

致相关负责人

有关有害物质和环保使用期限标志的信息：

依据

“电器电子产品有害物质限制使用标识要求（SJ/T 11364-2024）”

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WEEE 注册号: DE 23691322

SIEMENS

SIMATIC HMI:

HMI Basic Panel 精简面板:

6AV6647-...	第一代
6AV2123-2...	第二代
6AV2123-3...	Unified 精简面板

HMI Comfort Panel 精智面板:

6AV2124-...	第一代
6AV2128-3...	Unified 精智面板

Industrial Thin Client 工业瘦客户端:

6AV6646-...

HMI Push Button Panel 按钮面板:

6AV3688-3CD13-0AX0	PP17I
6AV3688-3ED13-0AX0	PP17II
6AV3688-3AY36-0AX0	KP8
6AV3688-3AF37-0AX0	KP8F
6AV3688-3EH47-0AX0	KP32F
6AV2127-1AB00-0LX1	KP8 PN LX

HMI Mobile Panel 移动面板:

6AV6645-...	第一代
6AV2125-...	第二代

 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
机械装配件 (塑料部件)	○	○	○	○	○	○	○	○	○	○
机械装配件 (金属部件)	○	○	○	○	○	○	○	○	○	○
装配的印刷电路板 (PCBA)	×	○	○	○	○	○	○	○	○	○
显示屏	×	○	○	○	○	○	○	○	○	○
电缆	×	○	○	○	○	○	○	○	○	○
如有										
金属外壳 (仅限 HMI 精智面板)	×	○	○	○	○	○	○	○	○	○
 如有										
不带显示屏 (仅限 HMI 按键式面板)	×	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

Industrial Flat Panel 工业平板显示屏

6AV7861-1...	SIMATIC Flat Panel 12" (平板显示器 12 英寸)
6AV7861-2...	SIMATIC Flat Panel 15" (平板显示器 15 英寸)
6AV7861-5...	SIMATIC Flat Panel 15" Pro IP65 (平板显示器 15 英寸 Pro IP65)
6AV7861-6...	SIMATIC Flat Panel 19" Pro IP65 (平板显示器 19 英寸 Pro IP65)
6AV7285-6NH...	SIMATIC Flat Panel 12" Hygienic
6AV7285-6HH...	SIMATIC Flat Panel 15" Hygienic
6AV7285-6KH...	SIMATIC Flat Panel 19" Hygienic
6AV7285-6LH...	SIMATIC Flat Panel 22" Hygienic

	部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
	机械装配件 (塑料部件)	○	○	○	○	○	○	○	○	○	○
	机械装配件 (金属部件)	○	○	○	○	○	○	○	○	○	○
	装配的印刷电路板 (PCBA)	×	○	○	○	○	○	○	○	○	○
	显示屏	×	×	○	○	○	○	○	○	○	○
	电缆	×	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。											

HMI 扩展单元 (全防护 Pro 型)

6AV7674-... 扩展单元 (全防护 Pro 型)

	部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
	机械装配件 (塑料部件)	○	○	○	○	○	○	○	○	○	○
	机械装配件 (金属部件)	×	○	○	○	○	○	○	○	○	○
	装配的印刷电路板 (PCBA)	×	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。											

可充电的电池组（仅用于 HMI 移动面板）：

6AV6671-5AD00-0AX0

6AV6671-5CL00-0AX0



电源组（仅用于 HMI 移动面板）：

6AV6671-5CN00-0AX3

6AV2181-5AL60-0AX0

 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴 联苯 (PBB)	多溴 二苯醚 (PBDE)	邻苯二 甲酸二 (2-乙 基)己酯 (DEHP)	邻苯二 甲酸丁 苯酯 (BBP)	邻苯二 甲酸二 正丁酯 (DBP)	邻苯二 甲酸二 异丁酯 (DIBP)
机械装配件 (塑料部件)	○	○	○	○	○	○	○	○	○	○
机械装配件 (金属部件)	×	○	○	○	○	○	○	○	○	○
装配的印刷电路板 (PCBA)	×	○	○	○	○	○	○	○	○	○
注 1：○：表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×：表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2：以上未列出的部件，表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

电缆：
6AV2181-5AF... KTPX00(F) 移动面板适用的电缆
6XV1440-... 移动面板适用
6ED1057-1... SIMATIC Flat Panel 工业平板电缆

							邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)				
带/不带连接器	×	○	○	○	○	○	○	○	○	○
注 1：○：表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×：表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2：以上未列出的部件，表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

SIMATIC IPC:

机架式 PC:

6AG4012-0...	SIMATIC IPC347D
6AG4012-1...	SIMATIC IPC347E
6AG4012-2...	SIMATIC IPC347G

6AG4104-3...	SIMATIC IPC547E
6AG4104-4...	SIMATIC IPC547G
6AG4104-5...	SIMATIC IPC547J
6AG4112-1...	SIMATIC IPC647C
6AG4112-2...	SIMATIC IPC647D
6AG4112-3...	SIMATIC IPC647E
6AG4114-1...	SIMATIC IPC847C
6AG4114-2...	SIMATIC IPC847D
6AG4114-3...	SIMATIC IPC847E

6BK1801-1...	SIMATIC IPC1047E
6AG4103-6...	SIMATIC IPC RC-545A
6AG4104-6...	SIMATIC IPC RW-545A
6AG4105-6...	SIMATIC IPC RS-545A
6AG4102-0...	SIMATIC IPC RS-828A
6AG4011-3...	SIMATIC IPC RW-543A
6AG4011-4...	SIMATIC IPC RW-543B
6AG4012-4...	SIMATIC IPC RC-543B
6AG4112-4...	SIMATIC IPC RW-528A
6AG4114-4...	SIMATIC IPC RW-548A

面板式 PC:

6AV7200-...	SIMATIC HMI Panel PC Ex
6AV7250-...	SIMATIC IPC477D PRO
6AV7251-...	SIMATIC IPC477E PRO
6AV7240-...	SIMATIC IPC477D
6AV7241-...	SIMATIC IPC477E
6AV7242-...	SIMATIC IPC PX-39A
6AV7252-...	SIMATIC IPC PX-39A PRO
6AV7272-...	SIMATIC IPC PX-32A
6AV7881-0	SIMATIC IPC277D (Nanopanel PC)
6AV7882-0...	SIMATIC IPC277E (Nanopanel PC)
6AV7886-0...	SIMATIC IPC277G (Nanopanel PC)
6AV7886-1...	SIMATIC IPC277G PRO
6AV789.-	SIMATIC IPC677C
6AV7260-...	SIMATIC IPC677D
6AV7261-...	SIMATIC IPC677E

箱式 PC:

6ES7647-8A...	SIMATIC IPC227D Nanobox
6ES7647-8B...	SIMATIC IPC227E Nanobox
6ES7647-8C...	SIMATIC IPC227G Nanobox
6ES7647-0J...	SIMATIC IPC520A
6ES7647-0JC...	SIMATIC IPC BX-35A
6AG4140-...	SIMATIC IPC427D
6AG4141-...	SIMATIC IPC427E
6AG4142-...	SIMATIC IPC BX-39A

6AG4152-...	SIMATIC IPC BX-32A
6AG4132-0...	SIMATIC IPC BX-56A
6AG4133-0...	SIMATIC IPC BX-59A
6ES7647-6C...	SIMATIC IPC627C
6AG4131-2...	SIMATIC IPC627D
6AG4131-3...	SIMATIC IPC627E
6ES7647-6P...	SIMATIC IPC827C
6AG4132-2...	SIMATIC IPC827D
6AG4026-0....-...1	SIMATIC BX-53A
6AG4026-1...	SIMATIC BX-53B

 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
机械装配件 (塑料部件)	○	○	○	○	○	○	○	○	○	○
机械装配件 (金属部件)	○	○	○	○	○	○	○	○	○	○
装配的印刷电路板 (PCBA)	×	○	○	○	○	○	○	○	○	○
风扇	×	○	○	○	○	○	○	○	○	○
缓冲电池	○	○	○	○	○	○	○	○	○	○
 如有 *										
固态存储	×	○	○	○	○	○	○	○	○	○
机械硬盘	×	○	○	○	○	○	○	○	○	○
 如有 *										
显示屏 (仅限面板式 PC)	×	○	○	○	○	○	○	○	○	○
 如有 *										
光驱机 (ODD)	×	○	○	○	○	○	○	○	○	○
 如有 *										
电源	×	○	○	○	○	○	○	○	○	○
 如有 *										
网卡	×	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

* 如果在如有部件的环保使用期限期满之后更换之, 则可满足长达 50 年的综合环保使用期限

工业平板显示屏:

6AV7863-...	SIMATIC Industrial Flat Panel
6AV7861-3...	SIMATIC Flat Panel 19"
6AV7862-2B...-0...	SIMATIC Basic IFP
6AV7862-2B...-2...	SIMATIC HMI Industrial Monitors IM-3xxA

箱式 PC

6AG4022-0A...	SIMATIC IPC327E
6AG4022-0B...	SIMATIC IPC327G
6AG4025-...	SIMATIC IPC527G

面板式 PC

6AV7230-...	SIMATIC IPC377E
6AV7231-0...	SIMATIC IPC377G

 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
机械装配件 (塑料部件)	○	○	○	○	○	○	○	○	○	○
机械装配件 (金属部件)	○	○	○	○	○	○	○	○	○	○
装配的印刷电路板 (PCBA)	×	○	○	○	○	○	○	○	○	○
缓冲电池 (不包括工业平板显示屏)	○	○	○	○	○	○	○	○	○	○
电缆	○	○	○	○	○	○	○	○	○	○
 如有 *										
固态存储 (Solid State Memory)	×	○	○	○	○	○	○	○	○	○
 如有 *										
12" 显示屏 (限面板式 PC)	×	○	○	○	○	○	○	○	○	○
15" 显示屏 (限面板式 PC)	×	○	○	○	○	○	○	○	○	○
19" 显示屏 (限面板式 PC)	○	○	○	○	○	○	○	○	○	○
22" 显示屏 (限面板式 PC)	×	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

* 如果在如有部件的环保使用期限期满之后更换之, 则可满足长达 50 年的综合环保使用期限

箱式 PC:
6AG4021-0A.1-...0 SIMATIC IPC127E
6AG4021-0B.00-.A.. SIMATIC IPC BX-21A

							邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)				
机械装配件 (塑料部件)	○	○	○	○	○	○	○	○	○	○
机械装配件 (金属部件)	○	○	○	○	○	○	○	○	○	○
装配的印刷电路板(PCBA)	x	○	○	○	○	○	○	○	○	○
缓冲电池	○	○	○	○	○	○	○	○	○	○
固态存储	x	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

便携式平板 PC:

6AV7880-...

SIMATIC IPC MD-34A

 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
机械装配件 (塑料部件)	○	○	○	○	○	○	○	○	○	○
机械装配件 (金属部件)	○	○	○	○	○	○	○	○	○	○
装配的印刷电路板 (PCBA)	×	○	○	○	○	○	○	○	○	○
显示屏	×	○	○	○	○	○	○	○	○	○
风扇	×	○	○	○	○	○	○	○	○	○
如有										
摄像头	×	○	○	○	○	○	○	○	○	○
如有: 电源										
机械装配件 (塑料部件)	○	○	○	○	○	○	○	○	○	○
装配的印刷电路板 (PCBA)	×	○	○	○	○	○	○	○	○	○
电缆	○	○	○	○	○	○	○	○	○	○
如有: 条形码读取器										
机械装配件 (塑料部件)	○	○	○	○	○	○	○	○	○	○
机械装配件 (金属部件)	×	○	○	○	○	○	○	○	○	○
装配的印刷电路板 (PCBA)	×	○	○	○	○	○	○	○	○	○
电缆	○	○	○	○	○	○	○	○	○	○
光学及光学组件	×	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

便携式平板 PC 扩展坞 6AV7676-1...

 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
机械装配件 (塑料部件)	○	○	○	○	○	○	○	○	○	○
机械装配件 (金属部件)	○	○	○	○	○	○	○	○	○	○
装配的印刷电路板 (PCBA)	×	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

便携式平板 PC 电源: 6AV7676-2...

 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
机械装配件 (塑料部件)	○	○	○	○	○	○	○	○	○	○
机械装配件 (金属部件)	○	○	○	○	○	○	○	○	○	○
装配的印刷电路板 (PCBA)	×	○	○	○	○	○	○	○	○	○
电缆	×	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

便携式平板 PC 电池充电器： 6AV7676-3AC0...

 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
机械装配件 (塑料部件)	○	○	○	○	○	○	○	○	○	○
装配的印刷电路板 (PCBA)	×	○	○	○	○	○	○	○	○	○
电缆	×	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

便携式平板 PC 电池组： 6AV7676-3AC1...

 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
SP205 电池组	×	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

便携式平板 PC 电源线 6ES7900-5...

 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
机械装配件 (塑料部件)	○	○	○	○	○	○	○	○	○	○
装配的印刷电路板 (PCBA)	×	○	○	○	○	○	○	○	○	○
电缆	×	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

便携式 PC:

6ES7717-... Field PG M5 (电池组除外)
 6ES7718-... Field PG M6 (电池组除外)
 6ES7730-... SIMATIC IPC MD-57A

 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
机械装配件 (塑料部件)	○	○	○	○	○	○	○	○	○	○
机械装配件 (金属部件)	×	○	○	○	○	○	○	○	○	○
装配的印刷电路板 (PCBA)	×	○	○	○	○	○	○	○	○	○
显示屏	×	○	○	○	○	○	○	○	○	○
固态存储	×	○	○	○	○	○	○	○	○	○
摄像头	×	○	○	○	○	○	○	○	○	○
电缆	×	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

SIMATIC PG 可替换电池组:

6ES7798-0AA08-0XA0 (Field PG M5)

 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
电池	○	○	○	○	○	○	○	○	○	○
塑料外壳	○	○	○	○	○	○	○	○	○	○
电缆/接线	×	○	○	○	○	○	○	○	○	○
装配的印刷电路板 (PCBA)	×	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

SIMATIC PG 可替换电池组:
6ES7798-0AA10-0XA0 (Field PG M6)

 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
电池	○	○	○	○	○	○	○	○	○	○
连接器	○	○	○	○	○	○	○	○	○	○
印刷电路板 (PCBA)	×	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

SIMATIC IPC 电池组:
A5E30778864 (IPC847D)

 部件名称 (仅 Rack PC)	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
电池	×	○	○	○	○	○	○	○	○	○
金属外壳	○	○	○	○	○	○	○	○	○	○
电缆/接线	×	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

存储扩展:

6ES7648-2...	
A5E02562689	(547D)
A5E30344986	(547D)
A5E31443522	(547D)
A5E31782421	(347D)
A5E31782439	(347D)
A5E52512465	(347G)
A5E41040504	(1047E)
A5E47484637	(1047E)
A5E50728843	(1047E)
A5E50728844	(1047E)
A5E49837019	(227G/277G)
A5E49837041	(227G/277G)
A5E35483747	(527G)

 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苯酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
装配的印刷电路板 (PCBA)	×	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

SIMATIC IoT2000:

6ES7647-0AA00-0YA2	IoT2020
6ES7647-0AA00-1YA2	IoT2040
6ES7647-0BA00-0YA2	IoT2050 Basic
6ES7647-0BA00-1YA2	IoT2050 Advanced
6ES7647-0BB00-1YA2	IoT2050 M.2
6ES7647-0CA00-1AA2	IoT2050 SM
6ES7647-0CW00-1AA2	IoT2050 SM Industrial Edge
6ES7647-0BW00-1YA2	IoT2050 Edge
6ES7647-0BA20-0SP2	IoT2050 Starter Kit

 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
机械装配件 (塑料部件)	○	○	○	○	○	○	○	○	○	○
机械装配件 (金属部件)	○	○	○	○	○	○	○	○	○	○
装配的印刷电路板 (PCBA)	×	○	○	○	○	○	○	○	○	○
缓冲电池	○	○	○	○	○	○	○	○	○	○
如有										
电缆 (IoT2050 SM)	×	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

6ES7647-0KA01-0AA2	IoT2000 输入/输出模块
6ES7647-0KA02-0AA2	IoT2000 输入模块

 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
机械装配件 (塑料部件)	○	○	○	○	○	○	○	○	○	○
装配的印刷电路板 (PCBA)	×	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

SIMATIC ET 200 分布式 I/O:

ET 200pro:

6ES7154-...	接口模块, CPU
6ES714.-4...	扩展模块
6ES7194-4...	通信模块
6ES7513-2...	CPU
6ES7516-2...	CPU
ZNX:EIP200PRO	接口模块
ZNX:EIP200PROCM1	通信模块

ET 200AL:

– 6ES714.-5...	扩展模块
6ES7157-1...	接口模块
6ES7194-2CA00-0AA0	电源分配器
6ES7194-2AB00-0AA0	M8 连接器

ET 200ecoPN:

6ES714.-6...	扩展模块
6ES7194-6GA00-0AA0	导轨

ET 200eco:

6ES714.-3...	扩展模块
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ET 200clean:

6ES7141-7...	数字量输入模块
6ES7142-7...	数字量输出模块
6ES7143-7...	数字量输入/输出模块
6ES7146-7...	故障安全扩展模块
6ES7147-7...	工艺模块
6ES7148-7...	IO-Link 主站

ET 200S/ ET 200S 紧凑型模块:

6ES713.-4...	扩展模块
6ES7151-...	接口模块, CPU
6ES7193-4...	端子模块
ZNX:100000005188	接口模块
ZNX:EIP-200S	接口模块

ET 200SP 和 ET200SP 开放式控制器:

6ES713.-6...	扩展模块
6ES7155-6...	接口模块
6ES7510-1...	CPU
6ES7512-1...	CPU
6ES7514-2...	CPU
6ES7677-2...	开放式控制器
6ES7193-6A	总线适配器
6ES7193-6M...	导轨与基座
6ES7193-6B...	基本单元
6ES7193-6P...	服务器模块

6ES7545-5DA00-0AB0 CPU 通信模块

ET 200BL:

6ES7155-8...	接口模块
6ES7131-8...	数字量输入模块
6ES7132-8...	数字量输出模块
6ES7134-8...	模拟量输入模块
6ES7135-8...	模拟量输出模块
6ES7137-8...	通信模块
6ES7193-8SE00-1AB0	端盖
6ES7193-8ST00-1AN0	端子块

ET 200M:

6ES7153-...	IM 接口模块
6ES7195-1...	导轨

ET 200MP:

6ES7155-5...	IM 接口模块
6ES7590-1...	导轨

 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
机械装配件 (塑料部件)	○	○	○	○	○	○	○	○	○	○
机械装配件 (金属部件)	○	○	○	○	○	○	○	○	○	○
装配的印刷电路板 (PCBA)	×	○	○	○	○	○	○	○	○	○
如有										
补偿连接器 M12 (仅适用于 ET200pro)	×	○	○	○	○	○	○	○	○	○
如有										
塑封材料 (仅用于 ET200ecoPN)	○	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

电缆:

6ES7194-2L...	ET 200AL 电缆
6ES7194-2M...	电源或 ET-Connection 电缆
6ES7194-6KA00-0XA0	Y 型电缆
6ES7194-6KB00-0XA0	Y 型电缆
6ES7194-6KC00-0XA0	Y 型电缆

 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
连接器	×	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

编码元件

6ES7193-6K.00-3AA0	机械编码元件
6ES7-93-6E.00-1AA0	电子编码元件
6ES7194-6KB0.-0AA0	用于 ET200ecoPN F-IO 的电子编码插头

 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
机械装配件 (塑料部件)	○	○	○	○	○	○	○	○	○	○
机械装配件 (金属部件)	○	○	○	○	○	○	○	○	○	○
装配的印刷电路板 (PCBA)	×	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

Network Components 网络组件

6ES7972-0B...	总线连接器
6ES7972-0A...	中继器
6ES7972-0DA0...	终端电阻
6ES7158-...	耦合器
6ES7972-4...	电能导轨信号放大器

 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
机械装配件 (塑料部件)	○	○	○	○	○	○	○	○	○	○
机械装配件 (金属部件)	×	○	○	○	○	○	○	○	○	○
装配的印刷电路板 (PCBA)	×	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

SIMATIC S7 基本控制器和高级控制器:

S7-300:

6ES731...	CPU
6ES732...	数字量模块
6ES733...	模拟量模块
6ES734...	通讯处理模块
6ES735...	计数器模块
6ES7390-1...	导轨

S7-1500:

6ES750.-0...	电源模块
6ES751...	CPU
6ES752...	数字量模块
6ES753...	模拟量模块
6ES754.-1...	通信模块
6ES755...	工艺模块
6ES7590-0...	有源背板总线
6ES7590-1...	导轨
6ES7590-5...	屏蔽端子

S7-200 Classic:

6ES721.-...2.-...0	CPU
6ES722.-...2.-...0	数字量模块
6ES723.-...2.-...0	模拟量模块
6ES7274-...0.-...0	仿真器模块
6ES72...-AA22-0XA0	通信模块

S7-1200:

6ES721.-...3...	CPU
6ES721.-...4...	CPU
6ES721.-...5...	CPU
6ES722.-...3...	数字量模块
6ES722.-...5...	数字量模块
6ES723.-...3...	模拟量模块
6ES723.-...5...	模拟量模块
6ES724.-...3...	通信模块/板
6ES724.-...5...	通信模块/板
6ES7274-...3...	仿真器模块
6ES7278-...3...	I/O-Link 主站
6ES7297-...3...	电池板

Drive Controller:

6ES7615-...	CPU
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 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
机械装配件 (塑料部件)	○	○	○	○	○	○	○	○	○	○
机械装配件 (金属部件)	○	○	○	○	○	○	○	○	○	○
装配的印刷电路板 (PCBA)	×	○	○	○	○	○	○	○	○	○
如有										
电源连接器 – 螺钉型端子 (仅限 S7-1500 电源)	×	○	○	○	○	○	○	○	○	○
如有										
接地间隔件 (仅限 S7-1500 导轨)	×	○	○	○	○	○	○	○	○	○
如有										
端子块 (仅限 S7-200、S7-1200)	×	○	○	○	○	○	○	○	○	○
 如有 *										
S7-1500 CPU 的显示屏	×	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

* 如果在如有部件的环保使用期限期满之后更换之, 则可满足长达 50 年的综合环保使用期限

前连接器:

6ES7292-1... (S7-200/ S7-1200)

6ES7292-2...

6ES7292-4...

6ES7392-1... (S7-300)

6ES7592-1... (S7-1500)

 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
机械装配件 (塑料部件)	○	○	○	○	○	○	○	○	○	○
机械装配件 (金属部件)	×	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

PC/PPI 电缆:

6ES7901-3... S7-200 PC/PPI 电缆

 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
机械装配件 (塑料部件)	○	○	○	○	○	○	○	○	○	○
装配的印刷电路板 (PCBA)	×	○	○	○	○	○	○	○	○	○
连接器	×	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

电缆：
6ES7392-4... S7-300 电缆

 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
带连接器	×	○	○	○	○	○	○	○	○	○
注 1：○：表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×：表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2：以上未列出的部件，表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

S7 存储卡：
6ES7953... MMC 卡
6ES7954... SD 卡

 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
机械装配件 (塑料部件)	○	○	○	○	○	○	○	○	○	○
机械装配件 (金属部件)	○	○	○	○	○	○	○	○	○	○
印刷电路板组装成品 (PCBA)	×	○	○	○	○	○	○	○	○	○
注 1：○：表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×：表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2：以上未列出的部件，表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

LOGO!:

6ED105.-...

 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
机械装配件 (塑料部件)	○	○	○	○	○	○	○	○	○	○
机械装配件 (金属部件)	○	○	○	○	○	○	○	○	○	○
装配的印刷电路板 (PCBA)	×	○	○	○	○	○	○	○	○	○
 如有										
显示屏 (仅适用于 LOGO! 基本模块 及文字显示器)	×	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

电缆:

6ES7923-0B... S7-1500 I/O, ET 200SP, S7-1200, LOGO! 通用连接电缆

 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
带/不带连接器	×	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

Connection System 连接系统

6ES7924-... 连接模块

 部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)
机械装配件 (塑料部件)	○	○	○	○	○	○	○	○	○	○
机械装配件 (金属部件)	○	○	○	○	○	○	○	○	○	○
装配的印刷电路板 (PCBA)	×	○	○	○	○	○	○	○	○	○
注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注 2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										

ASIC:

6ES7195-0... ASPC 2, DPC 31, ERTEC 200P, SPC 2, SPC 3
6ES7195-3BE... Evaluation Board Kit – ERTEC 200P



To whom it may concern

Information of the Hazardous Substances and the Environmental-friendly
Use Period according to

“Labeling Requirement for the Restricted Use of Hazardous Substances in
Electrical and Electronic Products (SJ/T 11364-2024)”

SIMATIC HMI:

HMI Basic Panel:

6AV6647-...	1 st Generation
6AV2123-2...	2 nd Generation
6AV2123-3...	Unified Basic Panel

HMI Comfort Panel:

6AV2124-...	1 st Generation
6AV2128-3...	Unified Comfort Panel

Industrial Thin Client:

6AV6646-...

HMI Key Panel:

6AV3688-3CD13-0AX0	PP17I
6AV3688-3ED13-0AX0	PP17II
6AV3688-3AY36-0AX0	KP8
6AV3688-3AF37-0AX0	KP8F
6AV3688-3EH47-0AX0	KP32F
6AV2127-1AB00-0LX1	KP8 PN LX

HMI Mobile Panel:

6AV6645-...	1 st Generation
6AV2125-...	2 nd Generation

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Mechanical Assembly (plastic parts)	○	○	○	○	○	○	○	○	○	○
Mechanical Assembly (metal parts)	○	○	○	○	○	○	○	○	○	○
Printed Circuit Board Assembly (PCBA)	×	○	○	○	○	○	○	○	○	○
Display	×	○	○	○	○	○	○	○	○	○
Cable	×	○	○	○	○	○	○	○	○	○
In case of										
Metal housing (only for HMI Comfort Panel)	×	○	○	○	○	○	○	○	○	○
 In case of										
without Display (only for HMI Key Panel)	×	○	○	○	○	○	○	○	○	○
Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".										

Industrial Flat Panel

6AV7861-1...	SIMATIC Flat Panel 12"
6AV7861-2...	SIMATIC Flat Panel 15"
6AV7861-5...	SIMATIC Flat Panel 15" Pro IP65
6AV7861-6...	SIMATIC Flat Panel 19" Pro IP65
6AV7285-6NH...	SIMATIC Flat Panel 12" Hygienic
6AV7285-6HH...	SIMATIC Flat Panel 15" Hygienic
6AV7285-6KH...	SIMATIC Flat Panel 19" Hygienic
6AV7285-6LH...	SIMATIC Flat Panel 22" Hygienic

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Mechanical Assembly (plastic parts)	○	○	○	○	○	○	○	○	○	○
Mechanical Assembly (metal parts)	○	○	○	○	○	○	○	○	○	○
Printed Circuit Board Assembly (PCBA)	×	○	○	○	○	○	○	○	○	○
Display	×	×	○	○	○	○	○	○	○	○
Cable	×	○	○	○	○	○	○	○	○	○
Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".										

HMI Extension Unit (Pro)

6AV7674-... Extension Unit (Pro)

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Mechanical Assembly (plastic parts)	○	○	○	○	○	○	○	○	○	○
Mechanical Assembly (metal parts)	×	○	○	○	○	○	○	○	○	○
Printed Circuit Board Assembly (PCBA)	×	○	○	○	○	○	○	○	○	○
Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard “Requirements for restricted use of hazardous substances in electrical and electronic products”. × ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard “Requirements for restricted use of hazardous substances in electrical and electronic products”. Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard “Requirements for restricted use of hazardous substances in electrical and electronic products”.										

Rechargeable battery (only for HMI Mobile):

6AV6671-5AD00-0AX0

6AV6671-5CL00-0AX0



Power Supply Unit

6AV6671-5CN00-0AX3

6AV2181-5AL60-0AX0

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Mechanical Assembly (plastic parts)	○	○	○	○	○	○	○	○	○	○
Mechanical Assembly (metal parts)	×	○	○	○	○	○	○	○	○	○
Printed Circuit Board Assembly (PCBA)	×	○	○	○	○	○	○	○	○	○

Note 1: O: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".

×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".

Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".

Cables:

6AV2181-5AF... For KTPX00(F) Mobile Panel

– 6XV1440-... For Mobile Panels

6AV7860-... SIMATIC Flat Panel Cable

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
with or without Connector	×	O	O	O	O	O	O	O	O	O
Note 1: O: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".										

SIMATIC IPC:

Rack PC:

6AG4012-1...	SIMATIC IPC347E
6AG4012-0...	SIMATIC IPC347D
6AG4012-2...	SIMATIC IPC347G

6AG4104-3...	SIMATIC IPC547E
6AG4104-4...	SIMATIC IPC547G
6AG4104-5...	SIMATIC IPC547J
6AG4112-1...	SIMATIC IPC647C
6AG4112-2...	SIMATIC IPC647D
6AG4112-3...	SIMATIC IPC647E
6AG4114-1...	SIMATIC IPC847C
6AG4114-2...	SIMATIC IPC847D
6AG4114-3...	SIMATIC IPC847E

6BK1801-1...	SIMATIC IPC1047E
6AG4103-6...	SIMATIC IPC RC-545A
6AG4104-6...	SIMATIC IPC RW-545A
6AG4105-6...	SIMATIC IPC RS-545A
6AG4102-0...	SIMATIC IPC RS-828A
6AG4011-3...	SIMATIC IPC RW-543A
6AG4011-4...	SIMATIC IPC RW-543B
6AG4012-4...	SIMATIC IPC RC-543B
6AG4112-4...	SIMATIC IPC RW-528A
6AG4114-4...	SIMATIC IPC RW-548A

Panel PC:

6AV7200-...	SIMATIC HMI Panel PC Ex
6AV7250-...	SIMATIC IPC477D PRO
6AV7251-...	SIMATIC IPC477E PRO
6AV7240-...	SIMATIC IPC477D
6AV7241-...	SIMATIC IPC477E
6AV7242-...	SIMATIC IPC PX-39A
6AV7252-...	SIMATIC IPC PX-39A PRO
6AV7272-...	SIMATIC IPC PX-32A
6AV7881-0	SIMATIC IPC277D (Nanopanel PC)
6AV7882-0...	SIMATIC IPC277E (Nanopanel PC)
6AV7886-0...	SIMATIC IPC277G (Nanopanel PC)
6AV7886-1...	SIMATIC IPC277G PRO
6AV789.-	SIMATIC IPC677C
6AV7260-...	SIMATIC IPC677D
6AV7261-...	SIMATIC IPC677E

Box PC:

6ES7647-8A...	SIMATIC IPC227D Nanobox
6ES7647-8B...	SIMATIC IPC227E Nanobox
6ES7647-8C...	SIMATIC IPC227G Nanobox
6ES7647-0J...	SIMATIC IPC520A
6ES7647-0JC...	SIMATIC IPC BX-35A
6AG4140-...	SIMATIC IPC427D
6AG4141-...	SIMATIC IPC427E
6AG4142-...	SIMATIC IPC BX-39A

6AG4152-...	SIMATIC IPC BX-32A
6AG4132-0...	SIMATIC IPC BX-56A
6AG4133-0...	SIMATIC IPC BX-59A
6ES7647-6C...	SIMATIC IPC627C
6AG4131-2...	SIMATIC IPC627D
6AG4131-3...	SIMATIC IPC627E
6ES7647-6P...	SIMATIC IPC827C
6AG4132-2...	SIMATIC IPC827D
6AG4026-0....-...1	SIMATIC BX-53A
6AG4026-1...	SIMATIC BX-53B

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Mechanical Assembly (plastic parts)	○	○	○	○	○	○	○	○	○	○
Mechanical Assembly (metal parts)	○	○	○	○	○	○	○	○	○	○
Printed Circuit Board Assembly (PCBA)	×	○	○	○	○	○	○	○	○	○
Fan	×	○	○	○	○	○	○	○	○	○
Buffer Battery	○	○	○	○	○	○	○	○	○	○
 In case of *										
Solid State Memory	×	○	○	○	○	○	○	○	○	○
Hard Disk Drive (HDD)	×	○	○	○	○	○	○	○	○	○
 In case of *										
Display (only for Panel PC)	×	○	○	○	○	○	○	○	○	○
 In case of *										
Optical Disk Drive (ODD)	×	○	○	○	○	○	○	○	○	○
 In case of *										
Power Supply	×	○	○	○	○	○	○	○	○	○
 In case of *										
Network Card	×	○	○	○	○	○	○	○	○	○

Note 1: O: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard “Requirements for restricted use of hazardous substances in electrical and electronic products”.

×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard “Requirements for restricted use of hazardous substances in electrical and electronic products”.

Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard “Requirements for restricted use of hazardous substances in electrical and electronic products”.

* The general Environmental Protection Use Period of 50 years is fulfilled if the components are replaced after its specific Environmental Protection Use Period

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Industrial Flat Panel:

6AV7863-...	SIMATIC Industrial Flat Panel
6AV7861-3...	SIMATIC Flat Panel 19"
6AV7862-2B...-0...	SIMATIC Basic Industrial Flat Panel
6AV7862-2B...-2...	SIMATIC HMI Industrial Monitors IM-3xxA

Box PC:

6AG4022-0A...	SIMATIC IPC327E
6AG4022-0B...	SIMATIC IPC327G
6AG4025-...	SIMATIC IPC527G

Panel PC:

6AV7230-...	SIMATIC IPC377E
6AV7231-0...	SIMATIC IPC377G

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Mechanical Assembly (plastic parts)	○	○	○	○	○	○	○	○	○	○
Mechanical Assembly (metal parts)	○	○	○	○	○	○	○	○	○	○
Printed Circuit Board Assembly (PCBA)	×	○	○	○	○	○	○	○	○	○
Buffer Battery (except for Industrial Flat Panel)	○	○	○	○	○	○	○	○	○	○
Cable	○	○	○	○	○	○	○	○	○	○
 In case of *										
Solid State Memory	×	○	○	○	○	○	○	○	○	○
 In case of *										
12" Display (only for Panel PC)	×	○	○	○	○	○	○	○	○	○
15" Display (only for Panel PC)	×	○	○	○	○	○	○	○	○	○
19" Display (only for Panel PC)	○	○	○	○	○	○	○	○	○	○
22" Display (only for Panel PC)	×	○	○	○	○	○	○	○	○	○
Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".										

Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".

* The general Environmental Protection Use Period of 50 years is fulfilled if the components are replaced after its specific Environmental Protection Use Period

Box PC:

6AG4021-0A. 1.-...0

SIMATIC IPC127E

6AG4021-0B.00-.A..

SIMATIC IPC BX-21A

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Mechanical Assembly (plastic parts)	O	O	O	O	O	O	O	O	O	O
Mechanical Assembly (metal parts)	O	O	O	O	O	O	O	O	O	O
Printed Circuit Board Assembly (PCBA)	x	O	O	O	O	O	O	O	O	O
Buffer Battery	O	O	O	O	O	O	O	O	O	O
Solid State Memory	x	O	O	O	O	O	O	O	O	O
Note 1: O: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".										

Tablet IPC:

6AV7880-...

SIMATIC IPC MD-34A

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Mechanical Assembly (plastic parts)	○	○	○	○	○	○	○	○	○	○
Mechanical Assembly (metal parts)	○	○	○	○	○	○	○	○	○	○
Printed Circuit Board Assembly (PCBA)	×	○	○	○	○	○	○	○	○	○
Display	×	○	○	○	○	○	○	○	○	○
Fan	×	○	○	○	○	○	○	○	○	○
In case of										
Camera	×	○	○	○	○	○	○	○	○	○
In case of Power Supply										
Plastic Case	○	○	○	○	○	○	○	○	○	○
Printed Circuit Board Assembly(PCBA)	×	○	○	○	○	○	○	○	○	○
Cable	○	○	○	○	○	○	○	○	○	○
In case of Image Reader										
Mechanical Assembly (plastic parts)	○	○	○	○	○	○	○	○	○	○
Mechanical Assembly (metal parts)	×	○	○	○	○	○	○	○	○	○
Printed Circuit Board Assembly (PCBA)	×	○	○	○	○	○	○	○	○	○
Cable	○	○	○	○	○	○	○	○	○	○
Optics and Optical components	×	○	○	○	○	○	○	○	○	○

Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".

×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".

Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".

Tablet IPC Docking Station

6AV7676-1...

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Mechanical Assembly (plastic parts)	○	○	○	○	○	○	○	○	○	○
Mechanical Assembly (metal parts)	○	○	○	○	○	○	○	○	○	○
Printed Circuit Board Assembly (PCBA)	×	○	○	○	○	○	○	○	○	○
Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".										

Tablet IPC Power Supply Unit: 6AV7676-2...

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Mechanical Assembly (plastic parts)	○	○	○	○	○	○	○	○	○	○
Mechanical Assembly (metal parts)	○	○	○	○	○	○	○	○	○	○
Printed Circuit Board Assembly (PCBA)	×	○	○	○	○	○	○	○	○	○
Cable	×	○	○	○	○	○	○	○	○	○
Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".										

SIMATIC Tablet IPC Battery Charger: 6AV7676-3AC0...

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Mechanical Assembly (plastic parts)	○	○	○	○	○	○	○	○	○	○
Printed Circuit Board Assembly (PCBA)	×	○	○	○	○	○	○	○	○	○
Cable	×	○	○	○	○	○	○	○	○	○
Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".										

Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".

SIMATIC Tablet IPC Battery Pack: 6AV7676-3AC1...

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Battery Pack SP205	×	○	○	○	○	○	○	○	○	○
Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".										

SIMATIC Tablet IPC Power Cable 6ES7900-5...

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Mechanical Assembly (plastic parts)	○	○	○	○	○	○	○	○	○	○
Printed Circuit Board Assembly (PCBA)	×	○	○	○	○	○	○	○	○	○
Cable	×	○	○	○	○	○	○	○	○	○
Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".										

Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".

Mobile IPC:

6ES7717-... Field PG M5 (except battery pack)
 6ES7718-... Field PG M6 (except battery pack)
 6ES7730-... SIMATIC IPC MD-57A

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Mechanical Assembly (plastic parts)	○	○	○	○	○	○	○	○	○	○
Mechanical Assembly (metal parts)	×	○	○	○	○	○	○	○	○	○
Printed Circuit Board Assembly (PCBA)	×	○	○	○	○	○	○	○	○	○
Display	×	○	○	○	○	○	○	○	○	○
Solid State Memory	×	○	○	○	○	○	○	○	○	○
Camera	×	○	○	○	○	○	○	○	○	○
Cable	×	○	○	○	○	○	○	○	○	○
Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".										

SIMATIC PG Replace Battery:

6ES7798-0AA08-0XA0 (Field PG M5)

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Cells	○	○	○	○	○	○	○	○	○	○
Plastic housing	○	○	○	○	○	○	○	○	○	○
Cables / Wiring	×	○	○	○	○	○	○	○	○	○
Printed Circuit Board Assembly (PCBA)	×	○	○	○	○	○	○	○	○	○
Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". × ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".										

SIMATIC PG Replace Battery:

6ES7798-0AA10-0XA0 (Field PG M6)

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Battery	○	○	○	○	○	○	○	○	○	○
Connector	○	○	○	○	○	○	○	○	○	○
Printed Circuit Board Assembly (PCBA)	×	○	○	○	○	○	○	○	○	○
Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". × ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".										

SIMATIC IPC Battery Pack:
A5E30778864 (IPC847D)

 Component Name (only Rack PC)	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Cells	×	○	○	○	○	○	○	○	○	○
Metal housing	○	○	○	○	○	○	○	○	○	○
Cables / Wiring	×	○	○	○	○	○	○	○	○	○
Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".										

Memory Expansion:

6ES7648-2...	
A5E02562689	(547D)
A5E30344986	(547D)
A5E31443522	(547D)
A5E31782421	(347D)
A5E31782439	(347D)
A5E52512465	(347G)
A5E41040504	(1047E)
A5E47484637	(1047E)
A5E50728843	(1047E)
A5E50728844	(1047E)
A5E49837019	(227G/277G)
A5E49837041	(227G/277G)
A5E35483747	(527G)

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Printed Circuit Board Assembly (PCBA)	×	○	○	○	○	○	○	○	○	○
Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard “Requirements for restricted use of hazardous substances in electrical and electronic products”. ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard “Requirements for restricted use of hazardous substances in electrical and electronic products”. Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard “Requirements for restricted use of hazardous substances in electrical and electronic products”.										

SIMATIC IoT2000:

6ES7647-0AA00-0YA2	IoT2020
6ES7647-0AA00-1YA2	IoT2040
6ES7647-0BA00-0YA2	IoT2050 Basic
6ES7647-0BA00-1YA2	IoT2050 Advanced
6ES7647-0BB00-1YA2	IoT2050 M.2
6ES7647-0CA00-1AA2	IoT2050 SM
6ES7647-0BW00-1YA2	IoT2050 Edge
6ES7647-0BA20-0SP2	IoT2050 Starter Kit
6ES7647-0CW00-1AA2	IoT2050 SM Industrial Edge

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Mechanical Assembly (plastic parts)	○	○	○	○	○	○	○	○	○	○
Mechanical Assembly (metal parts)	○	○	○	○	○	○	○	○	○	○
Printed Circuit Board Assembly (PCBA)	×	○	○	○	○	○	○	○	○	○
Buffer Battery	○	○	○	○	○	○	○	○	○	○
In case of										
Cable (for IOT2050 SM)	×	○	○	○	○	○	○	○	○	○
Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".										

6ES7647-0KA01-0AA2
6ES7647-0KA02-0AA2

IoT2000 Input/Output Module
IoT2000 Input Modul Sink/Source

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Mechanical Assembly (plastic parts)	○	○	○	○	○	○	○	○	○	○
Printed Circuit Board Assembly (PCBA)	×	○	○	○	○	○	○	○	○	○
Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard “Requirements for restricted use of hazardous substances in electrical and electronic products”. ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard “Requirements for restricted use of hazardous substances in electrical and electronic products”. Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard “Requirements for restricted use of hazardous substances in electrical and electronic products”.										

SIMATIC ET 200 Distributed I/O:

ET 200pro:

6ES7154-... IM and the CPU for IM
6ES714-4... IO
6ES7194-4... CM
6ES7513-2... CPU
6ES7516-2... CPU
ZNX:EIP200PRO (IM)
ZNX:EIP200PROCM1 (CM)

ET 200AL:

6ES714-5... IO
6ES7157-1... IM
6ES7194-2CA00-0AA0 Power Distributor
6ES7194-2AB00-0AA0 M8 Connector

ET 200ecoPN:

6ES714-6...
6ES7194-6GA00-0AA0 Mounting Rail

ET 200eco:

6ES714-3...

ET 200clean:

6ES7141-7... DI
6ES7142-7... DQ
6ES7143-7... DIQ
6ES7146-7... F-IO
6ES7147-7... TM
6ES7148-7... IO-Link

ET 200S/ ET 200S Compact Module:

6ES713-4... IO
6ES7151-... IM, CPU
6ES7193-4... terminal modules
ZNX:100000005188 IM
ZNX:EIP-200S IM

ET 200SP & ET 200SP Open Controller:

6ES713-6... IO
6ES7155-6... IM
6ES7510-1... CPU
6ES7512-1... CPU
6ES7514-2 CPU
6ES7545-5DA00-0AB0 CM for CPU
6ES7677-2... Open Controller
6ES7193-6A Bus Adapter
6ES7193-6M... Profile Rail, BaseCarrier
6ES7193-6B... Base Unit
6ES7193-6P... Server Module

ET 200BL:

6ES7155-8...	IM
6ES7131-8...	DI
6ES7132-8...	DQ
6ES7134-8...	AI
6ES7135-8...	AQ
6ES7137-8...	CM
6ES7193-8SE00-1AB0	End Cover
6ES7193-8ST00-1AN0	Terminal block

ET 200M:

6ES7153-...	IM
6ES7195-1...	Mounting Rail

ET 200MP:

6ES7155-5...	IM
6ES7590-1...	Profile Rail

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Mechanical Assembly (plastic parts)	○	○	○	○	○	○	○	○	○	○
Mechanical Assembly (metal parts)	○	○	○	○	○	○	○	○	○	○
Printed Circuit Board Assembly (PCBA)	×	○	○	○	○	○	○	○	○	○
In case of										
Compensation Connector M12 (only for ET200pro)	×	○	○	○	○	○	○	○	○	○
In case of										
Potting Compound (only for ET200ecoPN)	○	○	○	○	○	○	○	○	○	○
Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".										

Cable:

6ES7194-2L...	Cable ET 200AL
6ES7194-2M...	Power or ET-Connection Cable
6ES7194-6KA00-0XA0	Y-Cable
6ES7194-6KB00-0XA0	Y-Cable
6ES7194-6KC00-0XA0	Y-Cable

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
with or without Connector	×	○	○	○	○	○	○	○	○	○
Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".										

Coding Element

6ES7193-6K.00-3AA0	Mechanical Coding Element
6ES7-93-6E.00-1AA0	eCoding Element
6ES7194-6KB0.-0AA0	eCoding Plug for ET200ecoPN F-IO

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Mechanical Assembly (plastic parts)	○	○	○	○	○	○	○	○	○	○
Mechanical Assembly (metal parts)	○	○	○	○	○	○	○	○	○	○
Printed Circuit Board Assembly (PCBA)	×	○	○	○	○	○	○	○	○	○
Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".										

Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard “Requirements for restricted use of hazardous substances in electrical and electronic products”.

Network Components:

- 6ES7972-0B...
- 6ES7972-0A...
- 6ES7972-0DA0...
- 6ES7158-...
- 6ES7972-4...
- Bus Connector
- Repeater
- Resistor
- Coupler
- Power Rail Booster

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Mechanical Assembly (plastic parts)	O	O	O	O	O	O	O	O	O	O
Mechanical Assembly (metal parts)	×	O	O	O	O	O	O	O	O	O
Printed Circuit Board Assembly (PCBA)	×	O	O	O	O	O	O	O	O	O
Note 1: O: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard “Requirements for restricted use of hazardous substances in electrical and electronic products”. × Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard “Requirements for restricted use of hazardous substances in electrical and electronic products”. Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard “Requirements for restricted use of hazardous substances in electrical and electronic products”.										

SIMATIC S7 Basic and Advanced Controllers:

S7-300:

6ES731...	CPU
6ES732...	I/O digital
6ES733...	I/O analog
6ES734...	CP
6ES735...	FM
6ES7390-1...	Mounting Rail

S7-1500:

6ES750.-0...	Power Supply
6ES751...	CPU
6ES752...	Digital Module
6ES753...	Analog Module
6ES754.-1...	Communication module
6ES755...	Technology Module
6ES7590-0...	Active Backplane
6ES7590-1...	Mounting Rail
6ES7590-5...	Shielding Terminal

S7-200 Classic:

6ES721.-...2.-...0	CPU
6ES722.-...2.-...0	I/O digital
6ES723.-...2.-...0	I/O analog
6ES7274-...0.-...0	Simulator module
6ES72...-AA22-0XA0	Communication module

S7-1200:

6ES721.-...3...	CPU
6ES721.-...4...	CPU
6ES721.-...5...	CPU
6ES722.-...3...	Digital Module
6ES722.-...5...	Digital Module
6ES723.-...3...	Analog Module
6ES723.-...5...	Analog Module
6ES724.-...3...	Communication module/board
6ES724.-...5...	Communication module/board
6ES7274-...3...	Simulator module
6ES7278-...3...	I/O-Link
6ES7297-...3...	Battery board

Drive Controller:

6ES7615-...	CPU
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 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Mechanical Assembly (plastic parts)	○	○	○	○	○	○	○	○	○	○
Mechanical Assembly (metal parts)	○	○	○	○	○	○	○	○	○	○
Printed Circuit Board Assembly (PCBA)	×	○	○	○	○	○	○	○	○	○
In case of										
Supply connector – screw end support (only S7-1500 Power Supply)	×	○	○	○	○	○	○	○	○	○
In case of										
Ground spacing element (only S7-1500 Profile Rail)	×	○	○	○	○	○	○	○	○	○
In case of										
Terminal Blocks (only S7-200 and S7-1200)	×	○	○	○	○	○	○	○	○	○
In case of *										
Display of S7-1500 CPU	×	○	○	○	○	○	○	○	○	○
Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard “Requirements for restricted use of hazardous substances in electrical and electronic products”. ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard “Requirements for restricted use of hazardous substances in electrical and electronic products”. Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard “Requirements for restricted use of hazardous substances in electrical and electronic products”.										

* The general Environmental Protection Use Period of 50 years is fulfilled if the components are replaced after its specific Environmental Protection Use Period

Front Connector:

6ES7292-1... (S7-200/ S7-1200)

6ES7292-2...

6ES7292-4...

6ES7392-1... (S7-300)

6ES7592-1... (S7-1500)

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Mechanical Assembly (plastic parts)	○	○	○	○	○	○	○	○	○	○
Mechanical Assembly (metal parts)	×	○	○	○	○	○	○	○	○	○
Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".										

PC/PPI Cables:

6ES7901-3...(S7-200)

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Mechanical Assembly (plastic parts)	○	○	○	○	○	○	○	○	○	○
Printed Circuit Board Assembly (PCBA)	×	○	○	○	○	○	○	○	○	○
Connector	×	○	○	○	○	○	○	○	○	○
Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".										

Cables:

6ES7392-4... (S7-300)

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
with Connector	×	○	○	○	○	○	○	○	○	○
Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".										

S7 Memory Cards:

6ES7953... MMC Cards

6ES7954... SD Cards

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Mechanical Assembly (plastic parts)	○	○	○	○	○	○	○	○	○	○
Mechanical Assembly (metal parts)	○	○	○	○	○	○	○	○	○	○
Printed Circuit Board Assembly (PCBA)	×	○	○	○	○	○	○	○	○	○
Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".										

LOGO!:

6ED105.-...

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Mechanical Assembly (plastic parts)	○	○	○	○	○	○	○	○	○	○
Mechanical Assembly (metal parts)	○	○	○	○	○	○	○	○	○	○
Printed Circuit Board Assembly (PCBA)	×	○	○	○	○	○	○	○	○	○
 In case of										
Display (only for LOGO! Base Modules and TDE Text Display)	×	○	○	○	○	○	○	○	○	○
Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".										

Cables:

6ES7923-0B... Connecting Cable for S7-1500 I/O, ET 200SP, S7-1200, LOGO!

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
with or without Connector	×	○	○	○	○	○	○	○	○	○
Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".										

Connection System

6ES7924-... Connection Module

 Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)	Di(2-ethylhexyl) phthalate (DEHP)	Butyl benzyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate (DIBP)
Mechanical Assembly (plastic parts)	○	○	○	○	○	○	○	○	○	○
Mechanical Assembly (metal parts)	○	○	○	○	○	○	○	○	○	○
Printed Circuit Board Assembly (PCBA)	×	○	○	○	○	○	○	○	○	○
Note 1: ○: Indicates that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". ×: Indicates that said hazardous substance contained in at least one homogeneous material used for this part exceeds the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products". Note 2: The parts not listed above indicate that said hazardous substance contained in all homogeneous materials for this part does not exceed the limit defined in the national standard "Requirements for restricted use of hazardous substances in electrical and electronic products".										

ASIC:

6ES7195-0... ASPC 2, DPC 31, ERTEC 200P, SPC 2, SPC 3
6ES7195-3BE... Evaluation Board Kit – ERTEC 200P



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