



# Certificate of Compliance

**Certificate:** 70186581 **Master Contract:** 265766 (265766)

**Project:** 70186581 **Date Issued:** 2018-11-22

**Issued to:** Zhejiang CHINT Electrics Co Ltd  
 No.1, CHINT Road,  
 CHINT Industrial Zone,  
 North Baixiang, Yueqing, Zhejiang 325603  
 CHINA

*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:** Yi (Mark) Xin  
 Yi (Mark) Xin

**PRODUCTS**

CLASS - C321124 - INDUSTRIAL CONTROL EQUIPMENT-Motor Controllers-Magnetic-  
 CLASS - C321164 - INDUSTRIAL CONTROL EQUIPMENT-Motor Controllers-Magnetic-Cert to US Stds-

Definite Purpose AC Contactors, open type, 2 Pole or 1 Pole, Models NCK5, followed by 20, 25, 30, 32 or 40, followed by /2N or /1N, followed by T or F, followed by L or S.

Electrical Ratings:

Model	Definite purpose Rating							HP ratings (single phase)	
	FLA			RES	LRA			120 V	240 V
	240/277 V	480 V	600 V		240/277 V	480 V	600 V		
NCK5-20/1N-25/1N	25	25	25	35	150	125	100	1	2
NCK5-20/2N-25/2N								2	3
NCK5-30/1N-32/1N	32	32	32	40	200	150	120	1	2



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NCK5-30/2N-32/2N								2	3
NCK5-40/1N NCK5-40/2N	40	40	40	50	240	200	160	2	3

Notes:

1. Short Circuit Rating – 5,000 A rms, 600 V ac.
2. Electrical cycles table:

Device load type		Electrical cycles	Additional Mechanical cycles
Definite purpose	Motor (LRA/FLA)	30,000	-
	Resistive	250,000	-
Motor	Motor (hp)	1,000	5,000

3. For use only in complete products where the acceptability of the combination is determined by CSA Group
4. These devices should be used within their ratings as specified above.
5. The contactor terminals are not suitable for field wiring. The contactor terminals are to be factory wired only and the suitability of the connection (including spacings between factory connectors) shall be determined for end use application.
6. Spacing from the exposed live metal parts to the enclosure walls shall be in accordance with the requirements of the overall equipment.

**APPLICABLE REQUIREMENTS**

- CAN/CSA-C22.2 No. 60947-4-1-14 - Low-voltage switchgear and controlgear - Part 4-1: Contactors and motor-starters - Electromechanical contactors and motor-starters  
*used in conjunction with*
- CAN/CSA-C22.2 No. 60947-1-13 - Low-voltage switchgear and controlgear - Part 1: General rules
- UL 60947-4-1 (3<sup>rd</sup> Edition) - Low-voltage switchgear and controlgear - Part 4-1: Contactors and motor-starters - Electromechanical contactors and motor-starters  
*used in conjunction with*
- UL 60947-1 (5<sup>th</sup> Edition) - Low-voltage switchgear and controlgear - Part 1: General rules



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*Supplement to Certificate of Compliance*

**Certificate:** 70186581

**Master Contract:** 265766 (265766)

*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>
70186581	2018-11-22	Definite Purpose AC Contactors, open type, 1 Pole or 2 Pole, Models NCK5-20/1N- 25/1N, NCK5- 20/2N-25/2N, NCK5-30/1N- 32/1N, NCK5- 30/2N-32/2N, NCK5-30/1N- 32/1N, NCK5- 30/2N-32/2N. UL Data part to accept, need to increase the test.



# Certificate of Compliance

**Certificate:** 70154015 **Master Contract:** 265766 (265766)

**Project:** 70210455 **Date Issued:** 2019-01-04

**Issued to:** Zhejiang CHINT Electrics Co Ltd  
 No.1, CHINT Road,  
 CHINT Industrial Zone,  
 North Baixiang, Yueqing, 浙江 325603  
 China  
 Attention: Huimin Tian

*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:** Huiyang (Hannah) Deng  
 Huiyang (Hannah) Deng

## PRODUCTS

CLASS - C321124 - INDUSTRIAL CONTROL EQUIPMENT-Motor Controllers-Magnetic-  
 CLASS - C321164 - INDUSTRIAL CONTROL EQUIPMENT-Motor Controllers-Magnetic-Cert to US Stds-

Definite Purpose AC Contactors, open type, 3 Pole or 4 Pole, Models NCK5-20~32/3L, NCK5-20~32/3S, NCK5-20~32/4L, NCK5-20~32/4S, NCK5-40/3L, NCK5-40/4L, NCK5-40/3S, NCK5-40/4S.

### Electrical Ratings:

Model	Definite purpose Rating(Three phase)							HP ratings		
	FLA			RES	LRA			Voltage	Single phase	Three phase
	240/ 277 V	480 V	600 V		240/ 277 V	480 V	600 V			
NCK5-20/3(4)L(S)	25	25	25	35	150	125	100	120	2	/
								240/277	5	10
								480	/	15
								600	/	20



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**Project:** 70210455

**Date Issued:** 2019-01-04

NCK5-25/3(4)L(S)	25	25	25	35	150	125	100	120	2	/
								240/277	5	10
								480	/	15
								600	/	20
NCK5-30/3(4)L(S)	32	32	32	40	200	150	120	120	2	/
								240/277	5	10
								480	/	15
								600	/	20
NCK5-32/3(4)L(S)	32	32	32	40	200	150	120	120	2	/
								240/277	5	10
								480	/	15
								600	/	20
NCK5-40/3(4)L(S)	40	40	40	50	240	200	160	120	3	/
								240/277	7.5	10
								480	/	20
								600	/	25

Notes:

1. Short Circuit Rating - 5000 A rms, 600 V ac.
2. Electrical cycles table:

Device load type		Electrical cycles	Additional Mechanical cycles
Definite purpose	Motor (LRA/FLA)	30K	-
	Resistive	250K	-
Motor	Motor (hp)	1000	5000

3. Auxiliary Contact: NCF8-11C rated B600, Q600.  
Auxiliary Contact: AX-10, rated 15A/250 Vac, B300, Q300.
4. For use only in complete products where the acceptability of the combination is determined by CSA Group
5. These devices should be used within their ratings as specified above.
6. Open type devices should be mounted in enclosures having adequate strength and thickness and in the intended manner and with acceptable spacings being provided.
7. The terminals are not suitable for field wiring. They are to be factory wired only and the suitability of the connection (including spacings between factory connectors) shall be determined.
8. Spacing from the exposed live metal parts to the enclosure walls shall be in accordance with the requirements of the overall equipment.



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**APPLICABLE REQUIREMENTS**

- CAN/CSA-C22.2 No. 60947-4-1-14 - Low-voltage switchgear and controlgear - Part 4-1: Contactors and motor-starters - Electromechanical contactors and motor-starters  
*used in conjunction with*
- CAN/CSA-C22.2 No. 60947-1-13 - Low-voltage switchgear and controlgear - Part 1: General rules
- UL 60947-4-1(3<sup>rd</sup> Edition) - Low-voltage switchgear and controlgear - Part 4-1: Contactors and motor-starters - Electromechanical contactors and motor-starters  
*used in conjunction with*
- UL 60947-1 (5<sup>th</sup> Edition) - Low-voltage switchgear and controlgear - Part 1: General rules



## *Supplement to Certificate of Compliance*

**Certificate:** 70154015

**Master Contract:** 265766 (265766)

*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>
70210455	2019-01-04	Update Report 70210455 to cover the correction of Class Number and Applicable Standard.
70154015	2017-09-12	AC Contactor, NCK5 series, UL Data part to accept, need to increase the test