENTS**

CSA Standard C22.2 No.14-18

- Industrial Control Equipment



## *Supplement to Certificate of Compliance*

**Certificate:** 1358398

**Master Contract:** 165900

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

### **Product Certification History**

---

<b>Project</b>	<b>Date</b>	<b>Description</b>
80000742	2019-07-31	Update to Report 1358398 to cover change of manufacturer and type designation for Frianyl; addition of "Badamid" Type UL A703 GF20 FR HF, manufactured by Bada AG (E189230) and update material from Nylon to Polyamide;
70002244	2013-11-12	Update to Report 1358398 to cover an alternate construction of a racket and minor descriptive changes. According C22.2 No. 14-13.
2089594	2008-10-01	Update to Report 1358398 to cover alternate plastics
1358398	2003-01-17	Original Certification