



# CERTIFICATE

## ATTESTATION CERTIFICATE OF ELECTROMAGNETIC COMPATIBILITY AND LOW VOLTAGE DIRECTIVES

Technical file of the company mentioned below has been inspected and audit has been completed successfully.

2014/30/EU Electromagnetic Compatibility Directive and

2014/35/EU Low Voltage Directives have been taken as references for these processes

Company Name : **Korea Auto Controls Co.,Ltd.**

Company Address : 150-55 Kajwa Dong,Seo-Gu,Inchon,S.Korea

Manufacturer Name : **Zhejiang Kacon Electric Co.,Ltd.**

Manufacturer Adress : No.6 Zhenxing Road,Xinguang Street,Liushi Town,  
Yueqing City,Zhejiang Province,China

Related Directives and Annex : **2014/35/EU Low Voltage Directive**  
**2014/30/EU Electromagnetic Compatibility Directive**

Related Standards : **EN 60947-5-1:2004+A1:2009;EN 55014-1:2007+A2:2011;**  
**EN 55014-2:2015;EN 61000-3-2:2014;EN 61000-3-3:2013**

Product Name : **General Relay**

Report No and Date : XMT0201601230L/EMC; XMT0201601231L/LVD

Product Brand/Model/Type : HR705-2P,HR705-2PP,HR705-2PL,HR705-3P,HR705-3PP,HR705-3PL,  
HR705-4P,HR705-4PP,HR705-4PL,HR707-2P,HR707-2PL,HR707-3P, HR707-3PL,HR707-4P,HR707-4PL,  
HR710-2P,HR710-2PP,HR710-2PL, HR710-3P,HR710-3PP,HR710-3PL,HR710-4P,HR710-4PP,HR710-4PL,  
505-2P,505-2PP,505-2PL,505-3P,505-3PP,505-3PL,505-4P,505-4PP, 505-4PL,K705-2P,K705-2PP,  
K705-2PL, K705-3P, K705-3PP, K705-3PL, K705-4P,K705-4PP,K705-4PL,K707-2P,K707-2PL,K707-3P,  
K707-3PL, K710-2P,K710-2PP,K710-2PL,K710-3P,K710-4P,K710-4PL,K706-1PL, K706-1PLT,K706-1PLDT,  
K706-2PL, K706-2PLT,K706-2PLDT,MY2NK, MY4NK,MY2INK,MY4INK

Certificate Number : **M.2016.201.Y1963**

Initial Assessment Date : 14.09.2016

Registration Date : 30.09.2016

Reissue Date/No : -

  
UDEM International Certification  
Auditing Training Centre Industry  
and Trade Co. Ltd.

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## NRNT2.E168231 Switches, Industrial Control - Component

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## Switches, Industrial Control - Component

[See General Information for Switches, Industrial Control - Component](#)

### KOREA AUTO CONTROLS CO

E168231

150-55 Kajwa-Dong

Seo-Ku

Inchon, 404-250 REPUBLIC OF KOREA

### Investigated to ANSI/UL 508

**Electronic data processing and similar equipment, open type** Model(s) HR 705

**en type, for use in industrial applications** Model(s) 4442090.1070629 (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705- 2PPL (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705- 3PL (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2P (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PB (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PBC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PBD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PBL (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PBLC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PBLD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PL (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PLC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PLD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PP (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PPC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PPD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PPLC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PPLD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3P (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PB (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PBC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PBD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PBL (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PBLC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PBLD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PLC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PLD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PP (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PPC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PPD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PPL (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PPLC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-3PLD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4P (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PB (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PBC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PBD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PBL (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PBLC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PBLD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PL (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PLC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PLD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PP (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PPC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PPD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PPL (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PPLC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PPLD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PBC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PBD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PBL (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PBLC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PBLD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PL (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PLC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PLD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PP (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PPC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PPD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PPL (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PPLC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PPLD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

**Open type, for use in industrial applications, "Z Series"** Model(s) Z followed by any suffix

**Open type, for use in industrial applications** Model(s) 505, K706-1PL 110VAC, K706-1PL 110VDC, K706-1PL 12VDC, K706-1PL 230VAC, K706-1PL 24VAC, K706-1PL 24VDC, K706-1PL 48VDC, K706-1PL 6VDC, K706-1PLD 110VDC, K706-1PLD 12VDC, K706-1PLD 24VDC, K706-1PLD 48VDC, K706-1PLD 6VDC, K706-1PLT 110VAC, K706-1PLT 110VDC, K706-1PLT 12VDC, K706-1PLT 230VAC, K706-1PLT 24VAC, K706-1PLT 24VDC, K706-1PLT 48VDC, K706-1PLT 6VDC, K706-2PL 110VAC, K706-2PL 110VDC, K706-2PL 12VDC, K706-2PL 230VAC, K706-2PL 24VAC, K706-2PL 24VDC, K706-2PL 48VDC, K706-2PL 6VDC, K706-2PLD 110VDC, K706-2PLD 12VDC, K706-2PLD 24VDC, K706-2PLD 48VDC, K706-2PLD 6VDC, K706-2PLDT 110VDC, K706-2PLDT 12VDC, K706-2PLDT 24VDC, K706-2PLDT 48VDC, K706-2PLDT 6VDC, K706-2PLT 110VAC, K706-2PLT 110VDC, K706-2PLT 12VDC, K706-2PLT 230VAC, K706-2PLT 24VAC, K706-2PLT 24VDC, K706-2PLT 48VDC, K706-2PLT 6VDC

KMY followed by 2,3 or 4, followed by I, or Black, followed by N or blank, followed by C, D or blank, followed by 1, 2 or blank, followed by /6VDC, /12VDC, /24VDC, /48VDC, /110VDC, /6VAC, /12VAC, /24VAC, /36VAC, /48VAC, /100/110VAC, /200/220VAC or/220/240VAC.

T F

**Relay rockets** Model(s) KY08, KY11, KY14, KYF08, KYF11, KYF14

**Solid state relay, for use in industrial control applications** Model(s) KMSR-DS

**Switched, Industrial Control** Model(s) TA-1a \*\*V, TA-1a 24V, TR-1a \*\*V

**Switches, industrial controls** Model(s) 730-1PC, 730-1QB, 730-1QR, 730-1TB, 730-1TR, 730-1TR, 730-2PC, 730-2QB, 730-2QR, 730-2TB, 730-2TR, HR730-1PC, HR730-1QB, HR730-1QR, HR730-1TB, HR730-1TR, HR730-2PC, HR730-2QB, HR730-2QR, HR730-2TB, HR730-2TR, TA, TR

**Investigated to**

**Industrial Control Switches** Model(s) HR705-2P, HR705-2PB, HR705-2PL, HR705-2PP, HR705-3P, HR705-3PB, HR705-3PL, HR705-3PP, HR705-4P, HR705-4PB, HR705-4PL, HR705-4PP, HR710-2P, HR710-2PB, HR710-2PL, HR710-2PP, HR710-3P, HR710-3PB, HR710-3PL, HR710-3PP, HR710-4P, HR710-4PB, HR710-4PL, HR710-4PP

K followed by 22, 25, 30, 25F, 30F, followed by 1 to 9, followed by 1 to 9 or A, B, C, D, followed by R, G, Y, W, B, K, followed by RE, RF, N29, N40, N65, AL, B29, B40, B65, C29, C40, C65, S2R, S3LR, S3L, S3R, L2R, L3LR, L3L, L3R, L, RF, RX, D, DR, T, K or blank followed by 220VAC, 110VAC, 110VDC, 24VDC, 12VDC, 6.3VDC or blank.

K-705-4P-110VAC, K-705-4P-110VDC, K-705-4P-12VAC, K-705-4P-12VDC, K-705-4P-220VAC, K-705-4P-220VDC, K-705-4P-240VAC, K-705-4P-24VAC, K-705-4P-24VDC, K-705-4P-380VAC, K-705-4P-48VDC, K-705-4P-6VAC, K-705-4P-6VDC, K-705-4P-9VDC, K-705-4PB-110VAC, K-705-4PB-110VDC, K-705-4PB-12VAC, K-705-4PB-12VDC, K-705-4PB-220VAC, K-705-4PB-220VDC, K-705-4PB-240VAC, K-705-4PB-24VAC, K-705-4PB-24VDC, K-705-4PB-380VAC, K-705-4PB-48VDC, K-705-4PB-6VAC, K-705-4PB-6VDC, K-705-4PB-9VDC, K-705-4PL-110VAC, K-705-4PL-12VAC, K-705-4PL-12VDC, K-705-4PL-220VAC, K-705-4PL-220VDC, K-705-4PL-240VAC, K-705-4PL-24VAC, K-705-4PL-24VDC, K-705-4PL-380VAC, K-705-4PL-48VDC, K-705-4PL-6VAC, K-705-4PL-6VDC, K-705-4PL-9VDC, K-705-4PP-110VAC, K-705-4PP-110VDC, K-705-4PP-12VAC, K-705-4PP-12VDC, K-705-4PP-220VAC, K-705-4PP-220VDC, K-705-4PP-240VAC, K-705-4PP-24VAC, K-705-4PP-24VDC, K-705-4PP-380VAC, K-705-4PP-48VDC, K-705-4PP-6VAC, K-705-4PP-6VDC, K-705-4PP-9VDC

K-710-2P/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VAC /24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PB/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PBC/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PBD/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PBL/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PBL/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12 VAC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PBLD/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12 VAC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PC/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PD/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PL/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PLC/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PLD/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PP/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PPC/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PPD/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PPL/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PPLC/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12 VAC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PPLD/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12 VAC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2P, K705-2PL, K705-2PLD, K705-2PD(2FORM, PCB VERSION, WITH DIOD), K705-4P, K705-4PL, K705-4PLD, K705-4PD, where P: PLUG-IN TERMIAL, L: LED, D: DIOD

K705-2P/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VAC/ 24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PB /6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PBC/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PBD/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PBL /6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PBLC/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PBLD/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PC/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VAC /24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PD/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VAC /24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PL /6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PLC/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PLD /6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PP /6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC

K705-2PPC /6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PPD/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PPL/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PPLC/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PPLD/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-3P/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VAC/ 24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-3PB/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VAC /24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.K705-3PBL/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VAC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-3PBC/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-3PBD/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.



4PP-110VAC, K710-4PP-110VDC, K710-4PP-12VAC, K710-4PP-12VC, K710-4PP-220VAC, K710-4PP-220VDC, K710-4PP-240VAC, K710-4PP-24VAC, K710-4PP-24VDC, K710-4PP-380VAC, K710-4PP-48VDC, K710-4PP-6VAC, K710-4PP-6VDC, K710-4PP-9VDC

KL followed by L, M or S followed by A, followed by P1, P2, L1, L2, L3 or L4.

KLY2N-2A-110VAC, KLY2N-2A-110VAC-L, KLY2N-2A-110VDC, KLY2N-2A-110VDC-L, KLY2N-2A-12VAC, KLY2N-2A-12VAC-L, KLY2N-2A-12VDC, KLY2N-2A-12VDC-L, KLY2N-2A-18VAC, KLY2N-2A-18VAC-L, KLY2N-2A-18VDC, KLY2N-2A-18VDC-L, KLY2N-2A-220VAC, KLY2N-2A-220VAC-L, KLY2N-2A-240VAC, KLY2N-2A-240VAC-L, KLY2N-2A-24VAC, KLY2N-2A-24VAC-L, KLY2N-2A-24VDC, KLY2N-2A-24VDC-L, KLY2N-2A-36VAC, KLY2N-2A-36VAC-L, KLY2N-2A-36VDC, KLY2N-2A-36VDC-L, KLY2N-2A-48VAC, KLY2N-2A-48VAC-L, KLY2N-2A-48VDC, KLY2N-2A-48VDC-L, KLY2N-2A-60VAC, KLY2N-2A-60VAC-L, KLY2N-2A-60VDC, KLY2N-2A-60VDC-L, KLY2N-2A-6VAC, KLY2N-2A-6VAC-L, KLY2N-2A-6VDC, KLY2N-2A-6VDC-L, KLY2N-2A-9VAC, KLY2N-2A-9VAC-L, KLY2N-2A-9VDC, KLY2N-2A-9VDC-L, KLY2N-2B-110VAC, KLY2N-2B-110VAC-L, KLY2N-2B-110VDC, KLY2N-2B-110VDC-L, KLY2N-2B-12VAC, KLY2N-2B-12VAC-L, KLY2N-2B-12VDC, KLY2N-2B-12VDC-L, KLY2N-2B-18VAC, KLY2N-2B-18VAC-L, KLY2N-2B-18VDC, KLY2N-2B-18VDC-L, KLY2N-2B-220VAC, KLY2N-2B-220VAC-L, KLY2N-2B-240VAC, KLY2N-2B-240VAC-L, KLY2N-2B-24VAC, KLY2N-2B-24VAC-L, KLY2N-2B-24VDC, KLY2N-2B-24VDC-L, KLY2N-2B-36VAC, KLY2N-2B-36VAC-L, KLY2N-2B-36VDC, KLY2N-2B-36VDC-L, KLY2N-2B-48VAC, KLY2N-2B-48VAC-L, KLY2N-2B-48VDC, KLY2N-2B-48VDC-L, KLY2N-2B-60VAC, KLY2N-2B-60VAC-L, KLY2N-2B-60VDC, KLY2N-2B-60VDC-L, KLY2N-2B-6VAC, KLY2N-2B-6VAC-L, KLY2N-2B-6VDC, KLY2N-2B-6VDC-L, KLY2N-2B-9VAC, KLY2N-2B-9VAC-L, KLY2N-2B-9VDC, KLY2N-2B-9VDC-L, KLY2N-2C-110VAC, KLY2N-2C-110VAC-L, KLY2N-2C-110VDC, KLY2N-2C-110VDC-L, KLY2N-2C-12VAC, KLY2N-2C-12VAC-L, KLY2N-2C-12VDC, KLY2N-2C-12VDC-L, KLY2N-2C-18VAC, KLY2N-2C-18VAC-L, KLY2N-2C-18VDC, KLY2N-2C-18VDC-L, KLY2N-2C-220VAC, KLY2N-2C-220VAC-L, KLY2N-2C-240VAC, KLY2N-2C-240VAC-L, KLY2N-2C-24VAC, KLY2N-2C-24VAC-L, KLY2N-2C-24VDC, KLY2N-2C-24VDC-L, KLY2N-2C-36VAC, KLY2N-2C-36VAC-L, KLY2N-2C-36VDC, KLY2N-2C-36VDC-L, KLY2N-2C-48VAC, KLY2N-2C-48VAC-L, KLY2N-2C-48VDC, KLY2N-2C-48VDC-L, KLY2N-2C-60VAC, KLY2N-2C-60VAC-L, KLY2N-2C-60VDC, KLY2N-2C-60VDC-L, KLY2N-2C-6VAC, KLY2N-2C-6VAC-L, KLY2N-2C-6VDC, KLY2N-2C-6VDC-L, KLY2N-2C-9VAC, KLY2N-2C-9VAC-L, KLY2N-2C-9VDC, KLY2N-2C-9VDC-L

\*\* - 05 through 24



Marking: Company name or trademark **KASYS KACOM** and model designation on the product or on the smallest unit container in which the product is packaged.

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#### KOREA AUTO CONTROLS CO

E168231

150-55 Kajwa-Dong

Seo-Ku

Inchon, 404-250 REPUBLIC OF KOREA

#### Investigated to CAN/CSA C22.2. No. 14-10

**Electronic data processing and similar equipment, open type** Model(s) HR 705

**en type, for use in industrial applications** Model(s) 4442090.1070629 (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705- 2PPL (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705- 3PL (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2P (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PB (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PBC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PBD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PBL (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PBL (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PBLD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PL (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PLC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PLD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PP (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PPC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PPD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PPLC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-2PPLD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3P (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PB (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PBC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PBD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PBL (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PBL (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PBLD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PLC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PLD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PP (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PPC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PPD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PPL (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

HR705-3PPLC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-3PLD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4P (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PB (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PBC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PBD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PBL (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PBLC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PBLD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PL (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PLC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PLD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PP (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PPC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PPD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PPL (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PPLC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR705-4PPLD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PBC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PBD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PBL (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PBLC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PBLD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PL (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PLC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PLD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PP (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PPC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PPD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PPL (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PPLC (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)  
HR710-2PPLD (6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 100/110VAC, 200/220VAC, 220/240VAC)

**Open type, for use in industrial applications, "Z Series"** Model(s) Z followed by any suffix

**Open type, for use in industrial applications** Model(s) 505, K706-1PL 110VAC, K706-1PL 110VDC, K706-1PL 12VDC, K706-1PL 230VAC, K706-1PL 24VAC, K706-1PL 24VDC, K706-1PL 48VDC, K706-1PL 6VDC, K706-1PLD 110VDC, K706-1PLD 12VDC, K706-1PLD 24VDC, K706-1PLD 48VDC, K706-1PLD 6VDC, K706-1PLT 110VAC, K706-1PLT 110VDC, K706-1PLT 12VDC, K706-1PLT 230VAC, K706-1PLT 24VAC, K706-1PLT 24VDC, K706-1PLT 48VDC, K706-1PLT 6VDC, K706-2PL 110VAC, K706-2PL 110VDC, K706-2PL 12VDC, K706-2PL 230VAC, K706-2PL 24VAC, K706-2PL 24VDC, K706-2PL 48VDC, K706-2PL 6VDC, K706-2PLD 110VDC, K706-2PLD 12VDC, K706-2PLD 24VDC, K706-2PLD 48VDC, K706-2PLD 6VDC, K706-2PLDT 110VDC, K706-2PLDT 12VDC, K706-2PLDT 24VDC, K706-2PLDT 48VDC, K706-2PLDT 6VDC, K706-2PLT 110VAC, K706-2PLT 110VDC, K706-2PLT 12VDC, K706-2PLT 230VAC, K706-2PLT 24VAC, K706-2PLT 24VDC, K706-2PLT 48VDC, K706-2PLT 6VDC

KMY followed by 2,3 or 4, followed by I, or Black, followed by N or blank, followed by C, D or blank, followed by 1, 2 or blank, followed by /6VDC, /12VDC, /24VDC, /48VDC, /110VDC, /6VAC, /12VAC, /24VAC, /36VAC, /48VAC, /100/110VAC, /200/220VAC or/220/240VAC.

T F

**Relay rockets** Model(s) KY08, KY11, KY14, KYF08, KYF11, KYF14

**Solid state relay, for use in industrial control applications** Model(s) KMSR-DS

**Switched, Industrial Control** Model(s) TA-1a \*\*V, TA-1a 24V, TR-1a \*\*V

**Switches, industrial controls** Model(s) 730-1PC, 730-1QB, 730-1QR, 730-1TB, 730-1TR, 730-1TR, 730-2PC, 730-2QB, 730-2QR, 730-2TB, 730-2TR, HR730-1PC, HR730-1QB, HR730-1QR, HR730-1TB, HR730-1TR, HR730-2PC, HR730-2QB, HR730-2QR, HR730-2TB, HR730-2TR, TA, TR

**Investigated to**



**Industrial Control Switches** Model(s) HR705-2P, HR705-2PB, HR705-2PL, HR705-2PP, HR705-3P, HR705-3PB, HR705-3PL, HR705-3PP, HR705-4P, HR705-4PB, HR705-4PL, HR705-4PP, HR710-2P, HR710-2PB, HR710-2PL, HR710-2PP, HR710-3P, HR710-3PB, HR710-3PL, HR710-3PP, HR710-4P, HR710-4PB, HR710-4PL, HR710-4PP

K followed by 22, 25, 30, 25F, 30F, followed by 1 to 9, followed by 1 to 9 or A, B, C, D, followed by R, G, Y, W, B, K, followed by RE, RF, N29, N40, N65, AL, B29, B40, B65, C29, C40, C65, S2R, S3LR, S3L, S3R, L2R, L3LR, L3L, L3R, L, RF, RX, D, DR, T, K or blank followed by 220VAC, 110VAC, 110VDC, 24VDC, 12VDC, 6.3VDC or blank.

K-705-4P-110VAC, K-705-4P-110VDC, K-705-4P-12VAC, K-705-4P-12VDC, K-705-4P-220VAC, K-705-4P-220VDC, K-705-4P-240VAC, K-705-4P-24VAC, K-705-4P-24VDC, K-705-4P-380VAC, K-705-4P-48VDC, K-705-4P-6VAC, K-705-4P-6VDC, K-705-4P-9VDC, K-705-4PB-110VAC, K-705-4PB-110VDC, K-705-4PB-12VAC, K-705-4PB-12VDC, K-705-4PB-220VAC, K-705-4PB-220VDC, K-705-4PB-240VAC, K-705-4PB-24VAC, K-705-4PB-24VDC, K-705-4PB-380VAC, K-705-4PB-48VDC, K-705-4PB-6VAC, K-705-4PB-6VDC, K-705-4PB-9VDC, K-705-4PL-110VAC, K-705-4PL-12VAC, K-705-4PL-12VDC, K-705-4PL-220VAC, K-705-4PL-220VDC, K-705-4PL-240VAC, K-705-4PL-24VAC, K-705-4PL-24VDC, K-705-4PL-380VAC, K-705-4PL-48VDC, K-705-4PL-6VAC, K-705-4PL-6VDC, K-705-4PL-9VDC, K-705-4PP-110VAC, K-705-4PP-110VDC, K-705-4PP-12VAC, K-705-4PP-12VDC, K-705-4PP-220VAC, K-705-4PP-220VDC, K-705-4PP-240VAC, K-705-4PP-24VAC, K-705-4PP-24VDC, K-705-4PP-380VAC, K-705-4PP-48VDC, K-705-4PP-6VAC, K-705-4PP-6VDC, K-705-4PP-9VDC

K-710-2P/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VAC /24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PB/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PBC/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PBD/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PBL/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PBL/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12 VAC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PBLD/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12 VAC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PC/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PD/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PL/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PLC/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PLD/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PP/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PPC/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PPD/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PPL/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PPLC/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12 VAC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K-710-2PPLD/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12 VAC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2P, K705-2PL, K705-2PLD, K705-2PD(2FORM, PCB VERSION, WITH DIOD), K705-4P, K705-4PL, K705-4PLD, K705-4PD, where P: PLUG-IN TERMIAL, L: LED, D: DIOD

K705-2P/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VAC/ 24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PB /6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PBC/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PBD/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PBL /6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PBLC/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PBLD/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PC/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VAC /24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PD/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VAC /24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PL /6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PLC/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PLD /6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PP /6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC

K705-2PPC /6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PPD/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PPL/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PPLC/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-2PPLD/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12V AC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-3P/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VAC/ 24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-3PB/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VAC /24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.K705-3PBL/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VAC/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-3PBC/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.

K705-3PBD/6VDC/12VDC/24VDC/48VDC/110VDC/6VAC/12VA C/24VAC/36VAC/48VAC/ 100/110VAC / 200/220VAC / 220/240VAC.




4PP-110VAC, K710-4PP-110VDC, K710-4PP-12VAC, K710-4PP-12VC, K710-4PP-220VAC, K710-4PP-220VDC, K710-4PP-240VAC, K710-4PP-24VAC, K710-4PP-24VDC, K710-4PP-380VAC, K710-4PP-48VDC, K710-4PP-6VAC, K710-4PP-6VDC, K710-4PP-9VDC

KL followed by L, M or S followed by A, followed by P1, P2, L1, L2, L3 or L4.

KLY2N-2A-110VAC, KLY2N-2A-110VAC-L, KLY2N-2A-110VDC, KLY2N-2A-110VDC-L, KLY2N-2A-12VAC, KLY2N-2A-12VAC-L, KLY2N-2A-12VDC, KLY2N-2A-12VDC-L, KLY2N-2A-18VAC, KLY2N-2A-18VAC-L, KLY2N-2A-18VDC, KLY2N-2A-18VDC-L, KLY2N-2A-220VAC, KLY2N-2A-220VAC-L, KLY2N-2A-240VAC, KLY2N-2A-240VAC-L, KLY2N-2A-24VAC, KLY2N-2A-24VAC-L, KLY2N-2A-24VDC, KLY2N-2A-24VDC-L, KLY2N-2A-36VAC, KLY2N-2A-36VAC-L, KLY2N-2A-36VDC, KLY2N-2A-36VDC-L, KLY2N-2A-48VAC, KLY2N-2A-48VAC-L, KLY2N-2A-48VDC, KLY2N-2A-48VDC-L, KLY2N-2A-60VAC, KLY2N-2A-60VAC-L, KLY2N-2A-60VDC, KLY2N-2A-60VDC-L, KLY2N-2A-6VAC, KLY2N-2A-6VAC-L, KLY2N-2A-6VDC, KLY2N-2A-6VDC-L, KLY2N-2A-9VAC, KLY2N-2A-9VAC-L, KLY2N-2A-9VDC, KLY2N-2A-9VDC-L, KLY2N-2B-110VAC, KLY2N-2B-110VAC-L, KLY2N-2B-110VDC, KLY2N-2B-110VDC-L, KLY2N-2B-12VAC, KLY2N-2B-12VAC-L, KLY2N-2B-12VDC, KLY2N-2B-12VDC-L, KLY2N-2B-18VAC, KLY2N-2B-18VAC-L, KLY2N-2B-18VDC, KLY2N-2B-18VDC-L, KLY2N-2B-220VAC, KLY2N-2B-220VAC-L, KLY2N-2B-240VAC, KLY2N-2B-240VAC-L, KLY2N-2B-24VAC, KLY2N-2B-24VAC-L, KLY2N-2B-24VDC, KLY2N-2B-24VDC-L, KLY2N-2B-36VAC, KLY2N-2B-36VAC-L, KLY2N-2B-36VDC, KLY2N-2B-36VDC-L, KLY2N-2B-48VAC, KLY2N-2B-48VAC-L, KLY2N-2B-48VDC, KLY2N-2B-48VDC-L, KLY2N-2B-60VAC, KLY2N-2B-60VAC-L, KLY2N-2B-60VDC, KLY2N-2B-60VDC-L, KLY2N-2B-6VAC, KLY2N-2B-6VAC-L, KLY2N-2B-6VDC, KLY2N-2B-6VDC-L, KLY2N-2B-9VAC, KLY2N-2B-9VAC-L, KLY2N-2B-9VDC, KLY2N-2B-9VDC-L, KLY2N-2C-110VAC, KLY2N-2C-110VAC-L, KLY2N-2C-110VDC, KLY2N-2C-110VDC-L, KLY2N-2C-12VAC, KLY2N-2C-12VAC-L, KLY2N-2C-12VDC, KLY2N-2C-12VDC-L, KLY2N-2C-18VAC, KLY2N-2C-18VAC-L, KLY2N-2C-18VDC, KLY2N-2C-18VDC-L, KLY2N-2C-220VAC, KLY2N-2C-220VAC-L, KLY2N-2C-240VAC, KLY2N-2C-240VAC-L, KLY2N-2C-24VAC, KLY2N-2C-24VAC-L, KLY2N-2C-24VDC, KLY2N-2C-24VDC-L, KLY2N-2C-36VAC, KLY2N-2C-36VAC-L, KLY2N-2C-36VDC, KLY2N-2C-36VDC-L, KLY2N-2C-48VAC, KLY2N-2C-48VAC-L, KLY2N-2C-48VDC, KLY2N-2C-48VDC-L, KLY2N-2C-60VAC, KLY2N-2C-60VAC-L, KLY2N-2C-60VDC, KLY2N-2C-60VDC-L, KLY2N-2C-6VAC, KLY2N-2C-6VAC-L, KLY2N-2C-6VDC, KLY2N-2C-6VDC-L, KLY2N-2C-9VAC, KLY2N-2C-9VAC-L, KLY2N-2C-9VDC, KLY2N-2C-9VDC-L

\*\* - 05 through 24

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# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50288612

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0001

Ihr Zeichen *Client Reference*  
L.M.

Unser Zeichen *Our Reference*  
ZC10-WCJ- 14706448 005

Ausstellungsdatum  
18.07.2014

*Date of Issue*  
(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Korea Auto Controls Co., Ltd.  
150-55 Kajwa-Dong,  
Seo-Ku,  
Incheon  
Rep. of Korea

**Fertigungsstätte *Manufacturing Plant***  
ZC10-ZJ-14706448 001

## Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*  
EN 61810-1:2008

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

Relay (Relay)

Type Designation	: HR705-2P xyz/u	HR705-3P xyz/u	6
	x = L, Blank		1
	y = D, C, Blank		1
	z = P, B, Blank		1
	u = 6VDC, 12VDC, 24VDC, 48VDC, 110VDC,		1
	6VAC, 12VAC, 24VAC, 36VAC, 48VAC,		
	110VAC, 220VAC, 240VAC		
	(KACON)		
Rated Coil Voltage	: 1) DC 6V, 12V, 24V, 48V, 110V		
	2) AC 6V, 12V, 24V, 36V, 48V, 110V,		
	220V, 240V		
Rated Coil Power	: 1) 0.9W	2) 1.2VA	
Ambient Temperature:	-40°C to +70°C		
Contact Rating	: 6A 250VAC		
	6A 30VDC		
Number of Cycles for			
Electrical Endurance:	100,000		
Continued on page 0002			

10

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**  
Tel.: (+49/221)8 06 - 13 71 e-mail: cert-validity@de.tuv.com  
Fax: (+49/221)8 06 - 39 35 http://www.tuv.com/safety

Zertifizierungsstelle



James Li

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50288612

Blatt *Page*  
0002

Ihr Zeichen *Client Reference*  
L.M.

Unser Zeichen *Our Reference*  
ZC10-WCJ- 14706448 005

Ausstellungsdatum  
18.07.2014

*Date of Issue*  
(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Korea Auto Controls Co., Ltd.  
150-55 Kajwa-Dong,  
Seo-Ku,  
Incheon  
Rep. of Korea

**Fertigungsstätte *Manufacturing Plant***  
ZC10-ZJ-14706448 001

## Prüfzeichen *Test Mark*



Type Approved  
Safety  
Regular Production  
Surveillance  
  
www.tuv.com  
ID 2000000000

Geprüft nach *Tested acc. to*  
EN 61810-1:2008

**Zertifiziertes Produkt (Geräteidentifikation)**  
***Certified Product (Product Identification)***

**Lizenzentgelte - Einheit**  
***License Fee - Unit***

Relay (Relay)

Continuation from page 0001

Number of Cycles for  
Mechanical Endurance : 10,000,000  
Thermal Insulation Class : B  
Type of Interruption : Micro-disconnection  
Insulation System between  
Coil and Contact : Basic Insulation

Endurance test in accordance with clause 17 of IEC 60730-1:

Rated Voltage : 250VAC  
Rated Current : 6A  
Number of Automatic Cycles: 10,000

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

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Zertifizierungsstelle



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# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50288612

Blatt *Page*  
0003

Ihr Zeichen *Client Reference*  
L.M.

Unser Zeichen *Our Reference*  
ZC10-WCJ- 14706448 005

Ausstellungsdatum  
18.07.2014

*Date of Issue*  
(day/mo/yr)

## Genehmigungsinhaber *License Holder*

Korea Auto Controls Co., Ltd.  
150-55 Kajwa-Dong,  
Seo-Ku,  
Incheon  
Rep. of Korea

## Fertigungsstätte *Manufacturing Plant*

ZC10-ZJ-14706448 001

## Prüfzeichen *Test Mark*



Type Approved  
Safety  
Regular Production  
Surveillance  
  
www.tuv.com  
ID 2000000000

Geprüft nach *Tested acc. to*  
EN 61810-1:2008

Zertifiziertes Produkt *(Geräteidentifikation)*  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

Relay (Relay)

as page 0001-0002  
Addition

Type Designation	: HR705-4P xyz/u (KACON)	1
	x = L, Blank	1
	y = D, C, Blank	1
	z = P, B, Blank	1
	u = 6VDC, 12VDC, 24VDC, 48VDC, 110VDC, 6VAC, 12VAC, 24VAC, 36VAC, 48VAC, 110VAC, 220VAC, 240VAC	1
Contact Rating	: 5A 250VAC 5A 30VDC	

Endurance test in accordance with clause 17 of IEC 60730-1:  
Rated Current : 5A

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

5

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.  
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Zertifizierungsstelle



James Li

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50288964

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0001

Ihr Zeichen *Client Reference*  
H.A.P.

Unser Zeichen *Our Reference*  
01-MN- 15029718 008

Ausstellungsdatum  
04.08.2014

*Date of Issue*  
(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Korea Auto Controls Co., Ltd.  
150-55 Kajwa-Dong,  
Seo-Ku,  
Incheon  
Rep. of Korea

**Fertigungsstätte *Manufacturing Plant***  
01-MN-15029718 001

## Prüfzeichen *Test Mark*



Type Approved  
Safety  
Regular Production  
Surveillance

www.tuv.com  
ID 2000000000

Geprüft nach *Tested acc. to*  
EN 61810-1:2008

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

Relay (Electromechanical elementary relays)

Type Designation	: HR705-4Px (KACON)	5
	x = B; L; LC; LD; P or Blank	1
Rated Coil Voltage	: DC 12V; 24V; 48V; 110V; 100-120V or 200-220V AC 12V; 24V; 48V; 110V; 220V; 240V; 100-120V; 200-220V or 230-240V	
Rated Coil Power	: DC 0,9W; AC 1,2VA	
Ambient Temperature	: -55°C to +70°C	
Contact Rating	: 5A; DC 30V or AC 250V	
Electrical Endurance	: 100 000	
Mechanical Endurance	: 5 000 000	
Type of Interruption	: Micro-disconnection	
Insulation System between Coil and Contact	: Basic Insulation	

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

6

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.

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**Zertifizierungsstelle**



**Dipl.-Ing. (FH) F. He**

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50288994

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0002

Ihr Zeichen *Client Reference*  
H.A.P.

Unser Zeichen *Our Reference*  
01-MN- 15029719 007

Ausstellungsdatum  
04.08.2014

*Date of Issue*  
(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Korea Auto Controls Co., Ltd.  
150-55 Kajwa-Dong,  
Seo-Ku,  
Incheon  
Rep. of Korea

**Fertigungsstätte *Manufacturing Plant***  
01-MN-15029719 001

## Prüfzeichen *Test Mark*



Type Approved  
Safety  
Regular Production  
Surveillance

www.tuv.com  
ID 2000000000

Geprüft nach *Tested acc. to*  
EN 61810-1:2008

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

Relay (Electromechanical elementary relays)

Continuation from page 0001

Contact Rating : 10A 250VAC or 30VDC  
Electrical Endurance : 100 000  
Mechanical Endurance : 5 000 000  
Type of Interruption : Micro-disconnection  
Insulation system between  
Coil and Contact : Basic Insulation

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

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.

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Zertifizierungsstelle

Dipl.-Ing. (FH) F. He





# PRODUCT CERTIFICATE

CERTIFICATE NO.: CQC18001189788

## NAME AND ADDRESS OF THE APPLICANT

Korea Auto Controls Co.,Ltd  
66, Geonji-ro 250beon-gil,Seo-gu,Incheon

## NAME AND ADDRESS OF THE MANUFACTURER

Korea Auto Controls Co.,Ltd  
66, Geonji-ro 250beon-gil,Seo-gu,Incheon

## NAME AND ADDRESS OF THE FACTORY

ZHEJIANG SHENLE ELECTRIC CO.,LTD. (V002362)  
No.666,East Jiaotong Rd.Wuniu street,Yongjia, Zhejiang

## PRODUCT NAME, MODEL AND SPECIFICATION

Relay  
See appendix, Altitude up to 5000m

## THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS

GB8898-2011

## TYPE OF CERTIFICATION SCHEMES

Type Testing of Product + Follow up Factory Inspection

This is to certify that the above mentioned product(s) complies with the requirements of certification rules of CQC11-462151-2015 .

Valid from: Apr.09,2018

Valid until: Nov.10,2022

The validity of the certificate is subject to positive result of the regular follow up inspection by issuing certification body until the expiry date.

Accredited by China National Accreditation Service for Conformity Assessment CNAS C001-P

President: \_\_\_\_\_

Wang Kejiao



## CHINA QUALITY CERTIFICATION CENTRE

Section 9, No.188, Nansihuan Xilu, Beijing 100070 P.R.China  
<http://www.cqc.com.cn>

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