

NKK Switches REACH SVHCs Compliance

7850 East Gelding Drive • Scottsdale, AZ 85260-3420

CERTIFICATE OF REACH SVHCs ENVIRONMENTAL COMPLIANCE

This Certificate of REACH SVHCs Compliance applies to all NKK Switches' catalogue product series within listed below:

- As of **March 2025**, below listed NKK Switches' products are all in compliance with the requirements of the current REACH Regulation, EC 1907/2006, including any exemptions currently in effect. The 247 Substances of Very High Concern (SVHC) listed as of 1/21/2025 in the link below are not present at or above 0.1%.

As found on <https://echa.europa.eu/candidate-list-table>

Switch Type	Series	Segregating Attribute
Toggle	A	J2 Antistatic Bat
	B	Illuminate type
	G	Both Illuminate, Non-illuminate type
Rocker	CWSA	
	CWSB	
	CWT	
	G	
	GW	Both Illuminate, Non-illuminate type
	JW	Except JWMW type
	JWS	All Illuminate type All Non-illuminate type
Pushbutton	MLW	Circuits: 2, 3, 5, 8
	AB	
	BB	
	GB	
	GB2	
	GP01	
	G3B	
	JP	Plunger type models
Illuminated Pushbutton	GB	
	HB2	
	LB	Non Illuminated type
	LP01	
	NP01	Both Illuminate, Non-illuminate type
	UB	Both Illuminate, Non-illuminate type
Emergency Stop	UB2	Both Illuminate, Non-illuminate type
	FF01	

Keylock	SK	Antistatic, Process sealed type,
	SK	Panel mount type (low security)
Rotary	FR01	Except A actuation type
	FR02	
	ND	
	ND3	
	NR01	
Slide	CS	
	FS	
	JS	
	SS	Both Illuminate, Non-illuminate type
	SS3	
Tactile	CB	
	CB3	
	HP02	
	HP03	
	JF	
	JL	
Tilt	DSB	
Touch screen / Membrane	FM	
	FT	Touch screen potion only
Indicator	A	A01 type
	G	
	HB	
	JF	
	LB	
	UB	
	UB2	

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2. Below listed products contain one or more listed Substances of Very High Concern (SVHC) above 0.1% and below chart shows each product status.

This does not impose any restrictions on the use/import/export of the products, nor is it a substance ban.

Switch Type	Series	Segregating Attribute	SVHC Category (Refer to the chart on Page 3)
Toggle	A	Except J2 Antistatic Bat	A
	B	Non-illuminate type	A
	D2		A
	G3T		A
	M	Circuits: 1, 2, 3, 5, 6, 8 w/ Silver plating or Gold over Silver	A, D, F
		Circuits: 4,7,9 w/ Silver plating, or Gold over Silver	A, B, D, F
		All circuits w/ Gold plating	A, D, F
		Dechlorane Plus free models, non-illuminated types (All part numbers begin with "MN", non-illuminated types)	A, F
		M2100 illuminated type.	A, D, F, *Z
		Dechlorane Plus free models, illuminated types (All part numbers begin with "MN", illuminated types)	A, F, *Z
		Regardless of above condition, 4 pole switch with circuit 4 type	Contact NKK for detail.
	S	S1 to S29	A, *Z
		S31, S32	A, B
		S33, S35, S38, S39	A
		S41, S42	A, B
		S43, S45 to S49	A
		S301 to S309	A, *Z
		S331, S332 type (Except T terminal type)	A, B, *Z
		S331T, S332T,	A, *Z
		S333 to S339, all types	A, *Z
		S421, S422, all types	A, B, *Z
		S423 to S429, all types	A, *Z
		S821 to S833	A, *Z
	TL		D *Z
	WT	Except wire lead models	A,
		Wire lead models	A, *Z
Rocker	A		A
	JW	JWMW	*Z
	LW	LW3021 only	A, *Z
	M	Circuits: 1, 2, 3, 5, 6, 8 w/ Silver plating or Gold over Silver	A, D, F
		Circuits: 4,7,9 w/ Silver plating, or Gold over Silver	A, B, D, F
		All circuits w/ Gold plating	A, D, F
		Dechlorane Plus free models, non-illuminated types (All part numbers begin with "MN", non-illuminated types)	A, F
		M2100 illuminated type	A, D, F, *Z
		Dechlorane Plus free models, illuminated types (All part numbers begin with "MN", illuminated types)	A, F, *Z
	MLW	Circuit: 9	B
	SW	SW3001~3008 type	A, *Z
		SW3821~3833 type	A, *Z
	WR	Except wire lead models	G
		Wire lead models	G, *Z
Pushbutton	DB		A
	EB		A, *Z
	FB		A
	JP	Flat cap models	G
	MB		A, D, F
	M	Dechlorane Plus free models (All part numbers begin with "MBN")	A, F
	M2B		A
	SB	SB61, 63 type	A, *Z
	SB	Except SB61, 63 type	A
	WB	Except Wire lead models	A
		Wire lead models	A, *Z

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Illuminated Push Button	HB	Non-illuminate type	A
	HB	Illuminate type	A, *Z
	KP		*Z
	LB	Illuminated type	*Z
	YB	Not Panel seal type	*Z
	YB	Panel seal type	A, *Z
	YB2	Not Panel seal type	*Z
	YB2	Panel seal type	A, *Z
Programmable	IS	SmartDisplays, OLED type	*Z
		SmartDisplays LCD type	*Z
Keylock	CK		A
	SK	Panel Mount type (Medium Security)	A
Rotary	FR01	A actuation type	A
	MR	MRA type	A, D, F
	MR	MRAN type	A, F
	MR	MRY type	A, *Z
	MR	Except MRA, MRAN or MRY type	A
Slide	AS		E
	M	Dechlorane Plus free models (All part numbers begin with "MSN")	F
	MS		D, F
	SM		A
Tactile	JB		*Z
Tilt	DSA		A
Touch screen / Membrane	FT	Control board	A, *Z
	TP02	Control board	A, *Z
	TP02		*Z
Indicator	YB	Not Panel seal type	*Z
	YB	Panel seal type	A, *Z
	YB2	Not Panel seal type	*Z
	YB2	Panel seal type	A, *Z

*Contact NKK Switches for the detailed information by part number basis.

SVHC Category	REACH – 247 SVHCs Candidate list declarable substance	CAS#	Notes
A	Lead in copper alloy ≤ 4% Lead oxide yellow in copper alloy ≤ 4 %	7439-92-1 1317-36-8	RoHS exemption 6(c)
B	Cadmium in contact Cadmium-oxide in contact	7440-43-9 1306-19-0	RoHS exemption 8(b)-1
D	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"™) 10% in case	13560-89-9	
E	Melamine, Maximum 0.3% in case cover	108-78-1	
F	Bis(α,α-dimethylbenzyl) peroxide Maximum 2% in case	80-43-3	
G	Triphenyl phosphate Maximum 0.5% in actuator	115-86-6	
Z	Possible of containing one or more substance(s) other than above.		Contact NKK Switches for the detail by part number basis.

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This Certificate of REACH Compliance does not apply to custom products.

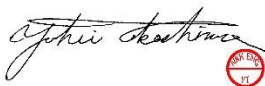
NKK Switches will not register any substances with European Chemical Agency (ECHA) for the following reasons:

1. NKK Switches production volume imported into the EU does not exceed 1 ton per year and no substances are discharged intentionally from NKK Switches' products.
2. NKK Switches production volume imported into the EU, including substance of very high concern (SVHC), does not exceed 1 ton per year limit.

Contact to environmental@nkkswitches.com for REACH information of NKK Switches' product series not listed above.

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.

A handwritten signature in black ink, reading "Yohei Takashima", with a red circular stamp containing the letters "NKK" and "VI" below it.

Yohei Takashima

Date: 3/5/2025

Engineering
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