



C E R T I F I C A T E

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, Incheon, S.Korea
Manufacturer Name: : **Zhejiang Kacon Electric Co., Ltd.**
Manufacturer Address : 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 : **IEC 60947-1:2014, IEC 60947-5-1:2016,**
EN 55014-1:2007+A2:2011, EN 55014-2:2015,
EN 61000-3-2:2014, EN 61000-3-3:2013
Product Name : **Metal Switch**
Report No and Date : XMT0201601242L/EMC, XMT0201601243L/LVD

Product Brand/Model/Type : T08-17, T08-21, T08-27, T12-17, T12-21, T12-31, T12-41, T12-51, T12-61,
T12-71, T12-81, T12-37, T12-47, T12-57, T12-87, T16-17, T16-21, T16-31, T16-41, T16-51, T16-61, T16-71, T16-81, T16-27, T16-37,
T16-47, T16-57, T16-87, T19-17, T19-21, T19-31, T19-41, T19-51, T19-61, T19-71, T19-81, T19-27, T19-37, T19-47, T19-57, T19-87,
T22-17, T22-21, T22-31, T22-41, T22-51, T22-61, T22-71, T22-81, T22-27, T22-37, T22-47, T22-57, T22-87, T25-17, T25-21, T25-31,
T25-41, T25-51, T25-61, T25-71, T25-81, T25-27, T25-37, T25-47, T25-57, T25-87, T30-17, T30-21, T30-31, T30-41, T30-51, T30-61,
T30-71, T30-81, T30-27, T30-37, T30-47, T30-57, T30-87, T16-CZ, T19-CZ, T22-CZ, T25-CZ, T30-CZ, T12-A1, T16-A1, T19-A1,
T22-A1, T25-A1, T30-A1

Certificate Number : **M.2016.201.Y1948**
Initial Assessment Date : 23.09.2016
Registration Date : 29.09.2016
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NKCR2.E305574 Auxiliary Devices - Component

[Page Bottom](#)

Auxiliary Devices - Component

[See General Information for Auxiliary Devices - Component](#)

KOREA AUTO CONTROLS CO

E305574

150-55 Kajwa-Dong

Seo-Ku

Inchon, 404-250 REPUBLIC OF KOREA

Investigated to ANSI/UL 508

Auxiliary Device Open type, Industrial Model(s) Model T16, (Push button switches) followed by 2 or 3, followed by 1, followed by 7, followed by 1 or 2, followed by NIL, H, A, HC, D, or HD, followed by R, G, B, W, Y or S, followed by D4, D12, D06, A1 or A2, followed by NIL or N, and followed by NIL or G.

Model T16, (Indicator Lamps) followed by 1, followed by 7, followed by 0, followed by NIL, D or HD, followed by R, G, B, W, Y or S, followed by D4, D12, D06, A1 or A2, followed by NIL or N, and followed by NIL or G.

Buttons self locking, "K16 Series" Model(s) K16-311*, K16-312*, K16-321*, K16-322*, K16-331*, K16-332*, K16-371*, K16-372*, K16-381*, K16-382*, K16-391*, K16-392*

Buttons self righting, "K16 Series" Model(s) K16-211*, K16-212*, K16-221*, K16-222*, K16-231*, K16-232*, K16-271*, K16-272*, K16-281*, K16-282*, K16-291*, K16-292*

Buzzers, "K16 Series" Model(s) K16-BZ10B, K16-BZ10K, K16-BZ20B, K16-BZ20K, K16-BZ30B, K16-BZ30K, K16-BZ70RD, K16-BZ80RD, K16-BZ90RD

Buzzers Model(s) Model T19, followed by BZ, followed by 1, followed by R, G, B, W, Y or S, and followed by NIL or G.

Model T19, followed by BZL, followed by 1, followed by R, G, B, W, Y or S, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

Illuminated push button switches Model(s) F16 or M16, followed by 2, 3, 8 or 9, followed by 7, 8 or 9, followed by 1, followed by Nil, R, G, Y, W, B, K, M or C, followed by Nil, B, E, G, O, V, R, T, W or Y.

Indicator lamps, "K16 Series" Model(s) K16-170*, K16-180*, K16-190*

Indicator lamps Model(s) F16 or M16, followed by -1, followed by 7, 8 or 9, followed by 0, followed by R, G, Y, W, B, K, M or C, may be followed by B, E, G, O, V, R, T, W or Y.

Indicator Lamps Model(s) Model T08, followed by 1, followed by 7, followed by 0, followed by AD, K, Q or D, followed by P, followed by R, G, B, W or Y, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

Model T12, followed by 1, followed by 7, followed by 0, followed by K or Q, followed by S, followed by P, followed by R, G, B, W or Y, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

Model T16, followed by 1, followed by 7, followed by 0, followed by K or Q, followed by S, followed by P, followed by R, G, B, W or Y, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

Model T19, followed by 1, followed by 7, followed by 0, followed by HQ or Q, followed by S or P, followed by R, G, B, W or Y, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

Model T19, followed by 1, followed by 7, followed by 0, followed by NIL, D or A, followed by R, G, B, W, Y or S, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

Model T22, followed by 1, followed by 7, followed by 0, followed by K or Q, followed by S, followed by P, followed by R, G, B, W or Y, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

Model T22, followed by 1, followed by 7, followed by 0, followed by NIL, D, HD or A, followed by R, G, B, W, Y or S, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

Model T25, followed by 1, followed by 7, followed by 0, followed by K or Q, followed by S, followed by P, followed by R, G, B, W or Y, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

Model T25, followed by 1, followed by 7, followed by 0, followed by NIL, D, HD or A, followed by R, G, B, W, Y or S, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.



NKCR8.E305574 Auxiliary Devices Certified for Canada - Component

[Page Bottom](#)

Auxiliary Devices Certified for Canada - Component

[See General Information for Auxiliary Devices Certified for Canada - Component](#)

KOREA AUTO CONTROLS CO

E305574

150-55 Kajwa-Dong

Seo-Ku

Inchon, 404-250 REPUBLIC OF KOREA

Investigated to CAN/CSA C22.2 No. 14-13

Auxiliary Device Open type, Industrial Model(s) Model T16, (Push button switches) followed by 2 or 3, followed by 1, followed by 7, followed by 1 or 2, followed by NIL, H, A, HC, D, or HD, followed by R, G, B, W, Y or S, followed by D4, D12, D06, A1 or A2, followed by NIL or N, and followed by NIL or G.

Model T16, (Indicator Lamps) followed by 1, followed by 7, followed by 0, followed by NIL, D or HD, followed by R, G, B, W, Y or S, followed by D4, D12, D06, A1 or A2, followed by NIL or N, and followed by NIL or G.

Buzzers Model(s) Model T19, followed by BZ, followed by 1, followed by R, G, B, W, Y or S, and followed by NIL or G.

Model T19, followed by BZL, followed by 1, followed by R, G, B, W, Y or S, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

Indicator Lamps Model(s) Model T08, followed by 1, followed by 7, followed by 0, followed by AD, K, Q or D, followed by P, followed by R, G, B, W or Y, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

Model T12, followed by 1, followed by 7, followed by 0, followed by K or Q, followed by S, followed by P, followed by R, G, B, W or Y, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

Model T19, followed by 1, followed by 7, followed by 0, followed by HQ or Q, followed by S or P, followed by R, G, B, W or Y, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

Model T19, followed by 1, followed by 7, followed by 0, followed by NIL, D or A, followed by R, G, B, W, Y or S, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

Model T22, followed by 1, followed by 7, followed by 0, followed by NIL, D, HD or A, followed by R, G, B, W, Y or S, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

Model T25, followed by 1, followed by 7, followed by 0, followed by NIL, D, HD or A, followed by R, G, B, W, Y or S, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

Key selector switches Model(s) Model T19, followed by 6 or 7, followed by 1, followed by 1 or 2, followed by R, G, B, W, Y or S, and followed by NIL or G.

Push button switches Model(s) Model T12E, followed by 2, followed by 1, followed by 3, followed by NIL, H, or A, followed by S or P, followed by R, G, B, W, Y or S, and followed by NIL or G.

Model T12E, followed by 2, followed by 7, followed by 3, followed by NIL, HC, D or HD, followed by P, followed by R, G, B, W, Y or S, followed by D03, and followed by NIL or G.

Model T16E, followed by 2, followed by 1, followed by 3, followed by NIL, H, or A, followed by S or P, followed by R, G, B, W, Y or S, and followed by NIL or G.

Model T16E, followed by 2, followed by 7, followed by 3, followed by NIL, HC, D or HD, followed by S or P, followed by R, G, B, W, Y or S, followed by D03, and followed by NIL or G.

Model T19, followed by 2 or 3, followed by 1, followed by 7, followed by 1 or 2, followed by NIL, H, A, HC, D, HD or A, followed by R, G, B, W, Y or S, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

Model T19E, followed by 2, followed by 1, followed by 3, followed by NIL, H, or A, followed by S or P, followed by R, G, B, W, Y or S, and followed by NIL or G.

Model T22, followed by 2 or 3, followed by 1, followed by 7, followed by 1, followed by NIL, H, A, HC, D or HD, followed by R, G, B, W, Y or S, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

Model T25, followed by 2 or 3, followed by 1, followed by 7, followed by 1, followed by NIL, H, A, HC, D or HD,

Model T30, followed by 1, followed by 7, followed by 0, followed by K or Q, followed by S, followed by P, followed by R, G, B, W or Y, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

Key button switches, "K16 Series" Model(s) K16-611K, K16-612K, K16-621K, K16-622K, K16-631K, K16-632K, K16-711K, K16-712K, K16-721K, K16-722K, K16-731K, K16-732K

Key selector switches Model(s) Model T19, followed by 6 or 7, followed by 1, followed by 1 or 2, followed by R, G, B, W, Y or S, and followed by NIL or G.

Mushroom head switches, "K16 Series" Model(s) K16-911*, K16-912*, K16-921*, K16-922*, K16-931*, K16-932*, K16-971*, K16-972*, K16-981*, K16-982*, K16-991*, K16-992*

Push button switches Model(s) F16 or M16, followed by 2, 3, 8 or 9, followed by 1, 2 or 3, followed by 1, followed by Nil, R, G, Y, W, B, K, M or C, followed by Nil, B, E, G, O, V, R, T, W or Y.

Push button switches Model(s) Model T12E, followed by 2, followed by 1, followed by 3, followed by NIL, H, or A, followed by S or P, followed by R, G, B, W, Y or S, and followed by NIL or G.

Model T12E, followed by 2, followed by 7, followed by 3, followed by NIL, HC, D or HD, followed by P, followed by R, G, B, W, Y or S, followed by D03, and followed by NIL or G.

Model T16E, followed by 2, followed by 1, followed by 3, followed by NIL, H, or A, followed by S or P, followed by R, G, B, W, Y or S, and followed by NIL or G.

Model T16E, followed by 2, followed by 7, followed by 3, followed by NIL, HC, D or HD, followed by S or P, followed by R, G, B, W, Y or S, followed by D03, and followed by NIL or G.

Model T19, followed by 2 or 3, followed by 1, followed by 7, followed by 1 or 2, followed by NIL, H, A, HC, D, HD or A, followed by R, G, B, W, Y or S, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

Model T19E, followed by 2, followed by 1, followed by 3, followed by NIL, H, or A, followed by S or P, followed by R, G, B, W, Y or S, and followed by NIL or G.

Model T22, followed by 2 or 3, followed by 1, followed by 7, followed by 1, followed by NIL, H, A, HC, D or HD, followed by R, G, B, W, Y or S, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

Model T25, followed by 2 or 3, followed by 1, followed by 7, followed by 1, followed by NIL, H, A, HC, D or HD, followed by R, G, B, W, Y or S, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

Rapid cease button switches, "K16 Series" Model(s) K16-811*, K16-812*, K16-821*, K16-822*, K16-831*, K16-832*, K16-871*, K16-872*, K16-881*, K16-882*, K16-891*, K16-892*

Rotary Switches Model(s) Model T19, followed by 8, followed by 1, followed by 1 or 2, followed by NIL or A, and followed by NIL or G.

Selector switches, "K16 Series" Model(s) K16-411K, K16-412K, K16-421K, K16-422K, K16-431K, K16-432K, K16-511K, K16-512K, K16-521K, K16-522K, K16-531K, K16-532K

Selector switches Model(s) F16 or M16, followed by 4, 5, 6 or 7, followed by 1, 2 or 3, followed by 1, 2 or 3, followed by Nil, B, E, G, O, V, R, T, W or Y, followed by Nil, 2, 0, 3, 7, 6 or 1, followed by Nil, A, B, C, D, E, F or G.

Model T19, followed by 4 or 5, followed by 1 or 7, followed by 1 or 2, followed by R, G, B, W, Y or S, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

* - Followed by XXX which represents cover colour, lamp voltage, cover surface.

Marking: Company name and model designation.

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Model T30, followed by 1, followed by 7, followed by 0, followed by K or Q, followed by S, followed by P, followed by R, G, B, W or Y, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

Key button switches, "K16 Series" Model(s) K16-611K, K16-612K, K16-621K, K16-622K, K16-631K, K16-632K, K16-711K, K16-712K, K16-721K, K16-722K, K16-731K, K16-732K

Key selector switches Model(s) Model T19, followed by 6 or 7, followed by 1, followed by 1 or 2, followed by R, G, B, W, Y or S, and followed by NIL or G.

Mushroom head switches, "K16 Series" Model(s) K16-911*, K16-912*, K16-921*, K16-922*, K16-931*, K16-932*, K16-971*, K16-972*, K16-981*, K16-982*, K16-991*, K16-992*

Push button switches Model(s) F16 or M16, followed by 2, 3, 8 or 9, followed by 1, 2 or 3, followed by 1, followed by Nil, R, G, Y, W, B, K, M or C, followed by Nil, B, E, G, O, V, R, T, W or Y.

Push button switches Model(s) Model T12E, followed by 2, followed by 1, followed by 3, followed by NIL, H, or A, followed by S or P, followed by R, G, B, W, Y or S, and followed by NIL or G.

Model T12E, followed by 2, followed by 7, followed by 3, followed by NIL, HC, D or HD, followed by P, followed by R, G, B, W, Y or S, followed by D03, and followed by NIL or G.

Model T16E, followed by 2, followed by 1, followed by 3, followed by NIL, H, or A, followed by S or P, followed by R, G, B, W, Y or S, and followed by NIL or G.

Model T16E, followed by 2, followed by 7, followed by 3, followed by NIL, HC, D or HD, followed by S or P, followed by R, G, B, W, Y or S, followed by D03, and followed by NIL or G.

Model T19, followed by 2 or 3, followed by 1, followed by 7, followed by 1 or 2, followed by NIL, H, A, HC, D, HD or A, followed by R, G, B, W, Y or S, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

Model T19E, followed by 2, followed by 1, followed by 3, followed by NIL, H, or A, followed by S or P, followed by R, G, B, W, Y or S, and followed by NIL or G.

Model T22, followed by 2 or 3, followed by 1, followed by 7, followed by 1, followed by NIL, H, A, HC, D or HD, followed by R, G, B, W, Y or S, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

Model T25, followed by 2 or 3, followed by 1, followed by 7, followed by 1, followed by NIL, H, A, HC, D or HD, followed by R, G, B, W, Y or S, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

Rapid cease button switches, "K16 Series" Model(s) K16-811*, K16-812*, K16-821*, K16-822*, K16-831*, K16-832*, K16-871*, K16-872*, K16-881*, K16-882*, K16-891*, K16-892*

Rotary Switches Model(s) Model T19, followed by 8, followed by 1, followed by 1 or 2, followed by NIL or A, and followed by NIL or G.

Selector switches, "K16 Series" Model(s) K16-411K, K16-412K, K16-421K, K16-422K, K16-431K, K16-432K, K16-511K, K16-512K, K16-521K, K16-522K, K16-531K, K16-532K

Selector switches Model(s) F16 or M16, followed by 4, 5, 6 or 7, followed by 1, 2 or 3, followed by 1, 2 or 3, followed by Nil, B, E, G, O, V, R, T, W or Y, followed by Nil, 2, 0, 3, 7, 6 or 1, followed by Nil, A, B, C, D, E, F or G.

Model T19, followed by 4 or 5, followed by 1 or 7, followed by 1 or 2, followed by R, G, B, W, Y or S, followed by D4, D12, D06, A1 or A2, and followed by NIL or G.

* - Followed by XXX which represents cover colour, lamp voltage, cover surface.

Marking: Company name and model designation.

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