MITSUBISHI ELECTRIC CORPORATION

No. KKZ0472-112 Jul.11, 2019

Declaration of Non-use of RoHS restricted Substances

We,

Manufacturer: Mitsubishi Electric Corporation, Fukuyama Works
Address: 1-8 Midorimachi, Fukuyama-city, Hiroshima, 720 Japan

declare our sole responsibility that the product

Description: Low-voltage Circuit-breakers
Models: indicated below including all accessories, marked with "<H>" to their packing cases start from production in July, 2019.

NF30-CS, MB30-CS , NF400-CW, NF630-CW, NF800-CEW,
NF400-SW, NF400-SEW, NF630-SW, NF630-SEW, NF800-SEW, NF800-SDW, NF1000-SEW, NF1250-SEW,
NF1250-SDW, NF1600-SEW, NF1600-SDW,
NF400-HEW, NF400-REW, NF630-HEW, NF630-REW, NF800-HEW, NF800-REW,
NF400-UEW, NF800-UEW, NF1200-UR,
NF60-KC,
NF30-FA, NF30-FAU, NF50-FA, NF50-FAU, NF50-FHU,
NF50-SMU,
NF100-FHU, NF100-SRU, NF100-HRU,
NF400-SWU, NF400-HWU, NF630-SWU, NF630-HWU,
NF400-HDW, NF800-HDW,
DSN30-CS, DSN400-CW, DSN630-CW, DSN800-CW, DSN400-HDW, DSN800-HDW,
DSN400-SW, DSN630-SW, DSN800-SW, DSN1000-SW, DSN1250-SW, DSN1600-SW,

NV30-CS, NV400-CW, NV630-CW
NV400-SW, NV400-SEW, NV630-SW,
NV630-SEW, NV800-SEW,
NV400-HEW, NV400-REW, NV630-HEW, NV800-HEW,
NV50-KC, NV60-KC, NV60-KCM,
NV30-FA, NV30-FAU, NV50-FA,NV50-FAU,NV50-FHU,
NV100-FHU, NV100-SRU, NV100-HRU,
NV400-SWU, NV400-HWU

NFC30-SMX, NFC60-CMXA, NFC60-SMXA, NFC60-HMXA,
NFC100-CMXA, NFC100-SMXA, NFC100-HMXA, NFC160-CMXA, NFC160-SMXA, NFC160-HMXA,
NFC250-CMXA, NFC250-SMXA,NFC250-HMXA,
NFC400-SMXA, NFC400-HMXA,
NFC630-SMXA, NFC630-HMXA

BH-D6, BH-D10, BH-D10 DC, BH-DN, BV-D, BV-DN, BV-DN6, KB-D, BHW-T10, BHW-T4, BVW-T, KBW-T,
CP30-BA,
NV-ZAA, NV-ZBA, NV-ZHA, NV-ZSA, NV-ZLA,
ZT15B, ZT30B, ZT40B, ZT60B, ZT80B, ZT100B,

AE630-SW, AE1000-SW, AE1250-SW, AE1600-SW, AE2000-SWA, AE2000-SW, AE2500-SW, AE3200-SW,
AE4000-SWA, AE4000-SW, AE5000-SW, AE6300-SW

to which this declaration relates shall in accordance with the **Directive 2011/65/EU,(EU)2015/863** on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

We declare that " RoHS restricted Substances " are not contained and attached or are less than threshold level relating the raw materials, materials, parts, units and packing materials which are delivered to your company by our corporation.(but exemptions are excluded)

Signature of representative for the manufacturer:

MASAHIRO FUSHIMI

Senior Manager
Low voltage circuit breaker Planning Section
Low voltage circuit breaker Dept., Fukuyama Works

Information about RoHS

RoHS is the European directive on Restriction of Hazardous Substances (2011/65/EU, (EU)2015/863).

1. THRESHOLD LEVEL

For the purposes of the Directive, a maximum concentration value of 0.1 % by weight in homogeneous materials for lead, mercury, hexavalent chromium, polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE), bis(2-ethylhexyl) phthalate (DEHP), buthl benzyl phthalate (BBP), dubutyl phthalate (DBP), and diisobutyl phthalate (DIBP) and of 0.01 % by weight in homogeneous materials for cadmium shall be tolerated.

2. EXEMPTIONS

We confirmed the all exemptions of applications of lead, mercury, cadmium, hexavalent chromium, which are exempted from the requirements of Article 2011/65/EU 4(1) and use the following exemptions.

6(a). Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0,35 % lead by weight

6(b). Lead as an alloying element in aluminium containing up to 0,4 % lead by weight

6(c) . Copper alloy containing up to 4 % lead by weight

7(a) .Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead),

7(c)-Ⅰ.Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound

7(c)-Ⅱ. Lead in dielectric ceramic in capacitors for a rated voltage of 125 V AC or 250 V DC or higher

8(b) . Cadmium and its compounds in electrical contacts

15. Lead in solders to complete a viable electrical connection between semiconductor die and carrier within integrated circuit flip chip packages

34. Lead in cermet-based trimmer potentiometer elements