

# Certificate of Compliance

**Certificate Number:**

E82292

**Report Reference:**

E82292-20221031

**Issue Date:**

2024-APRIL-23

Issued to:

**TYCO ELECTRONICS (SHENZHEN) CO LTD  
TYCO ELECTRONICS TECHNOLOGY PARK  
SHIYAN ST BAO'AN DISTRICT SHENZHEN  
GUANGDONG 518108 CN**

This certificate confirms that representative samples of:

**Switches, Industrial Control - Component**

**See addendum page for Model/Product**

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC

**See addendum page for standards information.**

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



David Piecuch  
UL Mark Certification Program Owner

# Certificate of Compliance

**Certificate Number:** E82292  
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**Issue Date:** 2024-MAY-07

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

UL 60947-1 & CSA C22.2 NO 60947-1-13 - Low-Voltage Switchgear And Controlgear - Part 1: General Rules.

UL 60947-4-1 & 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

## Industrial Control Switches

ECK150HAAPA,\*\* (a)  
 ECK150AAAPA,\*\* (a)  
 ECK200HAAPA,\*\* (a)  
 ECK200AAAPA,\*\* (a)  
 ECK250HAAPA,\*\* (a)  
 ECK250AAAPA,\*\* (a)  
 ECK150BAAAEA,\*\* (a)  
 ECK150BHAAEA,\*\* (a)  
 ECK200BAAAEA,\*\* (a)  
 ECK200BHAAEA,\*\* (a)  
 ECK250BAAAEA,\*\* (a)  
 ECK250BHAAEA,\*\* (a)  
 ECK300BAAAEA,\*\* (a)  
 ECK300BHAAEA,\*\* (a)

(a) - Where \*\*\* / \*\* maybe blank or additional numbers or letters which don't affect the construction.

Ratings:

Model No.	Coil voltage	Contact rating	Electrical operation cycles	Load type	Max. Surrounding air temperature, °C
ECK150 Series	9-36 V dc	450 V dc, 150 A	6,000	Resistive	85
	9-36 V dc	1000 V dc, 150 A	1,000	Resistive	25
ECK200 Series	9-36 V dc	450 V dc, 200 A	6,000	Resistive	85
	9-36 V dc	1000 V dc, 150 A	1,000	Resistive	25
	9-36 V dc	800 V dc, 200 A	1,000	Resistive	25
	9-36 V dc	450 V dc, 250 A	6,000	Resistive	85

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ECK250 Series	9-36 V dc	1000 V dc, 150 A	1,000	Resistive	25
	9-36 V dc	800 V dc, 250 A	1,000	Resistive	25

Remark: switch frequency 1s on, 9s off.

Model No.	Coil voltage	Contact rating	Electrical operation cycles	Load type	Max. Surrounding air temperature, °C
ECK150B Series	9-36 V dc	450 V dc, 150 A	6,000 (1s on, 9s off)	Resistive	85
	9-36 V dc	1000 V dc, 150 A	1,000 (1s on, 9s off)	Resistive	25
ECK200B Series	9-36 V dc	450 V dc, 200 A	6,000 (1s on, 9s off)	Resistive	85
	9-36 V dc	1000 V dc, 200 A	1,000 (1s on, 59s off)	Resistive	25
ECK250B Series	9-36 V dc	450 V dc, 250 A	6,000 (1s on, 9s off)	Resistive	85
	9-36 V dc	1000 V dc, 200 A	1,000 (1s on, 59s off)	Resistive	25
	9-36 V dc	800 V dc, 250 A	1,000 (1s on, 9s off)	Resistive	25
ECK300B Series	9-36 V dc	450 V dc, 250 A	6,000 (1s on, 9s off)	Resistive	85
	9-36 V dc	1000 V dc, 200 A	1,000 (1s on, 59s off)	Resistive	25
	9-36 V dc	800 V dc, 250 A	1,000 (1s on, 9s off)	Resistive	25

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.



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## Industrial Control Switches

ECK100BH4AAA,\*\* (a)  
 ECK100BH5AAA,\*\* (a)  
 ECK100BA4AAA,\*\* (a)  
 ECK100BA5AAA,\*\* (a)  
 ECK50BH4AAA,\*\* (a)  
 ECK50BH5AAA,\*\* (a)  
 ECK50BA4AAA,\*\* (a)  
 ECK50BA5AAA,\*\* (a)

(a) - Where \*\*\* / \*\* maybe blank or additional numbers or letters which don't affect the construction.

Model No.	Coil voltage	Contact rating	Electrical operation cycles	Load type	Max. Surrounding air temperature, °C
ECK50B Series	12, 24 V dc	450 V dc, 50 A	6,000	Resistive	85
	12, 24 V dc	1000 V dc, 50 A	1,000(@)	Resistive	25
ECK100B Series	12, 24 V dc	450 V dc, 100 A	6,000	Resistive	85
	12, 24 V dc	800 V dc, 100 A	1,000(@)	Resistive	25
	12, 24 V dc	1000 V dc, 50 A	1,000(@)	Resistive	25

(@) – Only Endurance test have been evaluated.

## Industrial Control Switches,

ECP40BAAAAA,YY  
 ECP40BABAAA,YY