



Certificate of Compliance

Certificate: 1358396 **Master Contract:** 165900
Project: 80168323 **Date Issued:** 06/07/2023
Issued to: **Kraus & Naimer Produktion GmbH**
Schumanngasse 39
Wien, Vienna 1180
Austria
Attention: Dipl. Ing. Helmut Bosina

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



Issued by: *Majid Ali*
Majid Ali

PRODUCTS

C321105 INDUSTRIAL CONTROL EQUIPMENT - Motor Controllers - Manual

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

Series A and C, Type:

A11	A11C	
C26,	C26C	
C26-6	C26C-6	C32S
C32,	C32C,	C32S-6
C32-6,	C32C-6,	
C42,	C42S	
C42-6	C42S-6	
C43		
C43-6		
C80		
C125		
C315		
C316		
C317		
C318		



Certificate: 1358396

Master Contract: 165900

Project: 80168323

Date Issued: 06/07/2023

Type C318 is suitable for use as motor disconnection means.

Type	Amps* at 277 Vac	Amps** at 600 Vac	Pilot Duty	HP-ratings at... Vac												
				Single phase, 2-pole						3 phase, 3 or 4-pole						
				110	220	277	415	440	550	110	220	277	415	440	550	
120	240			480	600	120	240			480	600					
A11	-	-	A600	0.5	1	1	1	1	1	1	1	1	-	1	1	1
A11C	-	-	A600	0,5	1	1	1	1	1	1	1	1	-	1	1	1
C26	40	40	A600	2	5	5	7.5	10	15	5	10	-	15	20	25	
C26C	40	40	A600	2	5	5	7.5	10	15	5	10	-	15	20	25	
C26-6	40	40	A600	2	5	5	7.5	10	15	5	10	-	15	20	25	
C26C-6	40	40	A600	2	5	5	7.5	10	15	5	10	-	15	20	25	
C32	50	50	A600	3	7.5	7.5	10	15	20	7.5	15	-	20	25	30	
C32C	50	50	A600	3	7.5	7.5	10	15	20	7.5	15	-	20	25	30	
C32S	50	50	A600	3	7.5	7.5	10	15	20	7.5	15	-	20	25	30	
C32-6	50	50	A600	3	7.5	7.5	10	15	20	7.5	15	-	20	25	30	
C32C-6	50	50	A600	3	7.5	7.5	10	15	20	7.5	15	-	20	25	30	
C32S-6	50	50	A600	3	7.5	7.5	10	15	20	7.5	15	-	20	25	30	
C42, C43	65	65	A600	3	7.5	7.5	10	15	20	7.5	15	-	20	25	30	
C42S	65	65	A600	3	7.5	7.5	10	15	20	7.5	15	-	20	25	30	
C42-6, C43-6	65	65	A600	3	7.5	7.5	10	15	20	7.5	15	-	20	25	30	
C42S-6	65	65	A600	3	7.5	7.5	10	15	20	7.5	15	-	20	25	30	
C80	-	100	-	5	10	10	-	20	25	10	20	-	30	30	40	
C125	-	150	-	7.5	15	15	25	25	30	15	25	-	40	40	50	
C315	-	-	-	15	40	-	-	50	50	30	75	-	-	75	60	
C316	-	-	-	15	40	-	-	50	50	30	75	-	-	75	60	
C317	-	-	-	15	40	-	-	50	50	30	75	-	-	75	60	
C318	-	-	-	15	40	-	-	40	50	30	75	-	-	75	60	

The controllers are rated as follows:

- * Amp rating at 277 V is 2 phase 1-pole, 3phase 3 or 4-pole.
- ** Amp rating at 600 V is 2 phases 2-pole, 3 phases 3 or 4-pole.

Short Circuit Withstand: 5000 A sym. 600 V ac max when protected by Class RK1 fuses.

Type C32S and C32S-6 are additionally rated 50 A 60 V dc, same polarity between poles; 50 A 240 V dc max (4- poles in series).

Type C42S and C42S-6 are additionally rated 65 A 60 V dc, same polarity between poles; 65 A 240 V dc max (4-poles in series).

Type C315, C316, C317, C318 are additionally rated 240 A ac 277 V ac 1 phase 1-pole, 3 phase 3 or 4-poles; 240 A 600 V ac 1 phase 2-pole, 3 phase 3 or 4-poles.

Type A11 is additionally rated 10 A 277V ac 1 phase 1-pole; 10A 600V ac 1 phase 2-poles, 3 phase 3-poles



Certificate: 1358396

Master Contract: 165900

Project: 80168323

Date Issued: 06/07/2023

Notes:

1. The type designations are completed 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. The controllers may be factory assembled with auxiliary contact units as follows:
 Auxiliary contact blocks with internal type designation S1E M510 HA, S1E M510 HB and S1E M510 HD for optional use together with controllers type C26, C26C, C26-6, C26C-6, C32, C32C, C32S, C32-6, C32C-6, C32S-6, C42, C42S, C43, C42-6, C42S-6 and C43-6.

Auxiliary contact blocks with internal type designation K3B M510 HA, K3B M510 HB, K3B M510 HC and K3B M510 HD for optional use together with controllers type C80, C125, C315, C136, C317 and C318.

Ratings:

Type S1E M510 HA and S1E M510 HB - General purpose 120 V ac max, 10 A, 1ph – 1 pole;
 Heavy Pilot Duty 600 V ac max (A600).

Type S1E M510 HD - See tabulation below:

Max Voltage		General Purpose Ampere Ratings at Operational Voltages							
		1	6	12	24	48	110	240	300
300 Vac	Amps ac	6	6	6	5	5	3	2	1.3
300 Vdc	Amps dc	4	4	3	2.2	1.2	0.6	0.3	0.2

Type K3B M510 HA and K3B M510 HB - General purpose 600 V ac max, 10 A, 2ph – 1 pole;
 Heavy Pilot Duty 600 V ac max (A600).

Type K3B M510 HC and K3B M510 HD - See tabulation below:

Internal Type	Max Voltage	Ampere Rating	General Purpose Ampere Ratings at Operational Voltages							
			1	6	12	24	48	110	220	300
K3B M510 HC	300 V ac	Amps ac	-	6	6	5	5	3	2	1.3
	300 V dc	Amps dc	-	4	3	2.2	1.2	0.6	0.3	0.2
K3B M510 HD	300 V ac	Amps ac	6	6	6	5	5	3	2	1.3
	300 V dc	Amps dc	4	4	3	2.2	1.2	0.6	0.3	0.2

4. The controllers are Certified for use in equipment where the suitability of the combination is to be determined by the Canadian Standard Association.



Certificate: 1358396

Project: 80168323

Master Contract: 165900

Date Issued: 06/07/2023

APPLICABLE REQUIREMENTS

CSA C22.2 NO. 14-18 - Industrial control equipment



Certificate: 1358396

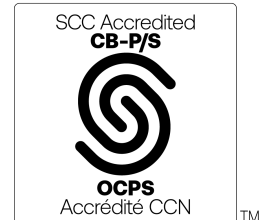
Project: 80168323

Master Contract: 165900

Date Issued: 06/07/2023

Notes:

Products certified under Class C321105 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca





Supplement to Certificate of Compliance

Certificate: 1358396

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

Project	Date	Description
80168323	June 07, 2023	Update to Report 1358396 to accomplish the following: - Add new manual motor controllers, C26-6, C26C-6 and C42-6, C42S-6, C43-6; similar to C32-6; already done at UL, UL report available; - Include alternate plastics for contact housing and contact housing cover in Part M: Durethan Type BKV20FN01+, manufactured by Lanxess AG (E245249) and Technyl Star Type S60X1 V30, manufactured by DOMO PolyTechnyl (E44716); - Change material of Assembly Latching strips from Polyamide to Polymeric (compare report 1358386).
80028425	February 26, 2020	Update to Report 1358396 to add alternative construction to PART J for contact unit size 32. Only terminal plate and screw are changed. These alternative constructions will be identified under new manual motor controller models C32-6, C32S-6 and C32C-6. According to the requirements of CSA C22.2 No. 14-18.
70216507	July 31, 2019	Update to Report 1358396 to cover addition of alternate material (Nylon, Polyamide) and to add alternate constructions.
70128501	August 30, 2017	Update to Report 1358396 to include alternate plastics for contact housing and contact housing cover in Part M.
70002242	September 13, 2013	Update to Report 1358396 to cover changes to the auxiliary switches types K3BM510HB and S1E M510 HD according C22.2 No. 14-13.
2278807	February 25, 2010	Update to Report 1358396 to correct a wrong dimension (Part I) and add shaft extension to description (Part B and C) according C22.2 No. 14-05.
2090317	October 01, 2008	Update to Report 1358396 to cover alternate plastics.
1358396	January 17, 2003	Original Certification