

Subject: RoHS EXEMPTIONS – Addendum to EU Declaration

| Table 1. Residual Current Circuit Breakers (RCCBs) | |
|--|---|
| Substance/Substance Group Name: Lead and its compounds | |
| Electronic component/s mounted inside trip units of F202-204 series Metal component/s mounted inside trip units of F202-204 series Metal component/s mounted inside trip units of F400 series Metal component/s mounted inside trip units of Basic M-BMF series Electronic component/s mounted inside trip units of Basic M-BMF series Electronic component/s mounted inside trip units of FH200 series Metal component/s mounted inside trip units of FH200 series Electronic component/s mounted inside trip units of FX202-FX204 Metal component/s mounted inside trip units of FX202-FX204 | |
| Exemption | 6a – Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0,35% lead by weight |
| Exemption | 7a - Lead in high melting temperature type solders (i.e. lead based alloys containing 85 % by weight or more lead) 7(c)-I - Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound |

| Table 2. Residual Current Devices (RCDs) | |
|--|---|
| Substance/Substance Group Name: Lead and its compounds | |
| Electronic component/s mounted inside trip units of DDA 200 series Metal component/s mounted inside trip units of DDA 200 series Electronic component/s mounted inside trip units of DDA 800 series Metal component/s mounted inside trip units of DDA 800 series | |
| Exemption | 6a – Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0,35% lead by weight |
| Exemption | 7a - Lead in high melting temperature type solders (i.e. lead based alloys containing 85 % by weight or more lead) 7(c)-I - Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound |

| Table 3. Residual Current Circuit Breaker with Overcurrent protection (RCBO) | |
|--|--|
| Substance/Substance Group Name: Lead and its compounds | |
| Metal component/s mounted inside trip units of DS201 series Electronic component/s mounted inside trip units of DS201 series Metal component/s mounted inside trip units of DS202 series Electronic component/s mounted inside trip units of DS202 series Metal component/s mounted inside trip units of DS203NC series Electronic component/s mounted inside trip units of DS203NC series Metal component/s mounted inside trip units of DS301 series Electronic component/s mounted inside trip units of DSE201 series Metal component/s mounted inside trip units of DSX301C Metal component/s mounted inside trip units of DSX203NC series Electronic component/s mounted inside trip units of DSX203NC series | |
| Exemption | 6a – Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0,35% lead by weight |
| Exemption | 7a - Lead in high melting temperature type solders (i.e. leadbased alloys containing 85 % by weight or more lead) 7(c)-I - Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound |

| Table 4. Arc Fault Detection Device integrated with MCB | |
|---|---|
| Substance/Substance Group Name: Lead and its compounds | |
| Metal component/s mounted inside trip units of S-ARC1 Metal component/s mounted inside trip units of SX-ARC1 | |
| Exemption | 6c – Copper alloys containing up to 4 % lead by weight |

| Table 5. Energy Meters EV1 and EV3 012-100 | |
|--|---|
| Substance/Substance Group Name: Lead and its compounds | |
| Metal component/s mounted inside of Meter | |
| Exemption | 6c – Copper alloys containing up to 4 % lead by weight |

| Table 6. Busbars & DIN-Rail Accessories | |
|---|---|
| Substance/Substance Group Name: Lead and its compounds | |
| Metal component/s mounted inside trip units of S2C series | |
| Exemption | 6c – Copper alloys containing up to 4 % lead by weight |

| Table 7. Accessories for RCDs | |
|--|---|
| Substance/Substance Group Name: Lead and its compounds | |
| Metal component/s mounted inside trip units of F2C-A2 series | |
| Exemption | 6c – Copper alloys containing up to 4 % lead by weight |

| Table 8. Modular sockets | |
|---|---|
| Substance/Substance Group Name: Lead and its compounds | |
| Metal component/s mounted inside trip units of M1174 series | |
| Exemption | 6c – Copper alloys containing up to 4 % lead by weight |

| Table 9. Modular Transformer | |
|--|---|
| Substance/Substance Group Name: Lead and its compounds | |
| Metal component/s mounted inside trip units of TS-C; TM; TS series | |
| Exemption | 6a – Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0,35% lead by weight |

| Table 10. Current Transformer | |
|--|---|
| Substance/Substance Group Name: Lead and its compounds | |
| Metal component/s mounted inside trip units of CT series | |
| Exemption | 6c – Copper alloys containing up to 4 % lead by weight |

| Table11. Miniature Circuit Breaker Accessories | |
|---|---|
| Substance/Substance Group Name: Lead and its compounds | |
| Metal component/s mounted inside trip units of S2-Hxx FS series | |
| Exemption | 6a – Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0,35% lead by weight |
| Exemption | 6c – Copper alloys containing up to 4 % lead by weight |

| Table 12. ABB Vynckier Autoreclosing device RCCB | |
|--|---|
| Substance/Substance Group Name: Lead and its compounds | |
| Metal component/s mounted inside trip units of TeleREC2 series | |
| Exemption | 6a – Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0,35% lead by weight |

| Table 13. Digital Voltmeter/Digital Ammeter VLMD - AMTD | |
|--|---|
| Substance/Substance Group Name: Lead and its compounds | |
| Metal component/s mounted inside of Measuring instruments | |
| Exemption | 6c – Copper alloys containing up to 4 % lead by weight |

| Table 14. Fuse disconnectors | |
|--|--|
| Substance/Substance Group Name: Lead and its compounds | |
| Electronic component/s mounted inside of E90/s | |
| Exemption | 7(c)-I - Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound |

| Table 15. Miniature circuit breakers for overcurrent protection | |
|--|---|
| Substance/Substance Group Name: Lead and its compounds | |
| Metal component/s mounted inside trip units of AC22. | |
| Exemption | 6a – Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0,35% lead by weight |

| Table 16. Current Operated Circuit Breakers with Integral Overcurrent | |
|--|---|
| Substance/Substance Group Name: Lead and its compounds | |
| Metal component/s mounted inside trip units of DC22. | |
| Exemption | 6a – Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0,35% lead by weight |

| Table 17. Miniature Circuit Breaker MCBs S280 FS - S280UC FS | |
|---|---|
| Substance/Substance Group Name: Lead and its compounds | |
| Metal component/s mounted inside trip units of S280 series. | |
| Exemption | 6a – Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0,35% lead by weight |

| Table 18. Front panel residual current relays | |
|--|--|
| Substance/Substance Group Name: Lead and its compounds | |
| Metal component/s mounted inside trip units of ELR series. | |
| Exemption | 8b - Cadmium and its compounds in electrical contacts |

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ABB S.p.A. – ELSB, Vittuone, 29th April 2024