

CERTIFICATE OF COMPLIANCE

RoHS & REACH

Mar 2024
Rev. Y

This Certificate of Environmental Compliance applies to all part numbers listed below.

| Serie | RoHS | | China RoHS-2 | REACH-240 | | |
|------------------------|---|-------------------------------------|---|---|----------------------|---|
| | EU directives 2011/65/EU (RoHS 2) & 2015/863 (RoHS 3) | | China RoHS regulations GB/T 26572 & SJ/T 11364-2014 | Regulation (EC) N° 1907/2006 Compliance with the following lists is based on our knowledges and on the current available information from our suppliers. | | |
| | Compliance | Exemptions (Please check nota 2) | Compliance | SVHC candidate, list of the January 24th, 2024 | Annex XIV compliance | Annex XVII compliance, list of December 12th 2023 |
| Switches | | | | | | |
| A (Rotary) | Yes | without | Yes | None | Yes | Yes |
| A (Snap-acting) | Yes | 8(b) &/or 8(b)-1 on F3 & C2 ratings | Yes ⁽¹⁾ | Cadmium and its compounds | Yes | Yes |
| A (Switchlock) | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| AP | Yes | without | Yes | None | Yes | Yes |
| ATP | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| ATS | Yes | without | Yes | None | Yes | Yes |
| AYZ | Yes | without | Yes | None | Yes | Yes |
| BD | Yes | without | Yes | None | Yes | Yes |
| BPA | Yes | without | Yes | None | Yes | Yes |
| CA | Yes | without | Yes | None | Yes | Yes |
| CA illuminated version | Yes | without | Yes | None | Yes | Yes |
| CD | Yes | without | Yes | None | Yes | Yes |
| CG | Yes | without | Yes | None | Yes | Yes |
| CL | Yes | without | Yes | None | Yes | Yes |
| CM | Yes | without | Yes | None | Yes | Yes |
| CN | Yes | without | Yes | None | Yes | Yes |
| CR | Yes | without | Yes | None | Yes | Yes |
| CRD | Yes | without | Yes | None | Yes | Yes |
| CRE | Yes | without | Yes | Octamethylcyclotetrasiloxane (D4) < 0,2% | Yes | Yes |
| CS | Yes | without | Yes | None | Yes | Yes |
| D | Yes | without | Yes | None | Yes | Yes |
| D6 | Yes | without | Yes | None | Yes | Yes |
| DA | Yes | without | Yes | None | Yes | Yes |
| DC | Yes | without | Yes | None | Yes | Yes |
| DDS | Yes | without | Yes | None | Yes | Yes |
| DF | Yes | without | Yes | None | Yes | Yes |
| DGT | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| DM | Yes | without | Yes | None | Yes | Yes |
| DM illuminated version | Yes | without | Yes | None | Yes | Yes |
| DS (Detect) | Yes | without | Yes | None | Yes | Yes |
| DS (Snap-acting) | Yes | without | Yes | None | Yes | Yes |
| E (Rocker) | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| E (Toggle) | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| E010 | Yes | without | Yes | None | Yes | Yes |
| E020 | Yes | without | Yes | None | Yes | Yes |
| ED | Yes | without | Yes | None | Yes | Yes |
| EJ | Yes | without | Yes | None | Yes | Yes |
| ELUM | Yes | without | Yes | None | Yes | Yes |
| EP | Yes | without | Yes | None | Yes | Yes |
| ES | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| ET (Rocker) | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| ET (Toggle) | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| F (Pushbutton) | Yes | without | Yes | None | Yes | Yes |
| F (Rotary) | Yes | without | Yes | None | Yes | Yes |
| FDS | Yes | without | Yes | None | Yes | Yes |
| FDSD | Yes | without | Yes | None | Yes | Yes |
| FDSE | Yes | without | Yes | None | Yes | Yes |
| FL | Yes | without | Yes | None | Yes | Yes |
| FP | Yes | without | Yes | None | Yes | Yes |
| GP | Yes | without | Yes | None | Yes | Yes |
| GS | Yes | without | Yes | None | Yes | Yes |

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| GT | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| H (Rotary) | Yes | without | Yes | None | Yes | Yes |
| H (Switchlock) | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| HB | Yes | 8(b) &/or 8(b)-1 on B4, B6, F9 & X3 ratings | Yes ⁽¹⁾ | Cadmium and its compounds | Yes | Yes |
| HDD | Yes | without | Yes | None | Yes | Yes |
| HDP | Yes | without | Yes | None | Yes | Yes |
| HDS | Yes | without | Yes | None | Yes | Yes |
| HDT | Yes | without | Yes | None | Yes | Yes |
| HP | Yes | without | Yes | None | Yes | Yes |
| HS | Yes | without | Yes | None | Yes | Yes |
| HW | Yes | without | Yes | None | Yes | Yes |
| ILS | Yes | without | Yes | None | Yes | Yes |
| ITS | Yes | without | Yes | None | Yes | Yes |
| JS | Yes | without | Yes | None | Yes | Yes |
| JSM | Yes | without | Yes | None | Yes | Yes |
| JSX | Yes | without | Yes | None | Yes | Yes |
| K12 | Yes | without | Yes | None | Yes | Yes |
| K12C & K12CF | Yes | without | Yes | Imidazolidine-2-thione < 1% | Yes | Yes |
| K12SA | Yes | without | Yes | None | Yes | Yes |
| K12SB | Yes | without | Yes | decamethylcyclopentasiloxane (D5) < 0,5% | Yes | Yes |
| K12SC | Yes | without | Yes | None | Yes | Yes |
| K12SD | Yes | without | Yes | decamethylcyclopentasiloxane (D5) < 0,5% | Yes | Yes |
| K12SE | Yes | without | Yes | None | Yes | Yes |
| K12SF | Yes | without | Yes | decamethylcyclopentasiloxane (D5) < 0,5% | Yes | Yes |
| K12SG | Yes | without | Yes | None | Yes | Yes |
| K12SH | Yes | without | Yes | decamethylcyclopentasiloxane (D5) < 0,5% | Yes | Yes |
| K5AT | Yes | without | Yes | None | Yes | Yes |
| K5G | Yes | without | Yes | None | Yes | Yes |
| K5V | Yes | without | Yes | None | Yes | Yes |
| K6 | Yes | without | Yes | None | Yes | Yes |
| K8 | Yes | without | Yes | None | Yes | Yes |
| KBD | Yes | without | Yes | None | Yes | Yes |
| KDS | Yes | without | Yes | None | Yes | Yes |
| KLS | Yes | without | Yes | None | Yes | Yes |
| KM | Yes | without | Yes | None | Yes | Yes |
| KMR | Yes | without | Yes | None | Yes | Yes |
| KMS | Yes | without | Yes | None | Yes | Yes |
| KMT | Yes | without | Yes | None | Yes | Yes |
| KS | Yes | without | Yes | None | Yes | Yes |
| KSA | Yes | without | Yes | None | Yes | Yes |
| KSA Buttons | Yes | without | Yes | None | Yes | Yes |
| KSB | Yes | without | Yes | None | Yes | Yes |
| KSC | Yes | without | Yes | None | Yes | Yes |
| KSD | Yes | without | Yes | None | Yes | Yes |
| KSE | Yes | without | Yes | None | Yes | Yes |
| KSF | Yes | without | Yes | None | Yes | Yes |
| KSFI | Yes | without | Yes | None | Yes | Yes |
| KSH | Yes | without | Yes | None | Yes | Yes |
| KSI | Yes | without | Yes | None | Yes | Yes |
| KSJ | Yes | without | Yes | None | Yes | Yes |

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| KSL | Yes | without | Yes | None | Yes | Yes |
| KSM | Yes | without | Yes | None | Yes | Yes |
| KSR | Yes | without | Yes | None | Yes | Yes |
| KSS | Yes | without | Yes | None | Yes | Yes |
| KST | Yes | without | Yes | None | Yes | Yes |
| KSU | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| KSV | Yes | without | Yes | None | Yes | Yes |
| KT | Yes | without | Yes | None | Yes | Yes |
| KXT | Yes | without | Yes | None | Yes | Yes |
| L | Yes | without | Yes | None | Yes | Yes |
| LC | Yes | without | Yes | None | Yes | Yes |
| LCA | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| LCB | Yes | without | Yes | None | Yes | Yes |
| LCS | Yes | without | Yes | None | Yes | Yes |
| LP | Yes | without | Yes | None | Yes | Yes |
| M | Yes | without | Yes | None | Yes | Yes |
| MD | Yes | without | Yes | None | Yes | Yes |
| MDP | Yes | without | Yes | None | Yes | Yes |
| MDP Buttons | Yes | without | Yes | None | Yes | Yes |
| MDS | Yes | without | Yes | None | Yes | Yes |
| MM | Yes | without | Yes | None | Yes | Yes |
| MPS | Yes | without | Yes | None | Yes | Yes |
| MS | Yes | without | Yes | None | Yes | Yes |
| Nano T | Yes | without | Yes | None | Yes | Yes |
| NE18 | Yes | without | Yes | None | Yes | Yes |
| NP | Yes | without | Yes | None | Yes | Yes |
| OS | Yes | without | Yes | None | Yes | Yes |
| P | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| PB | Yes | without | Yes | None | Yes | Yes |
| PCM | Yes | without | Yes | None | Yes | Yes |
| PF | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| PHB | Yes | without | Yes | None | Yes | Yes |
| PL | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| PLP | Yes | without | Yes | None | Yes | Yes |
| PN | Yes | without | Yes | None | Yes | Yes |
| PNP | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| PPE | Yes | without | Yes | None | Yes | Yes |
| PS | Yes | 8 (b) | Yes ⁽⁴⁾ | Cadmium and its compounds | Yes | Yes |
| PT | Yes | 6c & 8(b) &/or 8(b)-1 | Yes ⁽¹⁾ | Lead in copper alloy < 4% Cadmium and its compounds | Yes | Yes |
| PTS | Yes | without | Yes | None | Yes | Yes |
| PVA | Yes | without | Yes | None | Yes | Yes |
| PVA Buttons | Yes | without | Yes | None | Yes | Yes |
| PVB | Yes | without | Yes | None | Yes | Yes |
| QFPF | Yes | without | Yes | None | Yes | Yes |
| QFPS | Yes | without | Yes | None | Yes | Yes |
| QHPS | Yes | without | Yes | None | Yes | Yes |
| R | Yes | without | Yes | None | Yes | Yes |
| RB | Yes | without | Yes | None | Yes | Yes |
| RBG | Yes | without | Yes | None | Yes | Yes |
| RKA | Yes | without | Yes | None | Yes | Yes |
| RKB | Yes | without | Yes | None | Yes | Yes |
| RKC | Yes | without | Yes | None | Yes | Yes |
| RM | Yes | without | Yes | None | Yes | Yes |
| RS | Yes | without | Yes | None | Yes | Yes |

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| RTA | Yes | without | Yes | None | Yes | Yes |
| RTE | Yes | without | Yes | None | Yes | Yes |
| RTF | Yes | without | Yes | None | Yes | Yes |
| S | Yes | without | Yes | None | Yes | Yes |
| SAN | Yes | without | Yes | None | Yes | Yes |
| SD | Yes | without | Yes | None | Yes | Yes |
| SDA | Yes | without | Yes | None | Yes | Yes |
| SDP | Yes | without | Yes | None | Yes | Yes |
| SDS | Yes | without | Yes | None | Yes | Yes |
| SDT | Yes | without | Yes | None | Yes | Yes |
| SK | Yes | without | Yes | None | Yes | Yes |
| SL | Yes | without | Yes | None | Yes | Yes |
| SPA | Yes | without | Yes | None | Yes | Yes |
| Spring Electrical Contact | Yes | without | Yes | None | Yes | Yes |
| SS | Yes | without | Yes | None | Yes | Yes |
| SSW | Yes | without | Yes | None | Yes | Yes |
| SW | Yes | without | Yes | None | Yes | Yes |
| T (Rocker) | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| T (Toggle) | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| TDA | Yes | without | Yes | None | Yes | Yes |
| TDD | Yes | without | Yes | None | Yes | Yes |
| TDP | Yes | without | Yes | None | Yes | Yes |
| TF | Yes | 8(b) &/or 8(b)-1 on H3, J3, J6, K6 & L3 ratings | Yes ⁽¹⁾ | Cadmium and its compounds | Yes | Yes |
| TF2 | Yes | without | Yes | None | Yes | Yes |
| TF3 | Yes | without | Yes | None | Yes | Yes |
| TFS | Yes | without | Yes | None | Yes | Yes |
| THB | Yes | without | Yes | None | Yes | Yes |
| TL | Yes | without | Yes | None | Yes | Yes |
| TM | Yes | without | Yes | None | Yes | Yes |
| TP | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| TS | Yes | without | Yes | None | Yes | Yes |
| V | Yes | without | Yes | None | Yes | Yes |
| Y | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| YF | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| YL | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| YM | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| ZM | Yes | without | Yes | None | Yes | Yes |
| ZMA | Yes | without | Yes | None | Yes | Yes |
| ZMS | Yes | without | Yes | None | Yes | Yes |
| ZMSM | Yes | without | Yes | None | Yes | Yes |
| ZMT | Yes | without | Yes | None | Yes | Yes |
| ZPA | Yes | without | Yes | None | Yes | Yes |
| 3 | Yes | without | Yes | None | Yes | Yes |
| 1000 | Yes | without | Yes | None | Yes | Yes |
| 3000 (Toggle) | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| 7000 (Rocker) | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| 7000 (Toggle) | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| 8020 | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| 8060 | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| 8500 | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| 8600 | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| 8700 | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |

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| 9000 (Rocker) | Yes | 6(a) &/or 6(a)-1, 6(c) & 8(b) &/or 8(b)-1 ⁽³⁾ | Yes ⁽¹⁾ | Lead in steel < 0,35% Lead in copper alloy < 4% Cadmium and its compounds | Yes | Yes |
| 9000 (Toggle) | Yes | 6(a) &/or 6(a)-1, 6(c) & 8(b) &/or 8(b)-1 ⁽³⁾ | Yes ⁽¹⁾ | Lead in steel < 0,35% Lead in copper alloy < 4% Cadmium and its compounds | Yes | Yes |
| Smart card connectors | | | | | | |
| CCM01 | Yes | without | Yes | None | Yes | Yes |
| CCM01 with metal pegs (reinforced versions) | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| CCM02 | Yes | without | Yes | None | Yes | Yes |
| CCM02 with metal pegs (reinforced versions) | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| CCM03 | Yes | without | Yes | None | Yes | Yes |
| CCM04 | Yes | without | Yes | None | Yes | Yes |
| CCM05 | Yes | without | Yes | None | Yes | Yes |
| Space and High Reliability Connectors | | | | | | |
| DM | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| DMA | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| DMA-FO | Yes | without | Yes | None | Yes | Yes |
| DJ | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| D-Sub Accessories BR | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| D-Sub Accessories | Yes | without | Yes | None | Yes | Yes |
| DMA contacts | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| INTERPOSER | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| Power contacts | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| Coaxial contacts | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| MDB | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| MDM | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| MDMA | Yes | without | Yes | None | Yes | Yes |
| MDMA contacts | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |
| Micro-D Accessories | Yes | without | Yes | None | Yes | Yes |
| MTB | Yes | 6(c) | Yes ⁽¹⁾ | Lead in copper alloy < 4% | Yes | Yes |

(1) : Product with declarable substances. Please contact us for details at the following e-mail address.

(2) WARNING : Exemptions according to the Directive 2011/65/EU (EU RoHS 2), Annexes III and IV.

C&K switches can be used in any Rohs categories : Please check the validities of the exemptions depending on the category of your application.

(3) : Exemption 8(b) &/or 8(b)-1 only for versions with Z4 Terminals

(4) : Exemption 8(b) &/or 8(b)-1 only for product PS-1212-F

These electro-mechanical components have to be integrated in electrical devices, so specific marking is not required on our products.

If you require more information, please don't hesitate to contact us at the following e-mail address:

EnvRequests-CK@littelfuse.com

Approved by:

Laurent KUBAT
Europe R&D Director