

Date: 04/09/2025

To: Avnet

Certificate of Non-inclusion for Prohibited Substances in Products

Company name : PT Omron Manufacturing of Indonesia

Department : Environment Sustainability Division

Title : ESD Manager

Name : Junedi

Signature :



PT OMRON MANUFACTURING OF INDONESIA

We hereby certify, based on facts known to us as of the date provided above, that OMRON products, parts, and materials (including accessories and individual package or packing materials thereof) delivered to you do not contain the following chemical substances over the criteria stated in our "Management Criteria for Regulated Chemicals" (Ver. 5.00) at the time of shipment from the factory.

Details

1. Chemical Substances

(1) Chemical Substances Regulated by RoHS Directives (2011/65/EU, 2015/863/EU): 10 Substances

No.	Substance
1	Lead / Lead compounds
2	Cadmium / Cadmium compounds
3	Mercury / Mercury compounds
4	Hexavalent Chromium compounds
5	Poly Brominated Biphenyls (PBB)
6	Poly Brominated Diphenyl Ethers (PBDE)
7	Bis (2-ethylhexyl)phthalate (DEHP/DOP) CAS No. 117-81-7 ^[*1]
8	Benzyl butyl phthalate (BBP) CAS No. 85-68-7 ^[*1]
9	Dibutyl phthalate (DBP) CAS No. 84-74-2 ^[*1]
10	Diisobutyl phthalate (DIBP) CAS No. 84-69-5 ^[*1]

(Note) [*1]: Designated phthalates shall not be intentionally used over 1,000 ppm per homogeneous material.

(2) Substances Prohibited by Omron: 47 Substances

*2 to *8 are some of the substances that are required to be managed only for the purposes listed.

*2, *3, *5 to *8 are not subject to this certificate of non-inclusion because the target products are not intended to be used for the applicable purposes.

For details, please confirm "Management Criteria for Regulated Chemicals."

No.	Substance	No.	Substance
1	Nickel / Nickel Compounds ^[*2]	10	Dimethyl Fumarate
2	Tributyltin oxide (TBTO)	11	Polyvinyl chloride (PVC) and PVC copolymer ^[*4]
3	Trisubstituted organotin compound	12	Asbestos
4	Dibutyltin (DBT) compounds	13	Azo dyes, Azo pigment creating aromatic amine ^[*5]
5	Diocetyl tin (DOT) compounds ^[*3]	14	Ozone depleting substances
6	Polychlorinated biphenyls (PCB) or Alternitives	15	Radioactive materials
7	Polychlorinated terphenyls (PCT)	16	Formaldehyde ^[*6]
8	Polychlorinated naphthalenes (with 1 or more chlorine atoms)	17	2-(2H-benzotriazol-2-yl)-4,6-bis (1,1-dimethylethyl)-Phenol

No.	Substance	No.	Substance
9	Perfluorooctanesulfonic acid (PFOS)	18	Phthalate esters Group1 (BBP, DBP, DEHP, DIBP) ^[*7] ^[*9]
19	Phthalate esters Group2 (DIDP, DINP, DNOP) ^[*7] ^[*9]	34	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)
20	Heavy metals (Lead, Cadmium, Hexavalent Chromium, Mercury) ^[*4]	35	Tri(4-isopropylphenyl) phosphate (PIP(3:1))
21	Short-chain chlorinated paraffins (C10-13)	36	Pentachlorothiophenol (PCTP)
22	Perfluorooctanoic acid (PFOA) and its salts	37	Hexachlorobutadiene (HCBD)
23	Perfluorooctanoic acid (PFOA)-related compounds	38	C9-C14 PFCAs and their salts ^[*10]
24	Hexabromocyclododecane (HBCDD)	39	C9-C14 PFCA-related substances ^[*10]
25	Benzo[e]pyrene ^[*8]	40	Tris(2-chloroethyl) phosphate (TCEP)
26	Benzo[j]fluoranthene ^[*8]	41	Tris(1-chloro-2-propyl)phosphate (TCPP)
27	Benzo[b]fluoranthene ^[*8]	42	Tris(1,3-dichloro-2-propyl)phosphate (TDCPP)
28	Benzo[k]fluoranthene ^[*8]	43	Mineral oil aromatic hydrocarbons comprising from 1 to 7 aromatic rings (MOAH) ^[*4] ^[*10]
29	Chrysen ^[*8]	44	PFHxS and their salts ^[*10]
30	Benzo[a]pyrene ^[*8]	45	PFHxS-related substances ^[*10]
31	Dibenzo[a,h]anthracene ^[*8]	46	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) Dechlorane Plus
32	Benzo[a]anthracene ^[*8]	47	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)
33	Halogen-containing flame retardants		

(Note) ^[*2]: For use as involving long-time contact with skin.

^[*3]: For use as textile / leather products intended to be in contact with skin, or two-component room temperature vulcanization molding kit.

^[*4]: For use as packing / packaging material.

^[*5]: For use as textile / leather products.

^[*6]: For use as (a) clothing or related accessories, (b) textiles other than clothing which, under normal or reasonably foreseeable conditions of use, come into contact with human skin to an extent similar to clothing, (c) footwear.

^[*7]: For use as a toy that may enter the mouth of a child or as a child-care product.

^[*8]: For use as rubber or plastic parts that come into direct, prolonged or repetitive skin or oral cavity contact.

^[*9]: Those substances are not intentionally used over 1000 ppm in total per plasticized material.

^[*10]: These substances are not intentionally used over specified threshold values.

For "Management Criteria for Regulated Chemicals,"

access the URL: <https://components.omron.com/eu-en/technical-support/rohs-search>

2. Covered Products, Parts and Materials

	Product Name	Product Model	Note
1	Power Relay	G2R-1A DC5 BY OMI	-
2	Power Relay	G6RL-1 DC24 BY OMI	-
3	Power Relay	G6RL-14-ASI DC24 BY OMI	-
4	Sub miniature basic switch	SS-01GL02 BY OMI	-
5	Dust proof ultra sub miniature basic switch	D2FD-01L30-1T BY OMI	-
6	Dust proof ultra sub miniature basic switch	D2FD-2L1-1H BY OMI	-
7	Dust proof ultra sub miniature basic switch	D2FD-2L1-1T BY OMI	-
8	Miniature door switch	D3D-121 BY OMI	-
9	Miniature door switch	D3D-131-A02 BY OMI	-
10	Miniature basic switch	D3V-012-1C23 BY OMI	-
11	Miniature basic switch	D3V-014-1C23 BY OMI	-
12	Miniature basic switch	D3V-11-1C5 BY OMI	-
13	Miniature basic switch	D3V-16-1A4 BY OMI	-

	Product Name	Product Model	Note
14	Miniature basic switch	D3V-16-1C5 BY OMI	-
15	Miniature basic switch	D3V-162-1C5 BY OMI	-
16	Miniature basic switch	D3V-163-1A5 BY OMI	-
17	Miniature basic switch	D3V-163-1C5 BY OMI	-
18	Miniature basic switch	D3V-164-1A5 BY OMI	-
19	Miniature basic switch	D3V-164-2A5 BY OMI	-
20	Miniature basic switch	D3V-165-1C25 BY OMI	-
21	Miniature basic switch	D3V-165-1C5 BY OMI	-
22	Miniature basic switch	D3V-165M-1C5 BY OMI	-
23	Miniature basic switch	D3V-166-1C5 BY OMI	-
24	Miniature basic switch	D3V-1672-3A5 BY OMI	-
25	Power Relay	G2R-1 DC12 BY OMI	-
26	Power Relay	G2R-14 DC12 BY OMI	-
27	Power Relay	G2R-1A DC12 BY OMI	-
28	Power Relay	G2R-1 AC100/(110) BY OMI	-
29	Power Relay	G2R-1 AC110 BY OMI	-
30	Power Relay	G2R-1A-E DC12 BY OMI	-
31	Power Relay	G2R-1A-E DC24 BY OMI	-
32	Power Relay	G2R-1A-E DC5 BY OMI	-
33	Power Relay	G2R-1-E DC12 BY OMI	-
34	Power Relay	G2R-2 DC24 BY OMI	-
35	Power Relay	G2R-24 DC24 BY OMI	-
36	Power Relay	G2R-24 AC240 BY OMI	-
37	Power Relay	G2R-2A DC12 BY OMI	-
38	Power Relay	G2R-2A4 DC5 BY OMI	-
39	Power Relay	G2R-2 AC230 BY OMI	-
40	Power Relay	G2R-2-H DC6 BY OMI	-
41	Power Relay	G2RG-2A4 DC12 BY OMI	-
42	Power Relay	G2RG-2A4 DC24 BY OMI	-
43	Power Relay	G2RK-1 DC24 BY OMI	-
44	Power Relay	G6RL-1A DC12 BY OMI	-
45	Power Relay	G6RL-1A DC24 BY OMI	-
46	Power Relay	G6RL-1A DC5 BY OMI	-
47	Power Relay	G7L-1A-B DC24 BY OMI	-
48	Power Relay	G7L-1A-T DC24 BY OMI	-
49	Power Relay	G7L-2A-P DC12 BY OMI	-
50	Power Relay	G7L-2A-P AC200/240 BY OMI	-Exemption: RoHS-7(a)
51	Power Relay	G7L-2A-P DC24 BY OMI	-
52	Power Relay	G7L-2A-P-PV DC12 BY OMI	-
53	Power Relay	G7L-2A-T AC200/240 BY OMI	-Exemption: RoHS-7(a)
54	Power Relay	G7L-2A-X DC12 BY OMI	-
55	Power Relay	G7L-2A-X DC24 BY OMI	-
56	Sub miniature basic switch	SS-01 BY OMI	-
57	Sub miniature basic switch	SS-01D BY OMI	-
58	Sub miniature basic switch	SS-01GL0217D BY OMI	-
59	Sub miniature basic switch	SS-01GL02D1 BY OMI	-
60	Sub miniature basic switch	SS-01GL111D BY OMI	-
61	Sub miniature basic switch	SS-01GL13D BY OMI	-
62	Sub miniature basic switch	SS-01GL2 BY OMI	-
63	Sub miniature basic switch	SS-10GL-2 BY OMI	-
64	Sub miniature basic switch	SS-10GLT BY OMI	-
65	Sub miniature basic switch	SS-5 BY OMI	-
66	Sub miniature basic switch	SS-5-3T BY OMI	-

	Product Name	Product Model	Note
67	Sub miniature basic switch	SS-5D1 BY OMI	-
68	Sub miniature basic switch	SS-5D2 BY OMI	-
69	Sub miniature basic switch	SS-5GL BY OMI	-
70	Sub miniature basic switch	SS-5GL111D BY OMI	-
71	Sub miniature basic switch	SS-5GL13D BY OMI	-
72	Sub miniature basic switch	SS-5GL13T BY OMI	-
73	Sub miniature basic switch	SS-5GL2D BY OMI	-
74	Sub miniature basic switch	SS-5GL2D1 BY OMI	-
75	Sub miniature basic switch	SS-5GL2T BY OMI	-
76	Sub miniature basic switch	SS-5GLD BY OMI	-
77	Sub miniature basic switch	SS-5GLD1 BY OMI	-
78	Sub miniature basic switch	SS-5GLD2 BY OMI	-
79	Sub miniature basic switch	SS-5GLT BY OMI	-
80	Miniature basic switch	V-103-1A4 BY OMI	-
81	Miniature basic switch	V-10-3A5 BY OMI	-
82	Miniature basic switch	V-105-1C4 BY OMI	-
83	Miniature basic switch	V-10G3-1C24-K BY OMI	-
84	Miniature basic switch	V-152-1A5 BY OMI	-
85	Miniature basic switch	V-16-1C26 BY OMI	-
86	Miniature basic switch	V-16-1C5 BY OMI	-
87	Miniature basic switch	V-162-1C5 BY OMI	-
88	Miniature basic switch	V-163-1C5 BY OMI	-
89	Miniature basic switch	V-16-3A5 BY OMI	-
90	Miniature basic switch	V-165-1C5 BY OMI	-
91	Miniature basic switch	V-166-1C5 BY OMI	-
92	Power Relay	G2R-1-E DC24 BY OMI	-
93	Power Relay	G7L-2A-X-SI DC12 BY OMI	-
94	Power Relay	G7L-2A-X-SI DC24 BY OMI	-
95	Power Relay	G2R-2 DC12 BY OMI	-
96	Power Relay	G2R-24 DC12 BY OMI	-
97	Power Relay	G2RK-2 DC12 BY OMI	-
98	Rocker Switch	A8L-21-12N2 BY OMI	-
99	Miniature basic switch	D3V-165-1A5 BY OMI	-
100	Power Relay	G2R-2 DC5 BY OMI	-
101	Power Relay	G2R-1-E DC5 BY OMI	-
102	Sub miniature basic switch	SS-5GL2 BY OMI	-
103	Miniature basic switch	V-156-1C5 BY OMI	-
104	Power Relay	G2RG-2A-X DC12 BY OMI	-
105	Power Relay	G2RG-2A-X DC24 BY OMI	-
106	Sub miniature basic switch	SS-10D BY OMI	-
107	Sub miniature basic switch	SS-5GL13 BY OMI	-
108	Sub miniature basic switch	SS-5D BY OMI	-
109	Power Relay	G2R-1 DC24 BY OMI	-