

# TECHNICAL NEWS

[Issue No.] LVS-YE-0009-A

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[Title] Regarding Dechlorane Plus

[Date of Issue] December 2024

[Relevant Models] Molded Case Circuit Breakers · Earth Leakage Circuit Breakers · Earth Leakage alarm breakers · MDU breakers · DSN switches · Circuit breakers for panel board and control board · Circuit breakers for control board · Safety breakers · Miniature Circuit Breakers · Residual Current Circuit Breakers · Isolating Switches · Circuit protectors · Remote control devices for distribution board · Earth leakage relays · Overvoltage detection branch unit · Breaker test and setter · Air Circuit Breakers

Regarding your popular no-fuse circuit breakers and earth leakage circuit breakers, we have reported the presence or absence of Dechlorane Plus and the starting month of non-inclusion models production under our management number LVS-YE-0009 (Issued in October 2024), but it has been discovered that some models now contain Dechlorane Plus and that there was an error in the description. As a result, we will be changing the description. We would like to apologize for any inconvenience caused for those products whose production month has been changed, and we will report the revised details in the following 4 sections, including models for which the timing is being adjusted.

## 1. Relevant models

- Molded Case Circuit Breakers · Earth Leakage Circuit Breakers · Earth Leakage alarm breakers
- Motor Protection Breakers
- Single-phase 3-wire type electrical circuit MCCB and ELCB with a neutral wire phase failure protection
- UL Certified Circuit Breakers
- MDU breakers
- High-Voltage Direct Current Molded Case Circuit Breakers · DSN switches
- DSN switches · Thyristor Protection · Earth Leakage Circuit Breakers for inverter welding machine
- Miniature Circuit Breakers
- Residual Current Circuit Breakers · Isolating Switches
- Circuit breakers for panel board and control board
- Circuit breakers for control board
- Safety breakers
- Circuit protectors
- Remote control devices for distribution board
- Earth leakage relays · Overvoltage detection branch unit · Breaker test and setter
- Air Circuit Breakers

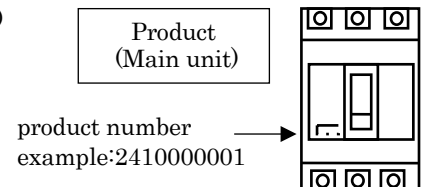
## 2. Whether or not Dechlorane Plus is contained and future measures to eliminate its containment

In the table of Dechlorane Plus containment/non-containment for each model from the next page, the corresponding production date (manufacturing date) of the non-containing product is listed for the model subject to containment.

Depending on our inventory and market availability there is a possibility that Dechlorane Plus-containing products may be shipped after the above period.

(\*)Please check the product number on the product (main unit) for the date of manufacture.

(However, the position of the indication may vary depending on the model.)



## 3. Others

With the change to non-Dechlorane Plus, some bases of some models may have a slightly uneven colour (white), but this does not pose a performance problem.

## 4. Revision details

The stated date is the production date of the non-containing product.

Model	Before the revision	After the revision
NF100-SRU, NF100-HRU	3A, 5A : October 2024 Other than 3A, 5A : -(Not contained)	1A, 3A, 5A : October 2024 Other than 1A, 3A, 5A : -(Not contained)
NV50-FA	2P·3P : 24/10	2P : -(No-Contains), 3P : October 2024
NF50-FHU	2P : -(Not contained), 3P : October 2024	2P·3P : October 2024

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**1. Fukuyama Models subject to inclusion of Dechlorane Plus and non-inclusion period**

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\*Models with shading are subject to inclusion of Dechlorane Plus, and models without shading are non-inclusion models.  
 \*The year and month to the right of the model name indicate the production date of the non-inclusive product.

**(1)Model**

Classification	Frame A	30 32	50 60 63	100	125	250		
Fstyle	Molded case circuit breakers (Motor protection breakers)	NF32-CVF NF32-SVF(3A,5A) NF32-SVF(10A or more)	24/10	NF63-CVF(3A,5A) NF63-SVF(3A,5A) NF63-CVF(10A or more) NF63-SVF(10A or more) NF63-SVF MB(2.5A,4A,5A) NF63-SVF MB(7.1A or more) NF63-SVF MB(2A or less)	24/10	NF125-CVF NF125-SVF		
	Earth leakage circuit breakers (Motor protection breakers)	NV32-CVF NV32-SVF	24/10	NV63-CVF NV63-SVF NV63-SVF MB	24/10	NV125-CVF NV125-SVF	24/10	
General (*1)	Molded case circuit breakers (Motor protection breakers)	NF32-SV NF32-SV MB/PR		NF63-CV NF63-SV NF63-HV NF63-HRV NF63-CV MB/PR NF63-SV MB/PR		NF125-CV NF125-SV(2P,3P) NF125-SV(4P) NF125-SEV NF125-HV NF125-RV NF125-HEV NF125-UV NF125-SV MB/PR	24/10	NF250-CV NF250-SV NF250-SEV NF250-HV NF250-RV NF250-HEV NF250-UV NF250-SV MB/PR
	Earth leakage circuit breakers (Motor protection breakers)	NV32-SV	24/10	NV63-CV NV63-SV NV63-HV NV63-CV MB/PR NV63-SV MB/PR	24/10	NV125-CV NV125-SV NV125-SEV NV125-HV NV125-HEV NV125-SV MB/PR	24/10	NV250-CV NV250-SV NV250-SEV NV250-HV NV250-HEV NV250-SV MB/PR
	Earth leakage alarm breakers			NF63-ZCV NF63-ZSV NF63-ZHV	24/10	NF125-ZCV NF125-ZSV NF125-ZHV NF125-ZEV	24/11	NF250-ZCV NF250-ZSV NF250-ZHV NF250-ZEV
Single-phase 3-wire	Molded case circuit breakers			NF63-NCV	24/10	NF125-NCV NF125-NSV	24/10	NF250-NCV NF250-NSV
	Earth leakage circuit breakers			NV63-NCV	24/10	NV125-NCV NV125-NSV	24/10	NV250-NCV NV250-NSV
	Earth leakage alarm breakers			NF63-NCVZ	24/10	NF125-NCVZ NF125-NSVZ	24/10	NF250-NCVZ NF250-NSVZ
UL 489Listed	Molded case circuit breakers			NF50-SVFU(3A,5A) NF50-SVFU(10A or more) NF50-SMU(10A or less) NF50-SMU(13A or more)	24/10	NF100-CVFU NF100-SRU(1A,3A,5A) NF100-SRU(other than1A,3A,5A) NF100-HRU(1A,3A,5A) NF100-HRU(other than1A,3A,5A)	24/10	NF250-CVU NF250-SVU NF250-HVU
	Earth leakage circuit breakers			NV50-SVFU	24/10	NV100-CVFU NV100-SRU(5A) NV100-SRU(10A or more) NV100-HRU(5A) NV100-HRU(10A or more)	24/10	NV250-CVU NV250-SVU NV250-HVU
MDU breakers	Molded case circuit breakers							NF250-SEVMB NF250-HEVMB
	Earth leakage circuit breakers							NV250-SEVMB NV250-HEVMB
	Earth leakage alarm breakers							NF250-ZEVMB
DC High-Voltage	Molded case circuit breakers DSN switches			NF63-HDV KB-HDA		NF125-HDV NF125-HDVA		NF250-HDV NF250-HDVA
Application-specific circuit breakers	DSN switches	DSN32-SV		DSN63-CV DSN63-SV KB-K	KB-K100	DSN125-CV DSN125-SV(2P,3P) DSN125-SV(4P)	24/10	DSN250-CV DSN250-SV
	Thyristor Protection Earth leakage circuit breakers for inverter welding machine			SP50-K				NV250-WEV
Foreign model	Molded case circuit breakers					NF125-RGV		NF250-RGV

Note \*1 special-purpose breakers (mag-only, low-inst, etc.) are also included.  
 Note \*2 with CC-Link communication will be produced from 25/2.

\*Models with shading are subject to inclusion of Dechlorane Plus, and models without shading are non-inclusion models.

\*The year and month to the right of the model name indicate the production date of the non-inclusive product.

Classification	Frame A	400		630		800		1000 1200		1250		1600	
General (*1)	Molded case circuit breakers (Motor protection breakers)	NF400-CW NF400-SW NF400-SEW NF400-HEW NF400-REW NF400-UEW	24/10	NF630-CW NF630-SW NF630-SEW NF630-HEW NF630-REW	24/10	NF800-CEW NF800-SEW NF800-HEW NF800-REW NF800-UEW NF800-SDW	24/10	NF1000-SEW NF1200-UR	24/10	NF1250-SEW NF1250-SDW	24/10	NF1600-SEW NF1600-SDW	24/10
	Earth leakage circuit breakers (Motor protection breakers)	NV400-CW NV400-SW NV400-SEW NV400-HEW NV400-REW	24/10	NV630-CW NV630-SW NV630-SEW NV630-HEW	24/10	NV800-SEW NV800-HEW	24/10	NV1000-SB NV1200-SB	24/10				
	Earth leakage alarm breakers	NF400-ZCW NF400-ZSW NF400-ZEW	24/10 24/11	NF630-ZCW NF630-ZSW NF630-ZEW	24/10 24/11	NF800-ZEW	24/11	NF1000-ZSB NF1200-ZSB	24/10				
Single-phase three-wire	Molded case circuit breakers	NF400-NCW	24/10	NF630-NCW	24/10								
	Earth leakage circuit breakers	NV400-NCW	24/10	NV630-NCW	24/10								
	Earth leakage alarm breakers	NF400-NCWZ	24/10										
UL 489Listed	Molded case circuit breakers	NF400-SWU NF400-HWU		NF630-SWU NF630-HWU									
	Earth leakage circuit breakers	NV400-SWU NV400-HWU											
MDU breakers	Molded case circuit breakers	NF400-SEWMB NF400-HEWMB	24/11	NF630-SEWMB NF630-HEWMB	24/11	NF800-SEWMB NF800-HEWMB	24/11						
	Earth leakage circuit breakers	NV400-SEWMB NV400-HEWMB	24/11	NV630-SEWMB NV630-HEWMB	24/11	NV800-SEWMB NV800-HEWMB	24/11						
	Earth leakage alarm breakers	NF400-ZEWMB	24/11	NF630-ZEWMB	24/11	NF800-ZEWMB	24/11						
DC High-Voltage	Molded case circuit breakers DSN switches	NF400-HDW DSN400-HDW				NF800-HDW DSN800-HDW							
Application-specific circuit breakers	DSN switches	DSN400-CW DSN400-SW		DSN630-CW DSN630-SW		DSN800-CW DSN800-SW		DSN1000-SW		DSN1250-SW		DSN1600-SW	
	Earth leakage circuit breakers for inverter welding machine												
Foreign model	Molded case circuit breakers	NF400-CEW	25/1	NF630-CEW	25/1								

Note \*1 special-purpose breakers (mag-only, low-inst, etc.) are also included.

\*Models with shading are subject to inclusion of Dechlorane Plus, and models without shading are non-inclusion models.  
 \*The year and month to the right of the model name indicate the production date of the non-inclusive product.

Classification		Frame A	30	50 60	100
Miniature Circuit Breakers	BH			BH-K BH-P BH-C1 BH-C2 BH-C1D BH-C2D BV-C1 BV-C2 24/10 BH-CP1 BH-CP2 BV-CP1 BV-CP2 24/10	BH-K100 BH-P100
	KC	NF30-KC MB30-KC NV30-KC 24/10 MN30-KC		NF50-KC MB50-KC NV50-KC 24/10 MN50-KC NF50-ZKC NF50-NKC NF60-NKC NV50-NKC NV60-NKC	NF100-KC NV100-KC NF100-ZKC 24/10 NF100-NKC NV100-NKC
Circuit breakers for panel board and control board	FA/FAU/FHU	NF30-FA		NF50-FA	NF100-FHU
		NV30-FA(2P)		NV50-FA(2P)	
		NV30-FA(3P) 24/10		NV50-FA(3P) 24/10	NV100-FHU 24/10
		NF30-FAU		NF50-FAU	
		NV30-FAU(2P)		NV50-FAU(2P) 24/10	
NV30-FAU(3P) 24/10		NV50-FAU(3P) 24/10			
			NF50-FHU 24/10		
			NV50-FHU 24/10		
Safety breakers	BL	BL-1C BL-2C			
	NV-L	NV-L20SL NV-L20AM NV-L20AME NV-L22AM NV-L22TH NV-L21SLR NV-L22SLR NV-L22TZU NV-L22TYU NV-L22AMU	24/10		
Circuit protectors		CP30-BA(5A or less)	24/10		
		CP30-BA(7A or more)			
		CP30-HU	24/10		
Remote control devices for distribution board		BC-K03B			
		BC-V03	24/10		
		BR-12D BR-22D			
		BR-121D BR-221D			
		BRS-**R			
		BRT-10B BRT-20B			

Related Equipment	Earth leakage relays	NV-ZBA NV-ZAA	24/10	NV-ZHA NV-ZLA NV-ZSA	24/10	ZT15B-100B	24/10
	Overvoltage detection branch unit	NBU	24/10				
	Breaker test and setter	Y-360	24/10				

Classification		Frame A	630	1000	1250	1600			
Air Circuit Breakers	AE-SW(*1)	AE630-SW	24/11(*1)	AE1000-SW	24/11(*1)	AE1250-SW	24/11(*1)	AE1600-SW	24/11(*1)

Note \*1 with BIF-MD will be produced from 25/2.

		2000	2500	3200	4000	5000	6300				
AE2000-SW	24/11(*1)	AE2500-SW	24/11(*1)	AE3200-SW	24/11(*1)	AE4000-SW	24/11(*1)	AE5000-SW	24/11(*1)	AE6300-SW	24/11(*1)
AE2000-SWA						AE4000-SWA					

**2. Overseas Models (MDI etc.) subject to inclusion of Dechlorane Plus and non-inclusion period**

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\*The year and month to the right of the model name indicate the production date of the non-inclusive product.

**(1) Model**

Classification	Frame A	30 32	50 60 63	100	125	250
General (*1)	Molded case circuit breakers (Motor protection breakers)				NF125-CV NF125-SV(2P,3P) NF125-SV(4P) 25/1 NF125-SEV NF125-HV 25/1 NF125-HEV	NF250-CV NF250-SV NF250-HV
UL 489Listed	Molded case circuit breakers		NF50-SMU(10A or less) NF50-SMU(13A or more) 25/1			
DC High-Voltage	Molded case circuit breakers DSN switches		KB-HD KB-HDA			
Application-specific circuit breakers	DSN switches Thyristor Protection		KB-K SP50-K	KB-K100		
Foreign model	Molded case circuit breakers				NF125-SGV NF125-LGV NF125-HGV NF160-SGV NF160-LGV NF160-HGV	NF250-SGV NF250-LGV NF250-HGV
					NF125-CXV 25/1 NF125-SXV NF125-LXV NF125-HXV NF125-LEV NF160-SXV NF160-LXV NF160-HXV	NF250-CXV NF250-SXV NF250-LXV NF250-HXV NF250-SEV NF250-LEV NF250-HEV
	Earth leakage alarm breakers				NV125-CV NV125-SV 25/1 NV125-HV	NV250-CV NV250-SV 25/1 NV250-HV
	MX Series	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

Note \*1 special-purpose breakers (mag-only, low-inst, etc.) are also included.

\*Models with shading are subject to inclusion of Dechlorane Plus, and models without shading are non-inclusion models.

\*The year and month to the right of the model name indicate the production date of the non-inclusive product.

Classification	Frame A	400	630	800	1000 1200	1250	1600
General (*1)	Molded case circuit breakers (Motor protection breakers)	NF400-CW NF400-SW NF400-SEW 25/1 NF400-HEW	NF630-CW NF630-SW NF630-SEW 25/1 NF630-HEW	NF800-CEW NF800-SEW 25/1 NF800-HEW			
Application-specific circuit breakers	DSN switches	DSN400-CW DSN400-SW	DSN630-CW DSN630-SW				
	MX Series	NFC400-SMXA NFC400-HMXA	NFC630-SMXA NFC630-HMXA				

Note \*1 special-purpose breakers (mag-only, low-inst, etc.) are also included.

\*Models with shading are subject to inclusion of Dechlorane Plus, and models without shading are non-inclusion models.

\*The year and month to the right of the model name indicate the production date of the non-inclusive product.

Classification		Frame A	30	50 60	100
Miniature Circuit Breakers	BH			BH-K BH-P BH-C1 BH-C2 BH-C1D BH-C2D BV-C1 BV-C2 25/1 BH-CP1 BH-CP2 BH-CP2 CT 25/1 BV-CP1 BV-CP2 25/1	BH-K100 BH-P100
	BH (Foreign model)			BH-D6 BH-D6J BH-D10 BH-D10(For DC) BH-DN BV-D BV-DN 25/1 BV-DN6 BHW-T10 BHW-T BVW-T	
	KB (Foreign model)			KB-D KBW-T	
Safety breakers	BL	BL-1C BL-2C			
Remote control devices for distribution board		BC-K03B BC-V03 BR-12D BR-22D BR-121D BR-221D	25/1		