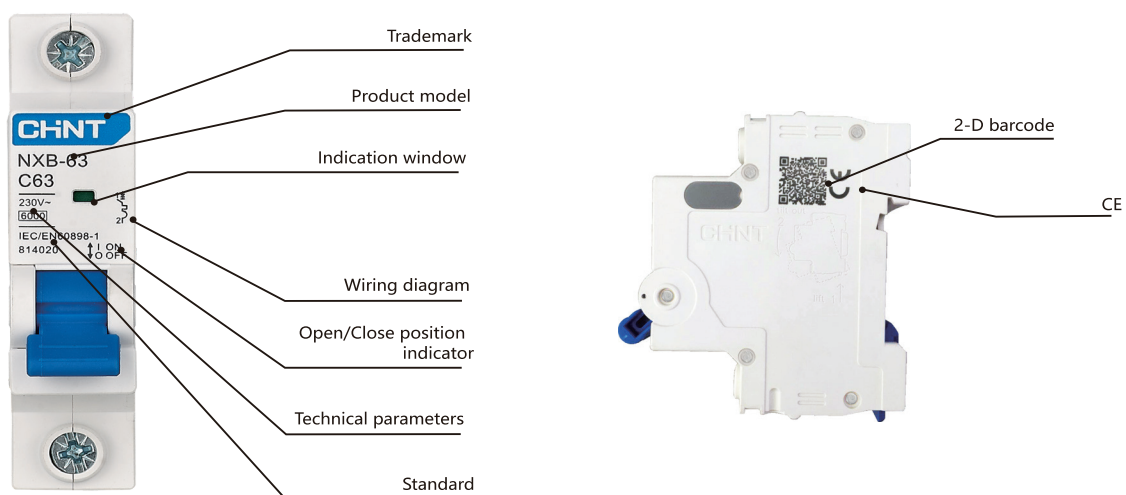
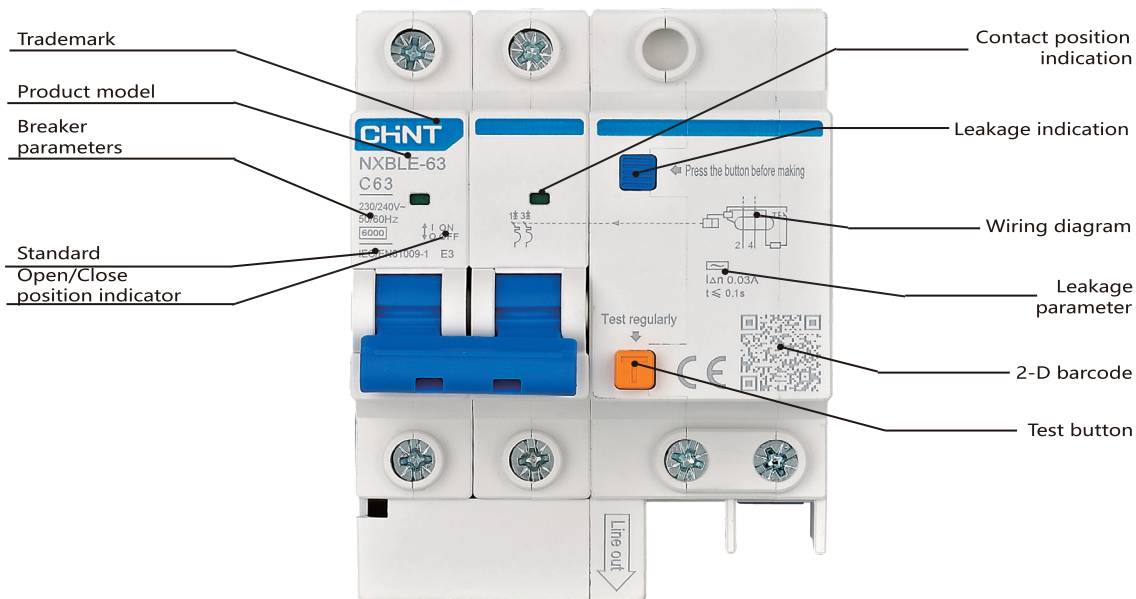


1. General description

NXB-63 Miniature circuit breaker



NXB-63 Miniature circuit breaker



2. Technical data

Circuit breaker and switch parameters

Product model		NXB-40	NXB-63	NXB-63H	NXB-63G
Compliant standards		IEC/EN60898-1	IEC/EN60898-1	IEC/EN60898-1	IEC/EN 60947-2、VC8036、SANS 556-1、SANS 60947-2
Rated current (A)		6~40	1~63	1~63	1~63
Rated voltage (V~)		230	240/415	240/415	240/415
Rated frequency (Hz)		50/60	50/60	50/60	50/60
Number of poles		1P+N	1P, 1P+N, 2P, 3P, 3P+N, 4P	1P, 1P+N, 2P, 3P, 3P+N, 4P	1P, 2P, 3P, 4P
Mechanical life (cycles)		20000	20000	20000	20000
Electrical life (cycles)		10000	10000	10000	10000
Rated short-circuit breaking capacity Icu (A)		4500	6000	10000	6000
Short-circuit breaking capacity Ics (A)		4500	6000	7500	6000
Rated impulse withstand voltage (1.2/50)(kV)		4	4	4	4
Dielectric test voltage (V)		(Power frequency 1 minute) 2000	(Power frequency 1 minute) 2000	(Power frequency 1 minute) 2000	(Power frequency 1 minute) 2000
Anti-humid and heat properties (IEC60068-2-30:55°C /90~96%,25°C /95~100%)		28 cycles	28 cycles	28 cycles	28 cycles
Terminals	Minimum cross section (mm ²)	1	1	1	1
	Maximum cross section (mm ²)	10	25	25	25
	Standard connection torque (N·m)	1.5	2	2	2
	Maximum withstand torque (N·m)	2.0	2.5	2.5	2.5
	Wire insertion depth (mm)	10	12.5	11	12.5
Reference temperature for setting of thermal element (°C)		30	30	30	40
Operating ambient temperature (°C)		-35~+70	-35~+70	-35~+70	-35~+70
Ambient storage temperature (°C)		-35~+85	-35~+85	-35~+85	-35~+85
Applicable altitude (m)		2000	2000	2000	2000
Thermal magnetic release	Type B (3In~5In)		■	■	
	Type C (5In~10In)	■	■	■	
	Type D (10In~16In)	■	■	■	
	Type C (6.4In~9.6In)				
	Type D (9.6In~14.4In)				
	li=10In (8In~12In)				■
	li=14.2In (11.36In~17.04In)				■
Derating factor with multiple products side by side (recommended value)	≤3	(0.9~0.95)In	(0.9~0.95)In	(0.9~0.95)In	(0.9~0.95)In
	4~6	(0.86~0.80)In	(0.86~0.80)In	(0.86~0.80)In	(0.86~0.80)In
	7~9	(0.78~0.76)In	(0.78~0.76)In	(0.78~0.76)In	(0.78~0.76)In
	>9	0.76In	0.76In	0.76In	0.76In
Temperature compensation coefficient (recommended value)	Change for every 10°C increase from the reference temp	-(0.03~0.07)In	-(0.03~0.05)In	-(0.03~0.06)In	-(0.02~0.07)In
	Change for every 10°C decrease from the reference temp	+(0.03~0.07)In	+(0.03~0.08)In	+(0.02~0.07)In	+(0.02~0.08)In
Cable entry		Top or bottom entry	Top or bottom entry	Top or bottom entry	Top or bottom entry
Mounting		TH35-7.5-rail mounting	TH35-7.5-rail mounting	TH35-7.5-rail mounting	TH35-7.5-rail mounting
Pollution degree		Pollution degree II	Pollution degree II	Pollution degree II	Pollution degree II
Protection degree	Direct mounting	IP20	IP20	IP20	IP20
	Mounted in the distribution box	IP40	IP40	IP40	IP40
Accessories that can be assembled		AX-X1, AL-X1, SHT-X1 OVT-X1, UVT-X1, OUVT-X1	AX-X1, AL-X1, SHT-X1 OVT-X1, UVT-X1, OUVT-X1	AX-X1, AL-X1, SHT-X1 OVT-X1, UVT-X1, OUVT-X1	AX-X1, AL-X1, SHT-X1 OVT-X1, UVT-X1, OUVT-X1

	NXB-63S	NXB-80	NXB-125	NXB-125G	NXHB-125
	IEC/EN60898-1	IEC/EN60898-1	IEC60947-2	IEC60898-1	IEC60947-3
	1~63	70A, 80A	63~125	63、80、100(1P、2P、3P、4P),125(1P、2P)	63~125
	240/415	230/400	230/400	230/400	230/400
	50/60	50/60	50/60	50/60	50
	1P, 1P+N, 2P, 3P, 3P+N, 4P	1P, 1P+N, 2P, 3P, 3P+N, 4P	1P, 2P, 3P, 4P	1P, 2P, 3P, 4P	1P, 2P, 3P, 4P
	20000	20000	20000	20000	10000
	10000	6000	6000(In≤100A), 4000(In>100A)	6000(In≤100A), 4000(In>100A)	3000
	4500	6000	10000	10000	20le
	4500	6000	7500	7500	3le
	4	4	4	4	6
	(Power frequency 1 minute) 2000	(Power frequency 1 minute) 2000	(Power frequency 1 minute) 1890	(Power frequency 1 minute) 2000	(Power frequency 1 minute) 1890
	28 cycles	28 cycles	28 cycles	28 cycles	28 cycles
	1	25	16	16	1
	25	25	50	50	50
	2	3.5	3.5	3.5	3.5
	2.5	4	4	4	4
	12.5	15	15	15	15
	30	30	30	30	30
	-35~+70	-35~+70	-35~+70	-35~+70	-35~+70
	-35~+85	-35~+85	-35~+85	-35~+85	-35~+85
	2000	2000	2000	2000	2000
	■	■		■	
	■	■		■	
	■	■		■	
			■		
			■		
	(0.9~0.95)In	(0.9~0.95)In	(0.9~0.95)In	(0.9~0.95)In	
	(0.86~0.80)In	(0.86~0.80)In	(0.8~0.9)In	(0.8~0.9)In	
	(0.78~0.76)In	(0.78~0.76)In	(0.7~0.8)In	(0.7~0.8)In	
	0.76In	0.76In	0.7In	0.7In	
	-(0.03~0.05)In	-(0.02~0.08)In	-(0.03~0.08)In	-(0.03~0.08)In	
	+(0.03~0.08)In	+(0.02~0.08)In	+(0.03~0.08)In	+(0.03~0.08)In	
	Top or bottom entry	Top or bottom entry	Top or bottom entry	Top or bottom entry	Top or bottom entry
	TH35-7.5-rail mounting	TH35-7.5-rail mounting	TH35-7.5-rail mounting	TH35-7.5-rail mounting	TH35-7.5-rail mounting
	Pollution degree II	Pollution degree II	Pollution degree II	Pollution degree II	Pollution degree II
	IP20	IP20	IP20	IP20	IP20
	IP40	IP40	IP40	IP40	IP40
	AX-X1, AL-X1, SHT-X1,OVT-X1, UVT-X1, OUVT-X1	AX-X1, AL-X1, SHT-X1,OVT-X1, UVT-X1, OUVT-X1	AX-X3, AL-X3, SHT-X3 OVT-X3, UVT-X3, OUVT-X3	AX-X3, AL-X3, SHT-X3 OVT-X3, UVT-X3, OUVT-X3	

Residual current operated circuit breaker parameter

Product model		NXBLE-40	NXBLE-63Y
Compliant standards		IEC/EN61009-1	IEC61009-1
Rated current (A)		6~40	6~63
Rated residual operating current (A)		0.01, 0.03	0.01, 0.03
Leakage protection type		AC	AC
Rated voltage (V~)		230	240
Rated frequency (Hz)		50/60	50
Number of poles		1P+N	1P+N
Mechanical life (cycles)		20000	20000
Electrical life (cycles)		10000	10000
Rated short-circuit breaking capacity (A)		4500	4500
Short-circuit breaking capacity (A)		4500	4500
Rated impulse withstand voltage (1.2/50)(kV)		4	4
Dielectric test voltage (V)		(Power frequency 1 minute) 2000	(Power frequency 1 minute) 2000
Anti-humid and heat properties (IEC60068-2-30:55°C /90~96%,25°C /95~100%)		28 cycles	28 cycles
Terminals	Minimum cross section (mm ²)	1	1
	Maximum cross section (mm ²)	10	25
	Standard connection torque (N·m)	1.5	2
	Maximum withstand torque (N·m)	2.0	2.5
	Wire insertion depth (mm)	10	10
Reference temperature for setting of thermal element (°C)		30	30
Operating ambient temperature (°C)		-35~+70	-35~+70
Ambient storage temperature (°C)		-35~+85	-35~+85
Applicable altitude (m)		2000	2000
Thermal magnetic release	Type B (3In~5In)		
	Type C (5In~10In)	■	■
	Type D (10In~16In)	■	■
	Type C (6.4In~9.6In)		
	Type D (9.6In~14.4In)		
Derating factor with multiple products side by side (recommended value)	≤3	(0.9~0.95)In	(0.9~0.95)In
	4 ~ 6	(0.86~0.80)In	(0.86~0.80)In
	7 ~ 9	(0.78~0.76)In	(0.78~0.76)In
	>9	0.76In	0.76In
Temperature compensation coefficient (recommended value)	Change for every 10°C increase from the reference temp	-(0.03~0.07)In	-(0.03~0.050)In
	Change for every 10°C decrease from the reference temp	+(0.03~0.07)In	+(0.04~0.07)In
Cable entry		Top-in, Bottom-out	Top-in, Bottom-out
Mounting		TH35-7.5-rail mounting	TH35-7.5-rail mounting
Pollution degree		Pollution degree II	Pollution degree II
Protection degree	Direct mounting	IP20	IP20
	Mounted in the distribution box	IP40	IP40
Accessories that can be assembled		AX-X1, AL-X1, SHT-X1 OVT-X1, UVT-X1, OUVT-X1	AX-X1, AL-X1, SHT-X1 OVT-X1, UVT-X1, OUVT-X1

	NXBLE-32	NXBLE-63	NXBLE-125	NXBLE-125G
	IEC61009-1	IEC61009-1	IEC60947-2	IEC61009-1
	6~32	6~63	63、80、100(1P+N、2P、3P、3P+N、4P)125(1P+N、2P)	63~125
	0.03, 0.05, 0.075, 0.1, 0.3	0.03, 0.05, 0.075, 0.1, 0.3	0.03, 0.05, 0.075, 0.1, 0.3	0.03
	AC	AC, A	AC, A	AC
	230/400	230/400	230/400	400
	50	50/60	50/60	50
	1P+N, 2P, 3P, 3P+N, 4P	1P+N, 2P, 3P, 3P+N, 4P	1P+N, 2P, 3P, 3P+N, 4P	3P+N, 4P
	20000	20000	20000	20000
	10000	10000	6000(In≤100A), 4000(In>100A)	6000(In≤100A), 4000(In>100A)
	6000	6000	10000	10000
	6000	6000	7500	7500
	4	4	4	4
	(Power frequency 1 minute) 2000	(Power frequency 1 minute) 2000	(Power frequency 1 minute) 1890	(Power frequency 1 minute) 2000
	28 cycles	28 cycles	28 cycles	28 cycles
	1	1	16	16
	6	16	50	50
	2	2	3.5	3.5
	2.5	2.5	4	4
	12.5	12.5	15	15
	30	30	30	30
	-35~+70	-35~+70	-35~+70	-35~+70
	-35~+85	-35~+85	-35~+85	-35~+85
	2000	2000	2000	2000
	■	■		■
	■	■		■
	■	■		■
			■	
			■	
	(0.9~0.95)In	(0.9~0.95)In	(0.9~0.95)In	(0.9~0.95)In
	(0.86~0.80)In	(0.86~0.80)In	(0.8~0.9)In	(0.8~0.9)In
	(0.78~0.76)In	(0.78~0.76)In	(0.7~0.8)In	(0.7~0.8)In
	0.76In	0.76In	0.7In	0.7In
	-(0.03~0.050)In	-(0.03~0.050)In	-(0.03~0.08)In	-(0.03~0.08)In
	+(0.04~0.07)In	+(0.04~0.08)In	+(0.03~0.08)In	+(0.03~0.08)In
	Top-in, Bottom-out	Top-in, Bottom-out	Top-in, Bottom-out	Top-in, Bottom-out
	TH35-7.5-rail mounting	TH35-7.5-rail mounting	TH35-7.5-rail mounting	TH35-7.5-rail mounting
	Pollution degree II	Pollution degree II	Pollution degree II	Pollution degree II
	IP20	IP20	IP20	IP20
	IP40	IP40	IP40	IP40
	AX-X1, AL-X1, SHT-X1 OVT-X1, UVT-X1, OUVT-X1	AX-X1, AL-X1, SHT-X1 OVT-X1, UVT-X1, OUVT-X1	AX-X3, AL-X3	AX-X3, AL-X3

Tripping characteristics are in compliant with standard IEC60898-1 and IEC61009-1

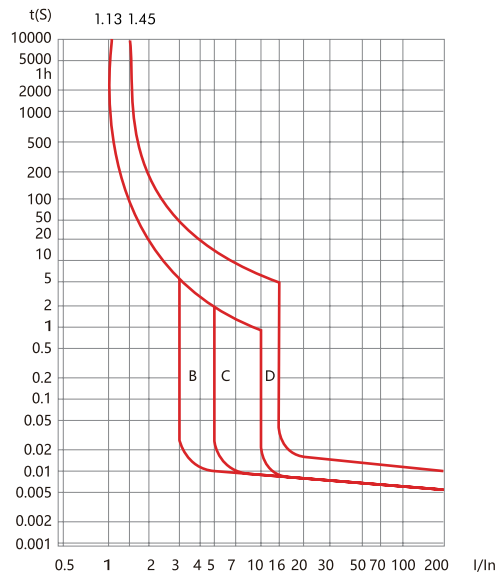
Test	Type	Test current	Starting state	Trip/Not trip time limit	Expected outcome	Notes
a	B,C,D	1.13In	Cold	$t \leq 1$ h (for $I_n \leq 63$ A) $t < 2$ h (for $I_n > 63$ A)	Not trip	
b	B,C,D	1.45In	Right after test	$t < 1$ h (for $I_n \leq 63$ A) $t < 2$ h (for $I_n > 63$ A)	Trip	Current increase steadily within 5s
c	B,C,D	2.55In	Cold	$1s < t < 60s$ (for $I_n \leq 32$ A) $1s < t < 120s$ (for $I_n > 32$ A)	Trip	
d	B C D	3In 5In 10In	Cold	$t \leq 0.1s$	Not trip	Connect the current by closing the auxiliary switch
e	B C D	5In 10In 20In	Cold	$t < 0.1s$	Trip	Connect the current by closing the auxiliary switch

Tripping characteristics are in compliant with standard IEC60947-2

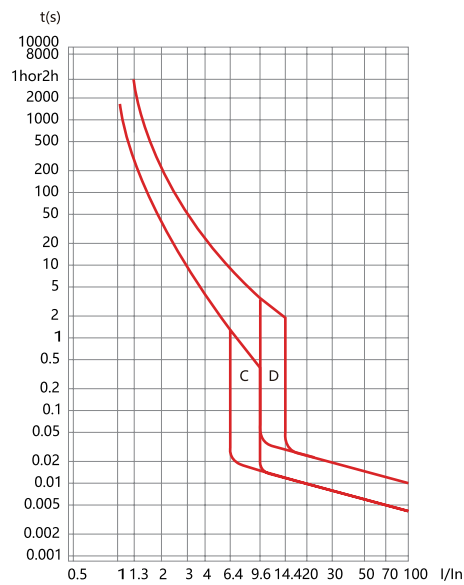
Release type	Test current	Starting state	Trip/Not trip time limit	Expected outcome	Notes
C,D	1.05In	Cold	$t \leq 1$ h (for $I_n \leq 63$ A) $t \leq 2$ h (for $I_n > 63$ A)	Cold	
C,D	1.3In	Right after test	$t < 1$ h (for $I_n \leq 63$ A) $t < 2$ h (for $I_n > 63$ A)	Right after test	Current increase steadily within 5s
C,D	2In	Cold	$t < 900s$	Cold	
C	6.4In	Cold	$t \leq 0.2s$	$t \leq 0.2s$	Connect the current by closing the auxiliary switch
D	9.6In				
C	9.6In				
D	14.4In	Cold	$t < 0.2s$	$t < 0.2s$	

Tripping curve

Compliant with standard IEC60898-1 and IEC61009-1



Compliant with standard IEC60947-2



The following table shows the cross-sectional area of the copper wire corresponding to the rated current (recommended value):

Copper wire cross-sectional area Smm ²	Rated current I _n (A)
1	I _n ≤ 6
1.5	6 < I _n ≤ 13
2.5	13 < I _n ≤ 20
4	20 < I _n ≤ 25
6	25 < I _n ≤ 32
10	32 < I _n ≤ 50
16	50 < I _n ≤ 63
25	63 < I _n ≤ 80
35	80 < I _n ≤ 100
50	100 < I _n ≤ 125

Circuit breakers

Product model	Number of poles	Electromagnetic release type	Rated current	Rated residual operating current
NXB-40	1P+N	C, D	6A, 10A, 16A, 20A, 25A, 32A, 40A	0.01A, 0.03A
NXBLE-40				
NXB-63	1P, 1P+N, 2P, 3P, 3P+N, 4P	B, C, D	1A, 2A, 3A, 4A, 6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A	
NXBLE-32	1P+N, 2P, 3P, 3P+N, 4P	B, C, D	6A, 10A, 16A, 20A, 25A, 32A	0.03A, 0.05A, 0.075A, 0.1A, 0.3A
NXBLE-63			6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A	
NXBLE-63Y	1P+N	C, D	6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A	0.01A, 0.03A
NXB-80	1P, 1P+N, 2P	B, C, D	80A	
NXB-125	1P, 2P	C, D	63A, 80A, 100A, 125A	
NXB-125G	3P, 4P	B, C, D	63A, 80A, 100A	
NXBLE-125	1P+N, 2P	C, D	63A, 80A, 100A, 125A	0.03A, 0.05A, 0.075A, 0.1A, 0.3A
NXBLE-125G	3P, 3P+N, 4P	B, C, D	63A, 80A, 100A	
NXL-63	2P, 4P	/	16A, 25A, 32A, 40A, 63A	0.01A(only 2P 16/25A) 0.03A, 0.3A

Ordering example: NXB-40 C16 50 units

NXB-63 3P D63 50 units

NXBLE-63 1P+N C63 0.03A 30 units

NXL-63 2P 63A 0.03A 90 units

Product model	Auxiliary contact	Number of poles	Maximum discharge current I _{max} (8/20μs)(kA)	Max.continuous operational open rational voltage U _c (V~)	Maximum impulse current(10/350μs) I _{imp} (kA)
NXU-IIG	Default:NO /F: YES	1P, 1P+N, 2P, 3P, 3P+N, 4P	40, 65	255, 275, 320, 385, 440	/
NXU-I+II	Default:NO /F: YES	1P, 1P+N, 2P, 3P, 3P+N, 4P	/	255, 275, 385	12.5

Ordering example: NXU-IIG/F 40kA/385V 2P 50 units

NXU-I+II/F12.5kA/275V 2P 50 units



NXB-63S Miniature circuit breaker

1. Compliant standards

IEC/EN60898-1

2. Compliant certification

CE, EAC, RoHS

3. Major function

Overload protection, short circuit protection, positive isolation

4. Technical data

Rated current: 1A, 2A, 3A, 4A, 6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A;

Rated voltage: 220V~/230V~/240V ~ (1P, 1P+N), 380V~/400V~/415V ~ (2 ~ 4P, 3P+N);

Frequency: 50/60Hz;

Thermal magnetic release: B, C, D;

Number of poles: 1P, 1P+N, 2P, 3P, 3P+N, 4P;

Mechanical life: 20000 cycles;

Electrical life: 10000 cycles;

Rated short-circuit breaking capacity(Icn): 4500A;

Short-circuit breaking capacity(Ics): 4500A;

Rated insulation voltage Ui: 500V

Rated impulse withstand voltage (Uimp): 4kV;

Weight(kg): 0.09/per pole;

Power consumption on each pole of the circuit breaker: see Table 1.

Table 1

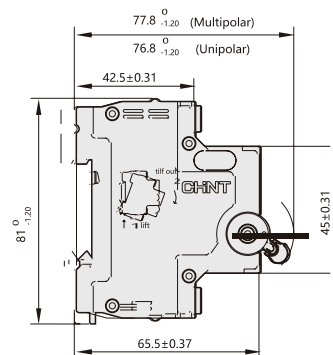
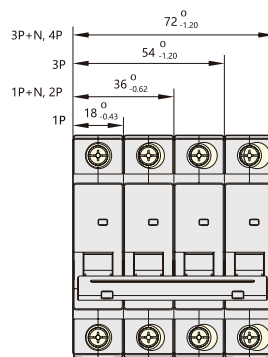
Rated current In (A)	Maximum power consumption per pole (W)
1~10	3
16	3.5
20~25	4.5
32	6
40	7.5
50	9
63	13

Temperature derating see table 2

Table 2

Ambient temperature(°C)	-35	-20	-10	0	10	20	30	40	50	60	70
Rated current(A)											
1~6	1.28	1.25	1.18	1.13	1.08	1.03	1	0.96	0.91	0.87	0.82
10~25	1.27	1.24	1.19	1.13	1.07	1.02	1	0.96	0.91	0.87	0.82
32~40	1.27	1.24	1.19	1.13	1.08	1.04	1	0.97	0.92	0.88	0.83
50~63	1.28	1.25	1.18	1.13	1.08	1.03	1	0.96	0.91	0.87	0.82

5. Dimensions and installation sizes



NXB-63	S	1P	C	16	4.5kA
Frame	Breaking capacity code	Poles	Curve	Current(In)	Breaking capacity
NXB-63	S: 4.5kA	1P 1P+N 2P 3P 3P+N 4P	B C D	1A~63A	4.5kA

Diagram	Curve	Poles	In(A)	Icu(kA)	Ue(V)	Description	Code
	B	1P	1	4.5	AC220/230/240	NXB-63S 1P B1 4.5kA	296691
	B	1P	2	4.5	AC220/230/240	NXB-63S 1P B2 4.5kA	296692
	B	1P	3	4.5	AC220/230/240	NXB-63S 1P B3 4.5kA	296693
	B	1P	4	4.5	AC220/230/240	NXB-63S 1P B4 4.5kA	296694
	B	1P	6	4.5	AC220/230/240	NXB-63S 1P B6 4.5kA	296695
	B	1P	10	4.5	AC220/230/240	NXB-63S 1P B10 4.5kA	296696
	B	1P	16	4.5	AC220/230/240	NXB-63S 1P B16 4.5kA	296697
	B	1P	20	4.5	AC220/230/240	NXB-63S 1P B20 4.5kA	296698
	B	1P	25	4.5	AC220/230/240	NXB-63S 1P B25 4.5kA	296699
	B	1P	32	4.5	AC220/230/240	NXB-63S 1P B32 4.5kA	296700
	B	1P	40	4.5	AC220/230/240	NXB-63S 1P B40 4.5kA	296701
	B	1P	50	4.5	AC220/230/240	NXB-63S 1P B50 4.5kA	296702
	B	1P	63	4.5	AC220/230/240	NXB-63S 1P B63 4.5kA	296703
	B	1P+N	1	4.5	AC220/230/240	NXB-63S 1P+N B1 4.5kA N on right	296730
	B	1P+N	2	4.5	AC220/230/240	NXB-63S 1P+N B2 4.5kA N on right	296731
	B	1P+N	3	4.5	AC220/230/240	NXB-63S 1P+N B3 4.5kA N on right	296732
	B	1P+N	4	4.5	AC220/230/240	NXB-63S 1P+N B4 4.5kA N on right	296733
	B	1P+N	6	4.5	AC220/230/240	NXB-63S 1P+N B6 4.5kA N on right	296734
	B	1P+N	10	4.5	AC220/230/240	NXB-63S 1P+N B10 4.5kA N on right	296735
	B	1P+N	16	4.5	AC220/230/240	NXB-63S 1P+N B16 4.5kA N on right	296736
	B	1P+N	20	4.5	AC220/230/240	NXB-63S 1P+N B20 4.5kA N on right	296737
	B	1P+N	25	4.5	AC220/230/240	NXB-63S 1P+N B25 4.5kA N on right	296738
	B	1P+N	32	4.5	AC220/230/240	NXB-63S 1P+N B32 4.5kA N on right	296739
	B	1P+N	40	4.5	AC220/230/240	NXB-63S 1P+N B40 4.5kA N on right	296740
	B	1P+N	50	4.5	AC220/230/240	NXB-63S 1P+N B50 4.5kA N on right	296741
	B	1P+N	63	4.5	AC220/230/240	NXB-63S 1P+N B63 4.5kA N on right	296742
	B	2P	1	4.5	AC380/400/415	NXB-63S 2P B1 4.5kA	296769
	B	2P	2	4.5	AC380/400/415	NXB-63S 2P B2 4.5kA	296770
	B	2P	3	4.5	AC380/400/415	NXB-63S 2P B3 4.5kA	296771
	B	2P	4	4.5	AC380/400/415	NXB-63S 2P B4 4.5kA	296772
	B	2P	6	4.5	AC380/400/415	NXB-63S 2P B6 4.5kA	296773
	B	2P	10	4.5	AC380/400/415	NXB-63S 2P B10 4.5kA	296774
	B	2P	16	4.5	AC380/400/415	NXB-63S 2P B16 4.5kA	296775
	B	2P	20	4.5	AC380/400/415	NXB-63S 2P B20 4.5kA	296776
	B	2P	25	4.5	AC380/400/415	NXB-63S 2P B25 4.5kA	296777
	B	2P	32	4.5	AC380/400/415	NXB-63S 2P B32 4.5kA	296778
	B	2P	40	4.5	AC380/400/415	NXB-63S 2P B40 4.5kA	296779
	B	2P	50	4.5	AC380/400/415	NXB-63S 2P B50 4.5kA	296780
	B	2P	63	4.5	AC380/400/415	NXB-63S 2P B63 4.5kA	296781

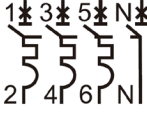
Diagram	Curve	Poles	In(A)	Icu(kA)	Ue(V)	Description	Code
	B	3P	1	4.5	AC380/400/415	NXB-63S 3P B1 4.5kA	296808
	B	3P	2	4.5	AC380/400/415	NXB-63S 3P B2 4.5kA	296809
	B	3P	3	4.5	AC380/400/415	NXB-63S 3P B3 4.5kA	296810
	B	3P	4	4.5	AC380/400/415	NXB-63S 3P B4 4.5kA	296811
	B	3P	6	4.5	AC380/400/415	NXB-63S 3P B6 4.5kA	296812
	B	3P	10	4.5	AC380/400/415	NXB-63S 3P B10 4.5kA	296813
	B	3P	16	4.5	AC380/400/415	NXB-63S 3P B16 4.5kA	296814
	B	3P	20	4.5	AC380/400/415	NXB-63S 3P B20 4.5kA	296815
	B	3P	25	4.5	AC380/400/415	NXB-63S 3P B25 4.5kA	296816
	B	3P	32	4.5	AC380/400/415	NXB-63S 3P B32 4.5kA	296817
	B	3P	40	4.5	AC380/400/415	NXB-63S 3P B40 4.5kA	296818
	B	3P	50	4.5	AC380/400/415	NXB-63S 3P B50 4.5kA	296819
	B	3P	63	4.5	AC380/400/415	NXB-63S 3P B63 4.5kA	296820
	B	3P+N	1	4.5	AC380/400/415	NXB-63S 3P+N B1 4.5kA N on right	296847
	B	3P+N	2	4.5	AC380/400/415	NXB-63S 3P+N B2 4.5kA N on right	296848
	B	3P+N	3	4.5	AC380/400/415	NXB-63S 3P+N B3 4.5kA N on right	296849
	B	3P+N	4	4.5	AC380/400/415	NXB-63S 3P+N B4 4.5kA N on right	296850
	B	3P+N	6	4.5	AC380/400/415	NXB-63S 3P+N B6 4.5kA N on right	296851
	B	3P+N	10	4.5	AC380/400/415	NXB-63S 3P+N B10 4.5kA N on right	296852
	B	3P+N	16	4.5	AC380/400/415	NXB-63S 3P+N B16 4.5kA N on right	296853
	B	3P+N	20	4.5	AC380/400/415	NXB-63S 3P+N B20 4.5kA N on right	296854
	B	3P+N	25	4.5	AC380/400/415	NXB-63S 3P+N B25 4.5kA N on right	296855
	B	3P+N	32	4.5	AC380/400/415	NXB-63S 3P+N B32 4.5kA N on right	296856
	B	3P+N	40	4.5	AC380/400/415	NXB-63S 3P+N B40 4.5kA N on right	296857
	B	3P+N	50	4.5	AC380/400/415	NXB-63S 3P+N B50 4.5kA N on right	296858
	B	3P+N	63	4.5	AC380/400/415	NXB-63S 3P+N B63 4.5kA N on right	296859
	B	4P	1	4.5	AC380/400/415	NXB-63S 4P B1 4.5kA	296886
	B	4P	2	4.5	AC380/400/415	NXB-63S 4P B2 4.5kA	296887
	B	4P	3	4.5	AC380/400/415	NXB-63S 4P B3 4.5kA	296888
	B	4P	4	4.5	AC380/400/415	NXB-63S 4P B4 4.5kA	296889
	B	4P	6	4.5	AC380/400/415	NXB-63S 4P B6 4.5kA	296890
	B	4P	10	4.5	AC380/400/415	NXB-63S 4P B10 4.5kA	296891
	B	4P	16	4.5	AC380/400/415	NXB-63S 4P B16 4.5kA	296892
	B	4P	20	4.5	AC380/400/415	NXB-63S 4P B20 4.5kA	296893
	B	4P	25	4.5	AC380/400/415	NXB-63S 4P B25 4.5kA	296894
	B	4P	32	4.5	AC380/400/415	NXB-63S 4P B32 4.5kA	296895
	B	4P	40	4.5	AC380/400/415	NXB-63S 4P B40 4.5kA	296896
	B	4P	50	4.5	AC380/400/415	NXB-63S 4P B50 4.5kA	296897
	B	4P	63	4.5	AC380/400/415	NXB-63S 4P B63 4.5kA	296898
	C	1P	1	4.5	AC220/230/240	NXB-63S 1P C1 4.5kA	296704
	C	1P	2	4.5	AC220/230/240	NXB-63S 1P C2 4.5kA	296705
	C	1P	3	4.5	AC220/230/240	NXB-63S 1P C3 4.5kA	296706
	C	1P	4	4.5	AC220/230/240	NXB-63S 1P C4 4.5kA	296707
	C	1P	6	4.5	AC220/230/240	NXB-63S 1P C6 4.5kA	296708
	C	1P	10	4.5	AC220/230/240	NXB-63S 1P C10 4.5kA	296709
	C	1P	16	4.5	AC220/230/240	NXB-63S 1P C16 4.5kA	296710
	C	1P	20	4.5	AC220/230/240	NXB-63S 1P C20 4.5kA	296711
	C	1P	25	4.5	AC220/230/240	NXB-63S 1P C25 4.5kA	296712
	C	1P	32	4.5	AC220/230/240	NXB-63S 1P C32 4.5kA	296713
	C	1P	40	4.5	AC220/230/240	NXB-63S 1P C40 4.5kA	296714
	C	1P	50	4.5	AC220/230/240	NXB-63S 1P C50 4.5kA	296715
	C	1P	63	4.5	AC220/230/240	NXB-63S 1P C63 4.5kA	296716

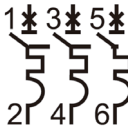
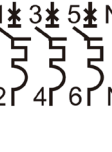
Diagram	Curve	Poles	In(A)	Icu(kA)	Ue(V)	Description	Code
	C	1P+N	4	4.5	AC220/230/240	NXB-63S 1P+N C4 4.5kA N on right	296746
	C	1P+N	6	4.5	AC220/230/240	NXB-63S 1P+N C6 4.5kA N on right	296747
	C	1P+N	10	4.5	AC220/230/240	NXB-63S 1P+N C10 4.5kA N on right	296748
	C	1P+N	16	4.5	AC220/230/240	NXB-63S 1P+N C16 4.5kA N on right	296749
	C	1P+N	20	4.5	AC220/230/240	NXB-63S 1P+N C20 4.5kA N on right	296750
	C	1P+N	25	4.5	AC220/230/240	NXB-63S 1P+N C25 4.5kA N on right	296751
	C	1P+N	32	4.5	AC220/230/240	NXB-63S 1P+N C32 4.5kA N on right	296752
	C	1P+N	40	4.5	AC220/230/240	NXB-63S 1P+N C40 4.5kA N on right	296753
	C	1P+N	50	4.5	AC220/230/240	NXB-63S 1P+N C50 4.5kA N on right	296754
	C	1P+N	63	4.5	AC220/230/240	NXB-63S 1P+N C63 4.5kA N on right	296755
	C	1P+N	32	4.5	AC220/230/240	NXB-63S 1P+N C32 4.5kA N on right	296752
	C	1P+N	40	4.5	AC220/230/240	NXB-63S 1P+N C40 4.5kA N on right	296753
	C	1P+N	63	4.5	AC220/230/240	NXB-63S 1P+N C63 4.5kA N on right	296755
	C	1P+N	63	4.5	AC220/230/240	NXB-63S 1P+N C63 4.5kA N on right	296755
	C	2P	1	4.5	AC380/400/415	NXB-63S 2P C1 4.5kA	296782
	C	2P	2	4.5	AC380/400/415	NXB-63S 2P C2 4.5kA	296783
	C	2P	3	4.5	AC380/400/415	NXB-63S 2P C3 4.5kA	296784
	C	2P	4	4.5	AC380/400/415	NXB-63S 2P C4 4.5kA	296785
	C	2P	6	4.5	AC380/400/415	NXB-63S 2P C6 4.5kA	296786
	C	2P	10	4.5	AC380/400/415	NXB-63S 2P C10 4.5kA	296787
	C	2P	16	4.5	AC380/400/415	NXB-63S 2P C16 4.5kA	296788
	C	2P	20	4.5	AC380/400/415	NXB-63S 2P C20 4.5kA	296789
	C	2P	25	4.5	AC380/400/415	NXB-63S 2P C25 4.5kA	296790
	C	2P	32	4.5	AC380/400/415	NXB-63S 2P C32 4.5kA	296791
	C	2P	40	4.5	AC380/400/415	NXB-63S 2P C40 4.5kA	296792
	C	2P	50	4.5	AC380/400/415	NXB-63S 2P C50 4.5kA	296793
	C	2P	63	4.5	AC380/400/415	NXB-63S 2P C63 4.5kA	296794
	C	2P	63	4.5	AC380/400/415	NXB-63S 2P C63 4.5kA	296794
	C	3P	1	4.5	AC380/400/415	NXB-63S 3P C1 4.5kA	296821
	C	3P	2	4.5	AC380/400/415	NXB-63S 3P C2 4.5kA	296822
	C	3P	3	4.5	AC380/400/415	NXB-63S 3P C3 4.5kA	296823
	C	3P	4	4.5	AC380/400/415	NXB-63S 3P C4 4.5kA	296824
	C	3P	6	4.5	AC380/400/415	NXB-63S 3P C6 4.5kA	296825
	C	3P	10	4.5	AC380/400/415	NXB-63S 3P C10 4.5kA	296826
	C	3P	16	4.5	AC380/400/415	NXB-63S 3P C16 4.5kA	296827
	C	3P	20	4.5	AC380/400/415	NXB-63S 3P C20 4.5kA	296828
	C	3P	25	4.5	AC380/400/415	NXB-63S 3P C25 4.5kA	296829
	C	3P	32	4.5	AC380/400/415	NXB-63S 3P C32 4.5kA	296830
	C	3P	40	4.5	AC380/400/415	NXB-63S 3P C40 4.5kA	296831
	C	3P	50	4.5	AC380/400/415	NXB-63S 3P C50 4.5kA	296832
	C	3P	63	4.5	AC380/400/415	NXB-63S 3P C63 4.5kA	296833
	C	3P	63	4.5	AC380/400/415	NXB-63S 3P C63 4.5kA	296833
	C	3P+N	1	4.5	AC380/400/415	NXB-63S 3P+N C1 4.5kA N on right	296860
	C	3P+N	2	4.5	AC380/400/415	NXB-63S 3P+N C2 4.5kA N on right	296861
	C	3P+N	3	4.5	AC380/400/415	NXB-63S 3P+N C3 4.5kA N on right	296862
	C	3P+N	4	4.5	AC380/400/415	NXB-63S 3P+N C4 4.5kA N on right	296863
	C	3P+N	6	4.5	AC380/400/415	NXB-63S 3P+N C6 4.5kA N on right	296864
	C	3P+N	10	4.5	AC380/400/415	NXB-63S 3P+N C10 4.5kA N on right	296865
	C	3P+N	16	4.5	AC380/400/415	NXB-63S 3P+N C16 4.5kA N on right	296866
	C	3P+N	20	4.5	AC380/400/415	NXB-63S 3P+N C20 4.5kA N on right	296867
	C	3P+N	25	4.5	AC380/400/415	NXB-63S 3P+N C25 4.5kA N on right	296868
	C	3P+N	32	4.5	AC380/400/415	NXB-63S 3P+N C32 4.5kA N on right	296869
	C	3P+N	40	4.5	AC380/400/415	NXB-63S 3P+N C40 4.5kA N on right	296870
	C	3P+N	40	4.5	AC380/400/415	NXB-63S 3P+N C40 4.5kA N on right	296870
	C	3P+N	40	4.5	AC380/400/415	NXB-63S 3P+N C40 4.5kA N on right	296870
	C	3P+N	40	4.5	AC380/400/415	NXB-63S 3P+N C40 4.5kA N on right	296870

Diagram	Curve	Poles	In(A)	Icu(kA)	Ue(V)	Description	Code
	C	3P+N	50	4.5	AC380/400/415	NXB-63S 3P+N C50 4.5kA N on right	296871
	C	3P+N	63	4.5	AC380/400/415	NXB-63S 3P+N C63 4.5kA N on right	296872
	C	4P	1	4.5	AC380/400/415	NXB-63S 4P C1 4.5kA	296899
	C	4P	1	4.5	AC380/400/415	NXB-63S 4P D1 4.5kA	296912
	C	4P	2	4.5	AC380/400/415	NXB-63S 4P C2 4.5kA	296900
	C	4P	2	4.5	AC380/400/415	NXB-63S 4P D2 4.5kA	296913
	C	4P	3	4.5	AC380/400/415	NXB-63S 4P C3 4.5kA	296901
	C	4P	3	4.5	AC380/400/415	NXB-63S 4P D3 4.5kA	296914
	C	4P	4	4.5	AC380/400/415	NXB-63S 4P C4 4.5kA	296902
	C	4P	4	4.5	AC380/400/415	NXB-63S 4P D4 4.5kA	296915
	C	4P	6	4.5	AC380/400/415	NXB-63S 4P C6 4.5kA	296903
	C	4P	6	4.5	AC380/400/415	NXB-63S 4P D6 4.5kA	296916
	C	4P	10	4.5	AC380/400/415	NXB-63S 4P C10 4.5kA	296904
	C	4P	10	4.5	AC380/400/415	NXB-63S 4P D10 4.5kA	296917
	C	4P	16	4.5	AC380/400/415	NXB-63S 4P C16 4.5kA	296905
	C	4P	16	4.5	AC380/400/415	NXB-63S 4P D16 4.5kA	296918
	C	4P	20	4.5	AC380/400/415	NXB-63S 4P C20 4.5kA	296906
	C	4P	20	4.5	AC380/400/415	NXB-63S 4P D20 4.5kA	296919
	C	4P	25	4.5	AC380/400/415	NXB-63S 4P C25 4.5kA	296907
	C	4P	25	4.5	AC380/400/415	NXB-63S 4P D25 4.5kA	296920
	C	4P	32	4.5	AC380/400/415	NXB-63S 4P C32 4.5kA	296908
	C	4P	32	4.5	AC380/400/415	NXB-63S 4P D32 4.5kA	296921
	C	4P	40	4.5	AC380/400/415	NXB-63S 4P C40 4.5kA	296909
	C	4P	40	4.5	AC380/400/415	NXB-63S 4P D40 4.5kA	296922
	C	4P	50	4.5	AC380/400/415	NXB-63S 4P C50 4.5kA	296910
	C	4P	50	4.5	AC380/400/415	NXB-63S 4P D50 4.5kA	296923
	C	4P	63	4.5	AC380/400/415	NXB-63S 4P C63 4.5kA	296911
	C	4P	63	4.5	AC380/400/415	NXB-63S 4P D63 4.5kA	296924
	D	1P	1	4.5	AC220/230/240	NXB-63S 1P D1 4.5kA	296717
	D	1P	2	4.5	AC220/230/240	NXB-63S 1P D2 4.5kA	296718
	D	1P	3	4.5	AC220/230/240	NXB-63S 1P D3 4.5kA	296719
	D	1P	4	4.5	AC220/230/240	NXB-63S 1P D4 4.5kA	296720
	D	1P	6	4.5	AC220/230/240	NXB-63S 1P D6 4.5kA	296721
	D	1P	10	4.5	AC220/230/240	NXB-63S 1P D10 4.5kA	296722
	D	1P	16	4.5	AC220/230/240	NXB-63S 1P D16 4.5kA	296723
	D	1P	20	4.5	AC220/230/240	NXB-63S 1P D20 4.5kA	296724
	D	1P	25	4.5	AC220/230/240	NXB-63S 1P D25 4.5kA	296725
	D	1P	32	4.5	AC220/230/240	NXB-63S 1P D32 4.5kA	296726
	D	1P	40	4.5	AC220/230/240	NXB-63S 1P D40 4.5kA	296727
	D	1P	50	4.5	AC220/230/240	NXB-63S 1P D50 4.5kA	296728
	D	1P	63	4.5	AC220/230/240	NXB-63S 1P D63 4.5kA	296729
	D	1P+N	1	4.5	AC220/230/240	NXB-63S 1P+N D1 4.5kA N on right	296756
	D	1P+N	2	4.5	AC220/230/240	NXB-63S 1P+N D2 4.5kA N on right	296757
	D	1P+N	3	4.5	AC220/230/240	NXB-63S 1P+N D3 4.5kA N on right	296758
	D	1P+N	4	4.5	AC220/230/240	NXB-63S 1P+N D4 4.5kA N on right	296759
	D	1P+N	6	4.5	AC220/230/240	NXB-63S 1P+N D6 4.5kA N on right	296760
	D	1P+N	10	4.5	AC220/230/240	NXB-63S 1P+N D10 4.5kA N on right	296761

Diagram	Curve	Poles	In(A)	Icu(kA)	Ue(V)	Description	Code
	D	1P+N	16	4.5	AC220/230/240	NXB-63S 1P+N D16 4.5kA N on right	296762
	D	1P+N	20	4.5	AC220/230/240	NXB-63S 1P+N D20 4.5kA N on right	296763
	D	1P+N	25	4.5	AC220/230/240	NXB-63S 1P+N D25 4.5kA N on right	296764
	D	1P+N	32	4.5	AC220/230/240	NXB-63S 1P+N D32 4.5kA N on right	296765
	D	1P+N	40	4.5	AC220/230/240	NXB-63S 1P+N D40 4.5kA N on right	296766
	D	1P+N	50	4.5	AC220/230/240	NXB-63S 1P+N D50 4.5kA N on right	296767
	D	1P+N	63	4.5	AC220/230/240	NXB-63S 1P+N D63 4.5kA N on right	296768
	D	2P	1	4.5	AC380/400/415	NXB-63S 2P D1 4.5kA	296795
	D	2P	2	4.5	AC380/400/415	NXB-63S 2P D2 4.5kA	296796
	D	2P	3	4.5	AC380/400/415	NXB-63S 2P D3 4.5kA	296797
	D	2P	4	4.5	AC380/400/415	NXB-63S 2P D4 4.5kA	296798
	D	2P	6	4.5	AC380/400/415	NXB-63S 2P D6 4.5kA	296799
	D	2P	10	4.5	AC380/400/415	NXB-63S 2P D10 4.5kA	296800
	D	2P	16	4.5	AC380/400/415	NXB-63S 2P D16 4.5kA	296801
	D	2P	20	4.5	AC380/400/415	NXB-63S 2P D20 4.5kA	296802
	D	2P	25	4.5	AC380/400/415	NXB-63S 2P D25 4.5kA	296803
	D	2P	32	4.5	AC380/400/415	NXB-63S 2P D32 4.5kA	296804
	D	2P	40	4.5	AC380/400/415	NXB-63S 2P D40 4.5kA	296805
	D	2P	50	4.5	AC380/400/415	NXB-63S 2P D50 4.5kA	296806
	D	2P	63	4.5	AC380/400/415	NXB-63S 2P D63 4.5kA	296807
	D	3P	1	4.5	AC380/400/415	NXB-63S 3P D1 4.5kA	296834
	D	3P	2	4.5	AC380/400/415	NXB-63S 3P D2 4.5kA	296835
	D	3P	3	4.5	AC380/400/415	NXB-63S 3P D3 4.5kA	296836
	D	3P	4	4.5	AC380/400/415	NXB-63S 3P D4 4.5kA	296837
	D	3P	6	4.5	AC380/400/415	NXB-63S 3P D6 4.5kA	296838
	D	3P	10	4.5	AC380/400/415	NXB-63S 3P D10 4.5kA	296839
	D	3P	16	4.5	AC380/400/415	NXB-63S 3P D16 4.5kA	296840
	D	3P	20	4.5	AC380/400/415	NXB-63S 3P D20 4.5kA	296841
	D	3P	25	4.5	AC380/400/415	NXB-63S 3P D25 4.5kA	296842
	D	3P	32	4.5	AC380/400/415	NXB-63S 3P D32 4.5kA	296843
	D	3P	40	4.5	AC380/400/415	NXB-63S 3P D40 4.5kA	296844
	D	3P	50	4.5	AC380/400/415	NXB-63S 3P D50 4.5kA	296845
	D	3P	63	4.5	AC380/400/415	NXB-63S 3P D63 4.5kA	296846
	D	3P+N	1	4.5	AC380/400/415	NXB-63S 3P+N D1 4.5kA N on right	296873
	D	3P+N	2	4.5	AC380/400/415	NXB-63S 3P+N D2 4.5kA N on right	296874
	D	3P+N	3	4.5	AC380/400/415	NXB-63S 3P+N D3 4.5kA N on right	296875
	D	3P+N	4	4.5	AC380/400/415	NXB-63S 3P+N D4 4.5kA N on right	296876
	D	3P+N	6	4.5	AC380/400/415	NXB-63S 3P+N D6 4.5kA N on right	296877
	D	3P+N	10	4.5	AC380/400/415	NXB-63S 3P+N D10 4.5kA N on right	296878
	D	3P+N	16	4.5	AC380/400/415	NXB-63S 3P+N D16 4.5kA N on right	296879
	D	3P+N	20	4.5	AC380/400/415	NXB-63S 3P+N D20 4.5kA N on right	296880
	D	3P+N	25	4.5	AC380/400/415	NXB-63S 3P+N D25 4.5kA N on right	296881
	D	3P+N	32	4.5	AC380/400/415	NXB-63S 3P+N D32 4.5kA N on right	296882
	D	3P+N	40	4.5	AC380/400/415	NXB-63S 3P+N D40 4.5kA N on right	296883
	D	3P+N	50	4.5	AC380/400/415	NXB-63S 3P+N D50 4.5kA N on right	296884
	D	3P+N	63	4.5	AC380/400/415	NXB-63S 3P+N D63 4.5kA N on right	296885