

Information on Hazardous Substances and Marking of the Environmental Protection Use Period according to

“Marking for the Restricted Use of Hazardous Substances in Electronic and Electrical Products (SJ/T 11364-2014)”

for I/O Products

Marking of Hazardous Substances according to SJ/T 11364-2014 ("China-ROHS") for I/O Products

BECKHOFF

BCxxxx	Bus Terminal Controllers (K-bus)
BGxxxx	Bus system housings (empty)
BKxxxx	Bus Coupler for Bus Terminals (K-bus)
BXxxxx	Bus Terminal Controllers extended (K-bus) with SSB
BZxxxx	Labeling plates
CUxxxx	Ethernet switches, USB hubs
EJxxxx	EtherCAT plug-in modules
EKxxxx	EtherCAT Couplers
ELxxxx	EtherCAT Terminals in L-housing
ELMxxxx-xxxx-xxxx	EtherCAT Terminals (E-bus), metal housing
ELXxxx	EtherCAT Terminals for explosion protection
EMxxxx-xxxx-xxxx	EtherCAT modules (E-bus), various housings
EPxxxx	EtherCAT Box modules, IP67, plastic housing, compact box
EPIxxx	EtherCAT Box modules, IP67, plastic housing, IO-Link
EPPxxxx	EtherCAT Box modules, IP67, plastic housing, EtherCAT P
EQxxxx	EtherCAT Box modules, IP67, stainless steel housing
EQIxxxx	EtherCAT Box modules, IP67, stainless steel housing, IO-Link
ERxxxx	EtherCAT box modules, IP67, zinc die-cast housing
ERIxxxx	EtherCAT Box modules, IP67, zinc die-cast housing, IO-Link
ESxxxx	EtherCAT Terminals in S-housing (standing wiring)
ETxxxx-xxxx	EtherCAT technology products (ASIC, licences, etc.)
FBxxxx	Fieldbus postage stamps
FCxxxx	Fieldbus cards (master and/or slave)
FMxxxx-Bxxx-xxxx	Fieldbus modules
IExxxx	Fieldbus Box modules, IP67, Extension Box
ILxxxx-Bxxx	Fieldbus Box modules, IP67, Coupler Box
ILxxxx-Cxxx	Fieldbus Box modules, IP67, PLC Box (controller)
IPxxxx-Bxxx	Fieldbus Box modules, IP67, Compact Box
KLxxxx	Bus Terminals (K-bus) in L-housing
KMxxxx	Terminal modules (K-bus)
KSxxxx	Bus Terminals (K-bus) in S-housing (standing wiring)
LCxxxx	Low-cost Bus Coupler for Bus Terminals (K-bus)
M1xxx-xxx	Lightbus M-modules

Accessories

ZBxxxx	Connectors, cables, torque wrench, relais, fan cartridge, shielding connection system, external ballast resistor and further accessories
Zxxxx	Connectors, cables and further accessories
ZS9xxx-xxxx-xxxx	Recalibration service for analog input devices

ZKxxxx-xxxx-xxxx Pre-assembled cables

ZK1010	Ribbon cable
ZK1020	IP-Link cable

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ZK1031	PROFIBUS cable
ZK1052	DeviceNet cable
ZK1090	Ethernet/K-bus extension
ZK2000	Sensor/actuator cable
ZK2020	Power cable
ZK2030	Power cable 1.5 mm ²
ZK2031	Power cable 2.5 mm ²
ZK700x	EtherCAT P cable
ZK71xx	ECP/ENP cable
ZK72xx	ECP/ENP cable
ZK73xx	ECP/ENP cable

ZSxxxx-xxxx

Connectors and accessories

ZS1000	PROFIBUS IP67 accessories
ZS1031	PROFIBUS IP67 accessories
ZS1010	End connector, ribbon cable
ZS1020	IP-Link connector
ZS1021	IP-Link connector, PU = 10 pcs.
ZS1040	Accessories Interbus
ZS105x	Accessories CANopen/DeviceNet
ZS1090	Accessories Ethernet
ZS2000	Accessories sensor connector/connector
ZS2020	Accessories power (7/8")
ZS3100	Accessories PROFIBUS IP20
ZS5000	Accessories fieldbus box
ZS70xx	EtherCAT P connectors and further accessories
ZS71xx	ECP/ENP connectors and further accessories for B12 connectors
ZS72xx	ECP/ENP connectors and further accessories for B17 connectors
ZS73xx	ECP/ENP connectors and further accessories for B23 connectors
ZS74xx	ECP/ENP connectors and further accessories for B36 connectors

**Marking of hazardous substances according to
SJ/T 11364-2014 (“China-ROHS”)**



Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)
Housing plastic	○	○	○	○	○	○
Housing stainless steel	○	○	○	○	○	○
Assembled printed circuit board (APCB)	×	○	○	○	○	○
Connectors	×	○	○	○	○	○
Cables without connector	○	○	○	○	○	○
Battery (Li metal cell)	○	○	○	○	○	○
In case of						
Displays (EL 6090)	×	○	○	○	○	○
Cooling fans (ZB8610)	×	○	○	○	○	○
Fieldbus Cards	×	○	○	○	○	○

These tables are prepared in accordance with the provisions of SJ/T 11364.

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

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

**Mark of hazardous substances according to SJ/T 11364-2014
("China-ROHS") for Fieldbus Components**



Below you find the Hazardous substances declaration table for:

Power Supply

PS1111-2402-0002: power supply

PS2001-4810-0000: power supply

	The Environmentally Friendly Use Period (EFUP) for all enclosed products and their parts are per the symbol shown here, unless otherwise marked					
Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)
Printed Circuit Boards	x	○	○	○	○	○
Housing	○	○	○	○	○	○
Terminals	○	○	○	○	○	○
Labels	○	○	○	○	○	○
T-Holder	○	○	○	○	○	○
Slider	○	○	○	○	○	○
<p><u>These tables are prepared in accordance with the provisions of SJ/T 11364.</u></p> <p>○: The content of such hazardous substance in all homogeneous materials of such component is below the limit required by GB/T 26572.</p> <p>×: The content of such hazardous substance in a certain homogeneous material of such component is beyond the limit required by GB/T 26572.</p>						

**Mark of hazardous substances according to SJ/T 11364-2014
("China-ROHS") for Fieldbus Components**



Below you find the Hazardous substances declaration table for:

Power supplies*

PS1xxx-xxxx-xxxx

PS2xxx-xxxx-xxxx

PS3xxx-xxxx-xxxx

*except for PS1111-2402-0002, PS2001-4810-0000 please see above

	The Environmentally Friendly Use Period (EFUP) for all enclosed products and their parts are per the symbol shown here, unless otherwise marked					
Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)
Prited Circuit Boards	○	○	○	○	○	○
Housing	○	○	○	○	○	○
Terminals	○	○	○	○	○	○
Labels	○	○	○	○	○	○
T-Holder	○	○	○	○	○	○
Slider	○	○	○	○	○	○
<p><u>These tables are prepared in accordance with the provisions of SJ/T 11364.</u></p> <p>○: The content of such hazardous substance in all homogeneous materials of such component is below the limit required by GB/T 26572.</p> <p>×: The content of such hazardous substance in a certain homogeneous material of such component is beyond the limit required by GB/T 26572.</p>						