

  
**CERTIFICATE**  
**FOR EUROPEAN PRODUCT SAFETY**

Reference No. SE-S-2300824

# Control circuit devices and switching elements - AC contactors

**Type designation:** MKH\*\*\*\*\*

**Certificate holder:** MeK-Tronics LLC  
1320 Tower Road, Schaumburg, IL 60173  
United States of America

**The product complies with the standard(s):** EN IEC 60947-4-1:2019

**Date of expiry:** 20 May, 2027

**EU Directive information:** According to the principle of presumption of conformity, this certificate constitutes support for an EU Declaration of Conformity to the Low Voltage Directive 2014/35/EU.

Additional information in Appendix

**Certification Body:** Intertek Semko AB, Product Certification **Place:** Kista - Stockholm

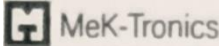
**Signed:**  **Date:** 31 July, 2023

Quan Li

## APPENDIX:

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### Technical Data:

Type designation	MKH*****
Rated voltage (V)	415, 690V~
Frequency (Hz)	50/60Hz
Poles No.	3P
Trademark	
Test Report	230500317SHA-001, -002
Product information	

All types of contactors have the same basic design.

Two frame sizes:

I: MKH\*3X\*05\*\*\*, MKH\*3X\*06\*\*\*

II: MKH\*3X\*07\*\*\*, MKH\*3X\*09\*\*\*

Main circuit:

Type	MKH*3X*05***	MKH*3X*06***	MKH*3X*07***	MKH*3X*09***
	Ue (V)/ Ie (A)	Ue (V)/ Ie (A)	Ue (V)/ Ie (A)	Ue (V)/ Ie (A)
AC-8a	415/50	415/60	415/75	415/90
AC-8b	415/18	415/22	415/27	415/34
AC-1	415/65	415/75	415/90	415/120
AC-3	415/50	415/60	415/75	415/90
	690/32	690/32	690/39	690/47
Ith (A)	65	75	90	120
Ir (A)	5000	5000	5000	5000
Iq (A)	50000	50000	50000	50000

Coil code:

Coil code	Q	T	U	V	D	H	L
Coil voltage (V a.c.)	24	120	240	277	380	480	575
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60	50/60

Explanation for the mode / type:

MKH \* \* \* \* \* \* \* \*

1 2 3 4 5 6 7 8

1: Prefix: MKH - MeK-Tronics Definite Purpose Contactor for HVAC applications

2: Pack Code: - = Normal factory bulk packaging

Y = Individual box packaging

E = Individual box for EXPORT only as specified on drawing ; box of heavy brown corrugated w/ special design label

A to Z = Any assigned non standard packaging of OEM or Distribution

3: Pole Form Code: = 3X : 3 Pole Normally Open

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- 4: Coil Voltage Code: Q = 24 VAC 50/60Hz  
T = 120 VAC 50/60Hz  
U = 240 VAC 50/60Hz  
V = 277 VAC 50/60Hz  
D = 380 VAC 50/60Hz  
H = 480 VAC 50/60Hz  
L = 575 VAC 50/60Hz
- 5: Contact Rating Code: 05: 50 FLA  
06: 60 FLA  
07: 75 FLA  
09: 90 FLA
- 6: Termination Code: AA = Std. #10-32 Combo Screw (one and two pole) Quad 1/4" Q.C.  
BB = Same as AA except optional SEMS plate  
CC = #14 to 4 LUG w/ dual Q.C.  
DD = Std. #10-32 Combo Screw, no QC terminals  
EE = SEMS combo screw w/o QC terminals  
FF = #14 to 4 Lug w/o QC terminals  
GG = #14 to 4 LUG with quad QC terminals  
VV = dual vertical quick connects no screws or lugs  
Three Pole standard termination is designated by:  
CY = Standard #10-32 Combination Screw w/ dual .250" Q.C. terminals  
CG = #14 - 4 Lug w/ dual Q.C.  
CJ = #14 - 2 Lug with dual Q.C. terminals  
XX = Other Combinations as specials & factory assigned designators made from existing termination listing
- 7: 100 - 999 MeK-tronics assigned customer specific designation for a qualified customer special in marking, termination, or other significant variation from the standard construction. When blank, no options apply.
- 8: Optional Code: A - AAAA or 0 - 9999  
Note: Cover is optional on 20-30A devices ("C" required in model number), but cover is required on 40A devices  
(no "C" in model number required)

**Manufacturing Sites:** 30,489

Intertek

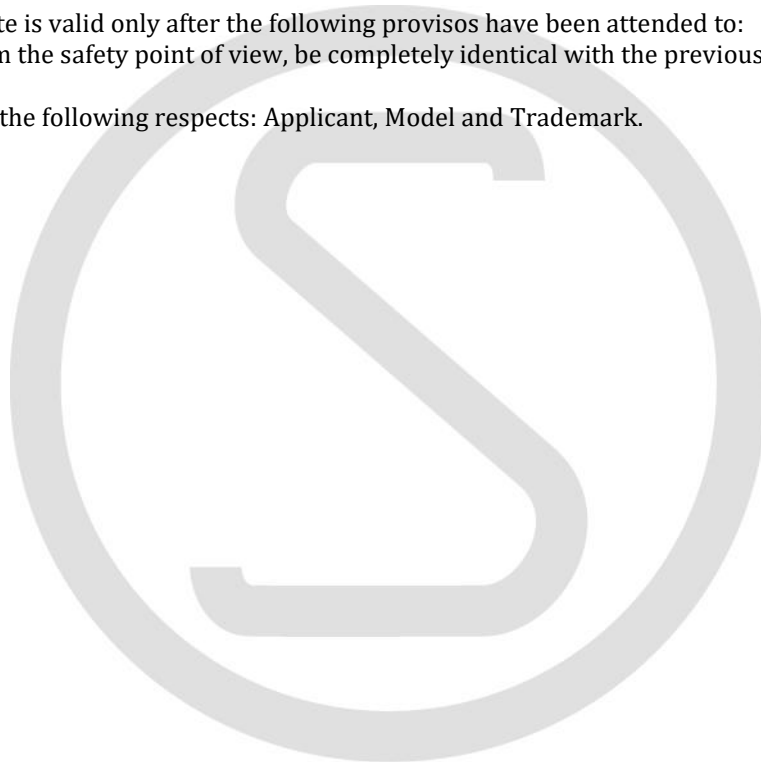
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According to the principle of presumption of conformity, this certificate, which includes production control, constitutes support for an EU Declaration of Conformity to the Low Voltage Directive 2014/35/EU. This presumption can expire before end of validity of this certificate due to new issued Standard or Amendment and changes within the EU legislation.

The instruction for use shall be written in a language acceptable according to the national regulation in the country where the product is to be used.

However, the certificate is valid only after the following provisos have been attended to:  
The product shall, from the safety point of view, be completely identical with the previously certified type SA-3P-\*\*\*.\*\*\*.  
The product differs in the following respects: Applicant, Model and Trademark.



**Certification Body:** Intertek Semko AB, Product Certification **Place:** Kista - Stockholm

**Signed:**  **Date:** 31 July, 2023

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