

CERTIFICATE OF RoHS ENVIRONMENTAL COMPLIANCE

This Certificate of RoHS Environmental Compliance applies to all part numbers within NKK Switches' standard switch and indicator series listed below:

- NKK Switches certifies that as of **July 2019**, none of the substances regulated by the RoHS Directive 2011/65/EU and (EU) 2015/863 exceed the levels specified in the directive at the homogeneous material level with the below listed exemptions.

Series	Segregating Attribute	Exemptions
A	Indicators	no exemptions
A	Toggles except J2 antistatic Bat	6(c)
A	Toggles with J2 Antistatic Bat	no exemptions
A	Rockers	6(c)
AB		no exemptions
AS		no exemptions
B	Non-illuminated	6(c)
B	Illuminated	no exemptions
BB		no exemptions
CB		no exemptions
CB3		no exemptions
CK	L (19mm) and M (16mm) type	6(c)
CS		no exemptions
CWSA		no exemptions
CWSB		no exemptions
CWT		no exemptions
D2		6(c)
DB		6(c)
DSA		6(c)
DSB		no exemptions
EB		6(c)
FB		6(c)
FF01		no exemptions
FM		no exemptions
FT		no exemptions
FP01		no exemptions
FR01		no exemptions
FR01A	Metal Shaft	6(c)
FR02		no exemptions
FS		no exemptions
G	Toggles, Rockers, indicators	no exemptions
GB		no exemptions
GB2		no exemptions
GP01		no exemptions

GW		no exemptions
G3B		no exemptions
G3T		6(c)
HB	Indicators, Pushbuttons	6(c)
HB2		no exemptions
HP02		no exemptions
HP03		no exemptions
HS		6(c)
IS	Smartswitches	no exemptions
JB		no exemptions
JF		no exemptions
JL		no exemptions
JP		no exemptions
JS		no exemptions
JW		no exemptions
JWS		no exemptions
KB	Indicators, Pushbuttons	no exemptions
KP	KP01 and KP02	no exemptions
KP04		no exemptions
LB	Indicators, Pushbuttons	no exemptions
LP01		no exemptions
LW	Except LW3021	no exemptions
LW3021		6(c)
M	Toggles and Rockers, Circuits: 1, 2, 3, 5, 8 w/ Silver plating or Gold over Silver	6(c)
M	Toggles and Rockers, w/ Gold plating	6(c)
M	WB type bushing	6(c)
M2100		6(c)
MB2000		6(c)
MB2400		6(c)
MB2500		6(c)
MS		no exemptions
MS	MSV2B22	6(c)
M2B		6(c)
M2T	Circuits: 2,3,5,8	6(c)
MLW	Circuits: 2, 3, 5, 8	no exemptions

MR		6(c)
MRB		6(c)
ND		no exemptions
ND3		no exemptions
NP01		no exemptions
NR01		no exemptions
P01	Indicators	no exemptions
P		6(c)
PS		6(c)
S	S1 to S29	6(c)
S	S31, S32	6(c)+ 8(b) or 8(b)-1
S	S33, S35, S38, S39	6(c)
S	S41, S42	6(c)+ 8(b) or 8(b)-1
S	S43, S45 to S49	6(c)
S	S114, S116	6(c)
S	S301 to S309	6(c)
S	S331, S332 type (except T terminal type)	6(c)+ 8(b) or 8(b)-1
S	S331T, S332T,	6(c)
S	S333 to S339, all types	6(c)
S	S421, S422, all types	6(c)+ 8(b) or 8(b)-1
S	S423 to S429, all types	6(c)
S	S732	6(c)

S	S821 to S833	6(c)
SB		6(c)
SB4011		6(c)
SCB	Caps & Shroud: 3	no exemptions
SCB	Caps & Shroud: 4, 5	6(c)
SK	Except disposable boot for Process Sealed versions. Switch is compliant.	no exemptions
SM		6(c)
SS		no exemptions
SS3		no exemptions
SW		6(c)
TL		no exemptions
TP02	Touch Panel potion	no exemptions
TP02	Control board	7(a), 7(c)-1
TS		6(c)
UB	Indicators, Pushbuttons	no exemptions
UB2	Indicators, Pushbuttons	no exemptions
WB		6(c)
WT		6(c)
WR		no exemptions
YB	Indicators, Pushbuttons (only panel seal type)	6(c)
YB	Indicators, Pushbuttons (without panel seal type)	no exemptions
YB2		6(c)

- The CE marking applies to electrical equipment rather than to components installed into the equipment.
- This Certificate of RoHS Compliance does not apply to custom products.

2. The EU-RoHS Directive released a new announcement [(EU) 2019/171, issued February 5, 2019] and the exemption for cadmium and its compounds contained in electrical contacts has been updated. See below link for the detail.

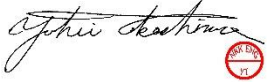

https://www.nkkswitches.com/pdf/CN0357_New_EURoHS_Directive.pdf

Below listed products contains cadmium in the electrical contacts specified as exemption 8(b) and will no longer be EU-RoHS compliant after 3/1/2020

Series	Segregating Attribute
CWSC	Except when using the product at 6A/250VAC
M	Toggles and Rockers, Circuits: 4,7,9 w/ Silver plating, or Gold over Silver
M2T	Circuits: 9
MLW	Circuits: 0, 9

Contact to environmental@nkkswitches.com for RoHS 2015/863/EU compliance status of custom products or UL/CSA approved products.

This certification is based on information provided by NKK Switches of America and/or suppliers and is accurate to the best of our knowledge. This certification is valid unless superseded by a revised certification at a later date.

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Date: 2/7/2023

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