RoHS Directive 2011/65/EU and amendment (EU) 2015/863

The RoHS Directive 2011/65/EU prevents all new electrical and electronic equipment (EEE) placed on the market in the European Economic Area from containing lead, mercury, cadmium, hexavalent chromium, poly-brominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE), except in certain specific applications, in concentrations greater than the values decided by the European Commission. These values have been established as 0.01% by weight per homogeneous material for cadmium and 0.1% for the other five substances.

With the RoHS directive 2011/65/EU (also called RoHS 2), there is a requirement for CE Marking of EEE to attest conformity with RoHS. As part of RoHS Directive 2011/65/EU, all EEE within the scope of the directive must be CE marked and include reference to RoHS Directive 2011/65/EU on the declaration of conformity.

An amendment (EU) 2015/863 to RoHS Directive 2011/65/EU adds four substances to the original six. These are Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP), and Dibutyl phthalate (DBP). All limited to 0.1% by weight. The four new substances are restricted from July 22, 2019. However, EEE in Category 9 (monitoring and control equipment) has an additional two years to comply by July 22, 2021. Some ADC suppliers are taking advantage of this exemption. Note: The amendment (EU) 2015/863 is often mistakenly referred to as “RoHS 3”. Actually, any new RoHS 3 directive is unlikely to take effect before mid-2024 at the earliest due to typical cycle of negotiations and transposition time where each Member State brings forward their domestic laws.

ADC products that have the CE mark will have a Declaration of Conformity that includes the RoHS Directive 2011/65/EU. All Declarations of Conformity are available from our website www.AutomationDirect.com.