

CERTIFICATE

of Conformity

Low Voltage Directive (EU) 2014/35

Registration No.: AN 50700476 0001
Report No.: CN2565HN 001
Holder: Zhejiang Hecheng Smart Electric Co.,Ltd.
No.1125 Zhixing Rd,Qiaonan Dist,
Xiaoshan Eco. and Tech Devpt Zone
Hangzhou,
Zhejiang
P.R. China
Product: Relay
High-capacity relay

Type designation and serial number are listed on the next page(s)

This certificate of conformity is based on an evaluation of a sample of the above-mentioned product. Technical Report and documentation are at the License Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive (EU) 2014/35, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.

Date: 2025-11-04

Certification Body


Kenny Shi



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

The CE marking may be used if all relevant and effective EC Directives/Regulations are complied with.

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Low Voltage Directive (EU) 2014/35

Registration No.: AN 50700476 0001

Product: Relay
High-capacity relay

Identification: Type Designation
HCFabc-dHe5fg-q (a,b,c,d,e,f,g,q are variable)
(HECHENG)/ (HIITIO)
a: stands for contact current:
700,800,900,1000,1200,1250
b: stands for outer shape:
A:cylinder case, double coil with actuator PCB
B:rectanglar case, double coil with actuator PCB
C:cylinder case, single coil
D:rectanglar case, single coil
c: stands for contact
Voltage:450:DC450V;800:DC800V;1000:DC1000V;1500:DC1500V
d: stands for coil voltage: 12 : DC12V;24 : DC24V;48 :
DC48V
H: stands for 1NO main contact
e: stands for coil termination: L : leads; C : connector;
E : leads &connector
5: stands for main contact: bus bar connection
f: stands for auxiliary contact: Blank : without auxiliary
contact; H : 1NO; C : 1NC; Z : 1 Change-over
q: stands for "Customer assigned code", may be blank,
any letters and/or numbers, do not affect construction

General ratings :
Main Contact :
Utilization Category: DC-1
Ue,Ie : DC1500V;300A
Ith:1255A;
Conditional Short-circuit Current: Ir=Iq=20kA
Ui:2500V; Uimp:12kV;

Auxiliary Contact :
Utilization Category: DC-12
Ue,Ie : DC30V;2A;
Ith:2A; Conditional Short-circuit Current: Ir=Iq=1kA



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Identification:

Type Designation

Ui:500V; Uimp:0,5kV;

Us:DC12V,DC24V or DC48V; Ui:500V; Uimp:0,5kV;

Ambient Temperature: -5°C to +40°C; Pollution Degree: 3

Remark: Refer to test report CN2565HN 001 for details.

Serial No.:

Engineering sample



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