

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50616662 0001

Berichtsnummer Report No.:

CN23D4LF 002

Genehmigungsinhaber License Holder:

Tyco Electronics (Shenzhen)
Co., Ltd.
Tyco Electronics Technology
Park, Shiyan Street, Baoan District
Shenzhen
518108 Guangdong
P.R. China

Fertigungsstätte Manufacturing Site:

040-0002126491

Prüfzeichen Test Mark:

Geprüft nach Tested according to:

EN IEC 60947-4-1:2019

EN 60947-5-1:2017

Geräteidentifikation
Product Identification
Produkt: Magnetic Contactor

Product: (DC Contactor)

Modell: Modelle sind auf nächste(r) Seite(n) gelistet

Type: Type designation(s) are listed on the next page(s)

Technische Daten: Rated Control Circuit Voltage: DC 9V to 36V

Technical Data: Ambient Temperature Limit : -40°C ~ 85°C

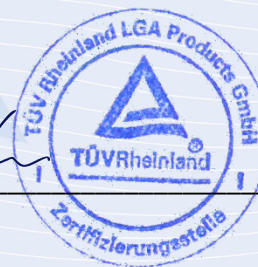
Degree of Protection : IP00

Gültig ab: 2024-01-25

Valid from:
Zertifizierungsstelle:
Certification body:
Ausstellungsdatum: 2024-01-25

Date of issue:

Sarah Chen



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.

This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
<http://www.tuv.com/safety> E-mail: markcheck@tuv.com

Fax: +49 221 806-3935

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Produkt Product: Magnetic Contactor
(DC Contactor)

Modell Type: Bezeichnung Designation:

Type Designation: ECK150BAAAEA,xx ECK150BHAAEA,xx
 ECK200BAAAEA,xx ECK200BHAAEA,xx ECK250BAAAEA,xx
 ECK250BHAAEA,xx ECK300BAAAEA,xx ECK300BHAAEA,xx
 x = 0 - 9, a - z, A - Z or Blank
 Trademark: Tyco(logo)

Number of Poles : 1P
 Utilization Category : 1) DC-1 (Main circuit)
 2) DC-12 (Auxiliary circuit)
 Rated Operational Voltage : 1) DC 450V, 2) DC 30V
 Rated Operational Current : 1) 100A, 2) 2A
 Conventional Free Air Thermal Current :
 1) 150A (For ECK150 series), 200A (For ECK200 series)
 250A (For ECK250 series), 300A(For ECK300 series)
 2) 2A
 Electrical durability : 6,000 cycles (ON/OFF: 1s/9s)
 Pollution Degree : 3
 Overvoltage category : II
 Impluse voltage : 6kV
 Rated Insulation Voltage : DC 1000V
 Rated Impulse Withstand Voltage : 6kV
 Conditional Short-circuit Current: 10kA

Remark :

1) Cl 9.3.3.6 of EN IEC 60947-4-1:2019 was also conducted with the load condition below as client request :

For ECK150 series

DC 450V, 150A, 6000 cycles, T85

DC 1000V, 150A, 1000 cycles, T25

For ECK200 series

DC 450V, 200A, 6000 cycles, T85

DC 1000V, 200A, 1000 cycles, T25

For ECK250 series

DC 450V, 250A, 6000 cycles, T85

DC 1000V, 200A, 1000 cycles, T25

DC 800V, 250A, 1000 cycles, T25

For ECK300 series

DC 450V, 250A, 6000 cycles, T85

DC 1000V, 200A, 1000 cycles, T25

DC 800V, 250A, 1000 cycles, T25

2) The labelling requirements acc. to EU Directive 2001/95 have to be observed for distribution within the EEA.

