

No. N8 13 10 73900 024

Holder of Certificate: Zhejiang Chint Electrics Co., Ltd.

No.1, Chint Road, Chint Industrial Zone

North Baixiang

325603 Yueqing, Zhejiang Province PEOPLE'S REPUBLIC OF CHINA

Product: Motor controller

Soft starter and Soft starter cabinet

Model(s): Soft starter:

NJR2-7.5D, NJR2-11D, NJR2-15D, NJR2-18.5D, NJR2-22D, NJR2-30D, NJR2-37D, NJR2-45D, NJR2-55D, NJR2-75D, NJR2-90D, NJR2-110D, NJR2-132D, NJR2-150D, NJR2-160D, NJR2-185D, NJR2-200D, NJR2-220D, NJR2-250D, NJR2-280D, NJR2-315D, NJR2-7.5T, NJR2-11T, NJR2-15T, NJR2-18.5T, NJR2-22T, NJR2-30T, NJR2-37T, NJR2-45T, NJR2-55T, NJR2-75T, NJR2-90T, NJR2-40T, NJR2-40T,

NJR2-110T, NJR2-132T, NJR2-160T

Soft starter cabinet:

NJR2-7.5G, NJR2-11G, NJR2-15G, NJR2-18.5G, NJR2-22G, NJR2-30G, NJR2-37G, NJR2-45G, NJR2-55G, NJR2-75G, NJR2-90G, NJR2-110G, NJR2-132G, NJR2-150G, NJR2-160G, NJR2-185G, NJR2-200G, NJR2-220G, NJR2-250G, NJR2-280G,

NJR2-315G

Parameters: Rated voltage: AC220V(NJR2-7, 5T~ NJR2-160T),

AC380V(NJR2-7, 5D~NJR2-315D,

NJR2-7, 5G~ NJR2-315G)

Rated frequency:

50/60Hz See attached

Rated current:

11

Protection class:

11

Degree of protection: IP 20,

IP 00 (NJR2-30T~ NJR2-160T)

Product information:

EN 60947-4-2:2012

See attached

## Tested according to:

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2006/95/EC relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive. It refers only to the particular sample submitted for testing and certification. See also notes overleaf.

Test report no.:

704100995401-02

Yi Zhu)

**Date**, 2013-10-11

CE

After preparation of the necessary technical documentation as well as the EC conformity declaration the required CE marking can be affixed on the product. Other relevant directives have to be observed.

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# Attestation of Conformity No. N8 13 10 73900 024

Attached	excel:	Soft	starters

Product	le(A)	Ith(A)	Power (kW)	Ue(V)	Uc/Us(V)	IP	Others			
NJR2-7.5D	15	15	7.5							
NJR2-11D	22	22	11							
NJR2-15D	29	29	15							
NJR2-18.5D	36	36	18.5							
NJR2-22D	42	42	22							
NJR2-30D	57	57	30							
NJR2-37D	70	70	37							
NJR2-45D	84	84	45							
NJR2-55D	103	103	55							
NJR2-75D	140	140	75							
NJR2-90D	167	167	90	380	380					
NJR2-110D	207	207	110							
NJR2-132D	248	248	132			IDOS				
NJR2-150D	280	280	150			IP20	3-pole,			
NJR2-160D	300	300	160							
NJR2-185D	349	349	185							
NJR2-200D	375	375	200				U <sub>i</sub> =660V, Utilization			
NJR2-220D	404	404	220				category:AC-53b, 50/60Hz			
NJR2-250D	459	459	250							
NJR2-280D	514	514	280							
NJR2-315D	579	579	315							
NJR2-7.5T	30	30	7.5							
NJR2-11T	44	44	11							
NJR2-15T	60	60	15							
NJR2-18.5T	74	74	18.5							
NJR2-22T	88	88	22							
NJR2-30T	110	120	30		000					
NJR2-37T	148	148	37	220	220   IP00					
NJR2-45T	180	180	45							
NJR2-55T	220	220	55			IP00				
NJR2-75T	300	300	75							
NJR2-90T	360	360	90							
NJR2-110T	440	440	110							

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### **Attestation of Conformity** No. N8 13 10 73900 024

NJR2-132T	500	528	132
NJR2-160T	630	640	160

### Attached excel(Continue): Soft starter cabinets

Product	le(A)	Ith(A)	Power (kW)	Ue(V)	Uc/Us(V)	IP	Others	
NJR2-7.5G	15	15	7.5					
NJR2-11G	22	22	11					
NJR2-15G	29	29	15					
NJR2-18.5G	36	36	18.5					
NJR2-22G	42	42	22					
NJR2-30G	57	57	30					
NJR2-37G	70	70	37					
NJR2-45G	84	84	45					
NJR2-55G	103	103	55				2 polo	
NJR2-75G	140	140	75				3-pole, U <sub>i</sub> =660V,	
NJR2-90G	167	167	90	380	380	IP20	Utilization category:AC-	
NJR2-110G	207	207	110				53b,	
NJR2-132G	248	248	132				50/60Hz	
NJR2-150G	280	280	150					
NJR2-160G	300	300	160					
NJR2-185G	349	349	185					
NJR2-200G	375	375	200					
NJR2-220G	404	404	220					
NJR2-250G	459	459	250					
NJR2-280G	514	514	280					
NJR2-315G	579	579	315					





No. N8A 073900 0042 Rev. 00

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Product: Motor controller

Soft starter and Soft starter cabinet

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**Test report no.:** 704100995401-03

**Date**, 2022-01-25

( Jie Zhu )









No. N8A 073900 0042 Rev. 00

Model(s): Soft starter:

NJR2-7.5D, NJR2-11D, NJR2-15D, NJR2-18.5D, NJR2-22D, NJR2-30D, NJR2-37D, NJR2-45D, NJR2-55D, NJR2-75D, NJR2-90D, NJR2-110D, NJR2-132D, NJR2-150D, NJR2-160D, NJR2-185D, NJR2-200D, NJR2-220D, NJR2-250D, NJR2-280D, NJR2-315D, NJR2-7.5T, NJR2-11T, NJR2-15T,

NJR2-18.5T, NJR2-22T, NJR2-30T, NJR2-37T, NJR2-45T, NJR2-55T, NJR2-75T, NJR2-90T, NJR2-110T, NJR2-132T,

NJR2-160T,

TR120-7.5D, TR120-11D, TR120-15D, TR120-18.5D, TR120-22D, TR120-30D, TR120-37D, TR120-45D, TR120-55D, TR120-75D, TR120-90D, TR120-110D, TR120-132D, TR120-150D, TR120-160D, TR120-185D, TR120-200D, TR120-220D, TR120-250D, TR120-280D,

TR120-315D

Soft starter cabinet:

NJR2-7.5G, NJR2-11G, NJR2-15G, NJR2-18.5G, NJR2-22G, NJR2-30G, NJR2-37G, NJR2-45G, NJR2-55G, NJR2-75G, NJR2-90G, NJR2-110G, NJR2-132G, NJR2-150G, NJR2-160G, NJR2-185G, NJR2-200G, NJR2-220G, NJR2-250G, NJR2-280G, NJR2-315G

### **Parameters:**

Rated insulation voltage Ui: 660V Rated impulse withstand voltage Uimp: 4kV

Rated operational voltage Ue:
Rated operational current le:
Conventional free air thermal current Ith:
Details see table 1
Rated control circuit voltage Uc:
Details see table 1
Rated control supply voltage Us:
Details see table 1
Rated conditional short-circuit current Iq:
Details see table 1

Utilization category: AC-53b Protection class II

Degree of protection IP: Details see table 1

Poles No.: 3P Rated frequency: 50/60Hz

# Tested according to:

EN 60947-4-2:2012

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#### Table 1:

Model	le ( A)	Ith ( A)	Power ( kW )	Iq (kA)	Ue (V)	Uc/Us (V)	IP
NJR2-7.5D	15	15	7.5	3			
NJR2-11D	22	22	11	3			
NJR2-15D	29	29	15	3			
NJR2-18.5D	36	36	18.5	3			
NJR2-22D	42	42	22	3			
NJR2-30D	57	57	30	3			
NJR2-37D	70	70	37	3			
NJR2-45D	84	84	45	3			
NJR2-55D	103	103	55	5			
NJR2-75D	140	140	75	5			
NJR2-90D	167	167	90	5	380	380	IP20
NJR2-110D	207	207	110	5			
NJR2-132D	248	248	132	5			
NJR2-150D	280	280	150	5			
NJR2-160D	300	300	160	5			
NJR2-185D	349	349	185	5			
NJR2-200D	375	375	200	10			
NJR2-220D	404	404	220	10			
NJR2-250D	459	459	250	10			
NJR2-280D	514	514	280	10			
NJR2-315D	579	579	315	10			
NJR2-7.5T	30	30	7.5	10			
NJR2-11T	44	44	11	10			
NJR2-15T	60	60	15	10			
NJR2-18.5T	74	74	18.5	10			
NJR2-22T	88	88	22	10			
NJR2-30T	110	120	30	10			
NJR2-37T	148	148	37	10	220	220	IDOO
NJR2-45T	180	180	45	10		220	IP00
NJR2-55T	220	220	55	10			
NJR2-75T	300	300	75	10			
NJR2-90T	360	360	90	10			
NJR2-110T	440	440	110	10			
NJR2-132T	500	528	132	10			
NJR2-160T	630	640	160	10	-		

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TR120-7.5D	15	15	7.5	3			
TR120-11D	22	22	11	3			
TR120-15D	29	29	15	3			
TR120-18.5D	36	36	18.5	3			
TR120-22D	42	42	22	3	-		
TR120-30D	57	57	30	3	-		
TR120-37D	70	70	37	3	-		
TR120-45D	84	84	45	3	-		
TR120-55D	103	103	55	5	-		
TR120-75D	140	140	75	5			
TR120-90D	167	167	90	5			
TR120-110D	207	207	110	5			
TR120-132D	248	248	132	5			
TR120-150D	280	280	150	5			
TR120-160D	300	300	160	5			
TR120-185D	349	349	185	5			
TR120-200D	375	375	200	10			
TR120-220D	404	404	220	10			
TR120-250D	459	459	250	10	200	200	IDOO
TR120-280D	514	514	280	10	380	380	IP20
TR120-315D	579	579	315	10			
NJR2-7.5G	15	15	7.5	3			
NJR2-11G	22	22	11	3			
NJR2-15G	29	29	15	3			
NJR2-18.5G	36	36	18.5	3			
NJR2-22G	42	42	22	3			
NJR2-30G	57	57	30	3			
NJR2-37G	70	70	37	3			
NJR2-45G	84	84	45	3			
NJR2-55G	103	103	55	5			
NJR2-75G	140	140	75	5			
NJR2-90G	167	167	90	5			
NJR2-110G	207	207	110	5			
NJR2-132G	248	248	132	5			
NJR2-150G	280	280	150	5			
NJR2-160G	300	300	160	5			
NJR2-185G	349	349	185	5			
NJR2-200G	375	375	200	10			

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NJR2-220G	404	404	220	10			
NJR2-250G	459	459	250	10	200	380 380	IP20
NJR2-280G	514	514	280	10	300	300	IP20
NJR2-315G	579	579	315	10			







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Soft starter and Soft starter cabinet

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NJR2-110T, NJR2-132T, NJR2-160T

Soft starter cabinet:

NJR2-7.5G, NJR2-11G, NJR2-15G, NJR2-18.5G, NJR2-22G, NJR2-30G, NJR2-37G, NJR2-45G, NJR2-55G, NJR2-75G, NJR2-90G, NJR2-110G, NJR2-132G, NJR2-150G, NJR2-160G, NJR2-185G, NJR2-200G, NJR2-220G, NJR2-250G, NJR2-280G,

NJR2-315G

Parameters: Rated voltage: AC220V(NJR2-7, 5T~ NJR2-160T),

AC380V(NJR2-7, 5D~NJR2-315D,

NJR2-7, 5G~ NJR2-315G)

Rated frequency:

50/60Hz See attached

Rated current:

11

Protection class:

11

Degree of protection: IP 20,

IP 00 (NJR2-30T~ NJR2-160T)

Product information:

EN 60947-4-2:2012

See attached

## Tested according to:

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Test report no.:

704100995401-02

Yi Zhu)

**Date**, 2013-10-11

CE

After preparation of the necessary technical documentation as well as the EC conformity declaration the required CE marking can be affixed on the product. Other relevant directives have to be observed.

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Attached	excel:	Soft	starters

Product	le(A)	Ith(A)	Power (kW)	Ue(V)	Uc/Us(V)	IP	Others			
NJR2-7.5D	15	15	7.5							
NJR2-11D	22	22	11							
NJR2-15D	29	29	15							
NJR2-18.5D	36	36	18.5							
NJR2-22D	42	42	22							
NJR2-30D	57	57	30							
NJR2-37D	70	70	37							
NJR2-45D	84	84	45							
NJR2-55D	103	103	55							
NJR2-75D	140	140	75							
NJR2-90D	167	167	90	380	380					
NJR2-110D	207	207	110							
NJR2-132D	248	248	132			IDOS				
NJR2-150D	280	280	150			IP20	3-pole,			
NJR2-160D	300	300	160							
NJR2-185D	349	349	185							
NJR2-200D	375	375	200				U <sub>i</sub> =660V, Utilization			
NJR2-220D	404	404	220				category:AC-53b, 50/60Hz			
NJR2-250D	459	459	250							
NJR2-280D	514	514	280							
NJR2-315D	579	579	315							
NJR2-7.5T	30	30	7.5							
NJR2-11T	44	44	11							
NJR2-15T	60	60	15							
NJR2-18.5T	74	74	18.5							
NJR2-22T	88	88	22							
NJR2-30T	110	120	30		000					
NJR2-37T	148	148	37	220	220   IP00					
NJR2-45T	180	180	45							
NJR2-55T	220	220	55			IP00				
NJR2-75T	300	300	75							
NJR2-90T	360	360	90							
NJR2-110T	440	440	110							

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### **Attestation of Conformity** No. N8 13 10 73900 024

NJR2-132T	500	528	132
NJR2-160T	630	640	160

### Attached excel(Continue): Soft starter cabinets

Product	le(A)	Ith(A)	Power (kW)	Ue(V)	Uc/Us(V)	IP	Others	
NJR2-7.5G	15	15	7.5					
NJR2-11G	22	22	11					
NJR2-15G	29	29	15					
NJR2-18.5G	36	36	18.5					
NJR2-22G	42	42	22					
NJR2-30G	57	57	30					
NJR2-37G	70	70	37					
NJR2-45G	84	84	45					
NJR2-55G	103	103	55				2 polo	
NJR2-75G	140	140	75				3-pole, U <sub>i</sub> =660V,	
NJR2-90G	167	167	90	380	380	IP20	Utilization category:AC-	
NJR2-110G	207	207	110				53b,	
NJR2-132G	248	248	132				50/60Hz	
NJR2-150G	280	280	150					
NJR2-160G	300	300	160					
NJR2-185G	349	349	185					
NJR2-200G	375	375	200					
NJR2-220G	404	404	220					
NJR2-250G	459	459	250					
NJR2-280G	514	514	280					
NJR2-315G	579	579	315					





#### www.npower.com.vn

Tài liệu được tổng hợp bởi đội ngũ kỹ thuật của **NPOWER** Bản quyền nội dung thuộc về công ty **Chint Global** Powered by **NAVITECH |** www.navitech.co





