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to whom it may concern

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Statement on Hazardous Substances and Safe Use Period Marking

**Statement on Hazardous Substances and Safe Use Period Marking
according to
“Marking for the restriction of the use of hazardous substances in electrical and electronic product”
(SJ/T 11364-2014)**

This document is relevant for ABB's PLC products manufactured after July 2016 as listed on following pages.


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Contents

| | |
|---------------------------------------|-----------|
| AC500 Series | 3 |
| CPUs | 3 |
| Communication Modules | 3 |
| Communication Interface Modules | 4 |
| I/O Modules | 4 |
| Keyboard Controller Modules | 4 |
| Terminal Bases | 5 |
| Terminal Units | 6 |
| Accessories | 7 |
| AC500-S Series | 8 |
| CPUs | 8 |
| I/O Modules | 8 |
| Terminal Units | 8 |
| AC500-eCo Series | 9 |
| CPUs | 9 |
| I/O Modules | 9 |
| Accessories | 10 |
| AC500-XC Series | 11 |
| CPUs | 11 |
| Communication Modules | 11 |
| Communication Interface Modules | 11 |
| I/O Modules | 12 |
| Terminal Bases | 13 |
| Terminal Units | 13 |
| AC500-S-XC Series | 14 |
| CPUs | 14 |
| I/O Modules | 14 |
| Terminal Units | 14 |
| AC500 Demo Case | 14 |
| Demo Case | 14 |
| AC31-Adapter Series | 15 |
| CPUs | 15 |
| I/O Modules | 15 |
| Control Panel Series | 16 |
| CP600 | 16 |
| CP600-eCo | 17 |
| CP600-Pro | 17 |
| CP600 Second Generation | 17 |
| CP400 | 17 |
| Accessories | 18 |
| USB Sticks | 18 |
| USB license dongle | 18 |

AC500 Series

CPUs

PM571, PM571-ETH
PM572
PM573-ETH
PM581, PM581-ARCNET, PM581-ETH
PM582, PM582-ARCNET, PM582-ETH
PM583-ETH
PM585-ETH
PM590, PM590-ARCNET, PM590-ETH, PM590-ARC-ETH
PM591, PM591-2ETH, PM591-ARCNET, PM591-ETH
PM592-ETH
PM595-4ETH-F
EC581-ARCNET, EC583-ETH
PM5630-2ETH, PM5650-2ETH, PM5670-2ETH, PM5675-2ETH



Communication Modules

CM572-DP, CM582-DP, CM592-DP
CM574-RCOM, CM574-RS
CM575-DN
CM577-ETH, CM597-ETH
CM578-CN, CM588-CN, CM598-CN
CM579-ETHCAT
CM579-PNIO, CM589-PNIO, CM589-PNIO-4
CM5640-2ETH



Communication Interface Modules

CI501-PNIO, CI502-PNIO
CI504-PNIO, CI506-PNIO
CI511-ETHCAT, CI512-ETHCAT
CI521-MODTCP, CI522-MODTCP
CI541-DP, CI542-DP
CI581-CN, CI582-CN
CI590-CS31-HA, CI592-CS31
DC505-FBP
DC551-CS31, DC551-08L1



I/O Modules

AC522
AI523, AI531
AO523
AX521, AX522
CD522
DA501, DA502
DC522, DC523, DC532
DC541-CM
DI524
DO524, DO526
DX522, DX531
FM502-CMS
PD501-4CH



Keyboard Controller Modules

07TC90, 07TC91, 07TC92
07TC94-ETHCAT



Terminal Bases

TF501-CMS, TF521-CMS

TB523-2ETH


TB5600-2ETH, TB5610-2ETH, TB5620-2ETH, TB5640-2ETH, TB5660-2ETH



TB511-ARCNET, TB511-ETH

TB521-ARCNET, TB521-ETH

TB541-ETH

|  Component name | Hazardous substance | | | | | |
|---|---------------------|-----------------|-----------------|---------------------------------|--|---|
| | Lead (Pb) | Mercury (Hg) | Cadmium (Cd) | Hexavalent chromium (Cr6) | Polybro- minated Biphenyl (PBB) | Polybro- minated Diphenyl ethers (PBDE) |
| Mechanical component (plastic) | O | O | O | O | O | O |
| Mechanical component (metal) | X | O | O | O | O | O |
| PCBA | O | O | O | O | O | O |

This table was developed according to the provisions of SJ/T 11364.

O: The content of such hazardous substance in all homogeneous materials of such component is below the limit required by GB/T 26572


X: the content of such hazardous substance in a certain homogeneous material of such component is beyond the limit required by GB/T 26572

Terminal Units

TU507-ETH, TU508-ETH
 TU509, TU510
 TU515, TU516, TU516-H
 TU517, TU518
 TU520-ETH
 TU531, TU532, TU532-H
 TU541, TU542, TU542-H
 TU551-CS31, TU552-CS31



TU505-FBP, TU506-FBP

|  Component name | Hazardous substance | | | | | |
|--|---------------------|--------------|--------------|---------------------------|-------------------------------|---------------------------------------|
| | Lead (Pb) | Mercury (Hg) | Cadmium (Cd) | Hexavalent chromium (Cr6) | Polybrominated Biphenyl (PBB) | Polybrominated Diphenyl ethers (PBDE) |
| Mechanical component (plastic) | O | O | O | O | O | O |
| Mechanical component (metal) | X | O | O | O | O | O |
| PCBA | O | O | O | O | O | O |

This table was developed according to the provisions of SJ/T 11364.

O: The content of such hazardous substance in all homogeneous materials of such component is below the limit required by GB/T 26572

X: the content of such hazardous substance in a certain homogeneous material of such component is beyond the limit required by GB/T 26572

Accessories

MC502, MC5141, MC5102, TA5350-AD
TA521
TA523, TA524, TA525, TA526, TA527, TA528
TA532, TA533, TA534, TA535, TA536
TA540, TA541, TA543
TK501, TK502



AC500-S Series

CPUs

SM560-S, SM560-S-FD-1, SM560-S-FD-4



I/O Modules

AI581-S
DI581-S
DX581-S



Terminal Units

TU582-S



AC500-eCo Series

CPUs

PM554-RP, PM554-RP-AC
PM554-TP, PM554-TP-ETH, PM556-TP-ETH
PM564-RP, PM564-RP-AC, PM564-RP-ETH, PM564-RP-ETH-AC
PM564-TP, PM564-TP-ETH, PM566-TP-ETH
PM5012-R-ETH, PM5012-T-ETH
PM5032-R-ETH, PM5032-T-ETH
PM5052-R-ETH, PM5052-R-ETHL, PM5052-T-ETH
PM5072-T-2ETH, PM5072-T-2ETHW
PM5082-T-2ETH



I/O Modules

AI561, AI562, AI563, AO561, AX561
DI561, DI562, DI571, DC561, DC562, DO561, DO562, DX561
DI572, DO571, DO572, DO573, DX571
FM562



Accessories

TK503, TK504, TK506

MC503

TA561-RTC, TA562-RS, TA562-RS-RTC, TA569-RS-ISO

TA566, TA570

TA571-SIM

TA563-9, TA563-11, TA564-9, TA564-11, TA565-9, TA565-11

TA5101-4DI, TA5101-4DIW, TA5105-4DOT, TA5105-4DOTW, TA5110-2DI2DOT, TA5110-2DI2DOW

TA5120-2AI-UI, TA5120-2AI-UIW, TA5126-2AO-UI, TA5126-2AO-UIW, TA5123-2AI-RTD, TA5123-2AI-RTW

TA5130-KNXPB, TA5130-KNXPBW, TA5131-RTC

TA5141-RS232I, TA5141-RS232IW, TA5142-RS485I, TA5142-RS485IW, TA5142-RS485, TA5142-RS485W

TA5211-TSCL-B, TA5211-TSPF-B, TA5212-TSCL, TA5212-TSPF

TA5220-SPF5, TA5220-SPF6, TA5220-SPF7, TA5220-SPF8, TA5220-SPF9

TA5300-CVR, TA5301-CFA

TA5400-SIM



AC500-XC Series

CPU's

PM573-ETH-XC
PM582-XC
PM583-ETH-XC
PM585-ETH-XC
PM591-ETH-XC
PM592-ETH-XC
PM595-4ETH-M-XC
PM5630-2ETH-XC, PM5650-2ETH-XC, PM5670-2ETH-XC, PM5675-2ETH-XC



Communication Modules

CM577-ETH-XC, CM597-ETH-XC
CM572-DP-XC, CM582-DP-XC, CM592-DP-XC
CM578-CN-XC, CM588-CN-XC, CM598-CN-XC
CM579-PNIO-XC, CM589-PNIO-XC, CM589-PNIO-4-XC
CM5640-2ETH



Communication Interface Modules

CI501-PNIO-XC, CI502-PNIO-XC
CI504-PNIO-XC, CI506-PNIO-XC
CI521-MODTCP-XC, CI522-MODTCP-XC
CI541-DP-XC, CI542-DP-XC
CI581-CN-XC, CI582-CN-XC
CI590-CS31-HA-XC, CI592-CS31-XC
DC551-CS31-XC



I/O Modules

AC522-XC

AI523-XC, AI531-XC

AO523-XC

AX521-XC, AX522-XC

CD522-XC

DA501-XC, DA502-XC

DC522-XC, DC523-XC, DC532-XC

DI524-XC

DO524-XC, DO526-XC

DC541-CM-XC

DX522-XC

FM502-CMS-XC



Terminal Bases

TF501-CMS-XC, TF521-CMS-XC

TB5600-2ETH-XC, TB5610-2ETH-XC, TB5620-2ETH-XC, TB5640-2ETH-XC, TB5660-2ETH-XC



TB511-ETH-XC, TB521-ETH-XC, TB541-ETH-XC

| Component name | Hazardous substance | | | | | |
|--------------------------------|---------------------|--------------|--------------|---------------------------|-------------------------------|---------------------------------------|
| | Lead (Pb) | Mercury (Hg) | Cadmium (Cd) | Hexavalent chromium (Cr6) | Polybrominated Biphenyl (PBB) | Polybrominated Diphenyl ethers (PBDE) |
| Mechanical component (plastic) | O | O | O | O | O | O |
| Mechanical component (metal) | X | O | O | O | O | O |
| PCBA | O | O | O | O | O | O |

This table was developed according to the provisions of SJ/T 11364.

O: The content of such hazardous substance in all homogeneous materials of such component is below the limit required by GB/T 26572

X: the content of such hazardous substance in a certain homogeneous material of such component is beyond the limit required by GB/T 26572

Terminal Units

TU508-ETH-XC

TU510-XC

TU518-XC

TU520-ETH-XC

TU552-CS31-XC

TU516-XC, TU516-H-XC

TU532-XC, TU532-H-XC

TU542-XC, TU542-H-XC



AC500-S-XC Series

CPUs

SM560-S-XC, SM560-S-FD-1-XC, SM560-S-FD-4-XC



I/O Modules

AI581-S-XC, DI581-S-XC, DX581-S-XC



Terminal Units

TU582-S-XC



AC500 Demo Case

Demo Case

TA515-CASE
TA5450-CASE



AC31-Adapter Series

CPUs

07KT94-ARC-AD
07KT98-ARC-AD, 07KT98-ARC-DP-AD
07KT98-ARC-ETH-AD, 07KT98-ARC-ETH-DP-AD
07KT98-ETH-DP-AD



I/O Modules


07AC91-AD
07AC91-AD2
07AI91-AD
07DC91-AD
07DC92-AD
CI590-CS31-AD
DC501-CS31-AD



Control Panel Series

CP600

CP620, CP620-WEB
 CP630, CP630-WEB
 CP635, CP635-WEB
 CP635-B, CP635-FB, CP635-FW
 CP651, CP651-WEB
 CP661, CP661-WEB
 CP665, CP665-WEB
 CP676, CP676-WEB

|  Component name | Hazardous substance | | | | | |
|---|---------------------|--------------|--------------|---------------------------|-------------------------------|---------------------------------------|
| | Lead (Pb) | Mercury (Hg) | Cadmium (Cd) | Hexavalent chromium (Cr6) | Polybrominated Biphenyl (PBB) | Polybrominated Diphenyl ethers (PBDE) |
| Mechanical component (plastic) | O | O | O | O | O | O |
| Mechanical component (metal) | X | O | O | O | O | O |
| Wiring | O | O | O | O | O | O |
| Display | X | O | O | O | O | O |
| Touch Screen | O | O | O | O | O | O |
| PCBA | X | O | O | O | O | O |

This table was developed according to the provisions of SJ/T 11364.
 O: The content of such hazardous substance in all homogeneous materials of such component is below the limit required by GB/T 26572
 X: the content of such hazardous substance in a certain homogeneous material of such component is beyond the limit required by GB/T 26572

CP600-eCo

CP604, CP604-B
CP607, CP607-B
CP610, CP610-B



CP600-Pro

CP6607
CP6610
CP6615
CP6621



CP600 Second Generation

CP6407
CP6610
CP6615



CP400

CP405
CP408



Accessories

TK407
TK681
TK682
TK6028
TK6031



USB Sticks

USB license dongle

DM-KEY

