

Servo System Product Compliance with the EU RoHS2 Directive

Thank you very much for your continuing support. Please see below information regarding applicable products and schedules for Servo Systems Division compliance with the EU RoHS 2 directive.

1. Guidelines of EU RoHS2 Directives

Restricted Substances

By the Directive of 2015/863 (RoHS2 Directive), the revised "Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment", added 4 substances as shown in Table 1.

Table 1: EU RoHS Restricted Substances

	Restricted Substances
Current Restrictions (6 Substances)	Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent chromium (Cr6+), Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE)
Added Restrictions (4 Substances)	Bis (2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP)

2. Applicable products of the Servo System Divisions and compliance schedule

Table 2 below shows the types of our products and their corresponding implementation schedule for RoHS2 Directive compliance.

Table 2: Product types and implementation schedule

Applicable products		Implementation date
Product types	Series Name	
Stepping motor	103H, 103F, 103M Series SF, SH, SL, SM, SP, SS Series	Production from August 2020
PB motor	PBM, PBL Series	
AC servo motor	P, Q, R Series	
DC servo motor	T, K Series	
Stepping, PB Driver	BS, US, FS Series F2 - F5 Series PM Series PB1 - PB4 Series (Including options such as cable, etc.)	
	AC servo amplifier	
DC servo amplifier	TS1 Series (Including options such as cable, etc.)	
Host device	CP232, SANMOTION SMC26x, SANMOTION S100 Series (Including options such as extension module, peripheral devices, software, cable, etc.)	

- Products which will be discontinued by July 2021 are not applicable to the compliance implementation for the 4 added restrictions.
- Please contact us by the contact form in the website or our sales representative if you have any question regarding RoHS2 compliant products and discontinued (EOL) products.