



Product Service

CERTIFICATE

No. B 108738 0008 Rev. 00

Holder of Certificate: Suzhou AnLaiQiang Electronic Technology Co.,LTD

North of the 4th floor of plant 4 #, No. 599, Taishan Road
Suzhou New District
215000 Suzhou City
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: Contactors
(DC Contactor)

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 64105243011801

Valid until: 2029-07-03

Date, 2024-07-04

(Martin Ma)

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Model(s):

EVDaaaEccQdxxx

aaa denotes rated operational current, aaa can be

100, 150, 200, 250

100: 100A

150: 150A

200: 200A

250: 250A

cc denotes coil voltage, cc can be 12, 24, 48

12: 12VDC

24: 24VDC

48: 48VDC

d denotes installation method

A: vertical bottom installation

S: horizontal side installation

xxx denotes product code and do not affect product

structures, xxx can be none, 000-999, aaa-zzz or AAA-ZZZ

Parameters:

Main circuit:	
Number of poles:	1
Utilization category	DC-1
Rated operational voltage U_e :	100VDC
Rated current I_e :	250A
Conventional free air thermal current I_{th} :	250A
Rated insulation voltage U_i :	400V
Overvoltage category:	III
Rated impulse withstand voltage U_{imp} :	1.5kV
Rated prospective short-circuit current "r":	10kA
Rated conditional short-circuit current I_q :	Same as "r"
Type of co-ordination:	Type "1"
Type of insulation between main circuit and control circuit:	Basic insulation
Control circuit:	
Rated control supply voltage U_s :	12VDC, 24VDC, 48VDC

Remark:

The products meet additional electrical durability tests specified by manufacturer:

Test voltage (VDC)	Test current (A)	On/ off time (s)	Type of load	Number of make and break
200	250	1 / 9	Pure resistive	500
200	120	1 / 9	Pure resistive	5000
150	200	1 / 9	Pure resistive	3000



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Tested according to: EN IEC 60947-1:2021
EN IEC 60947-4-1:2019