



1. General Description

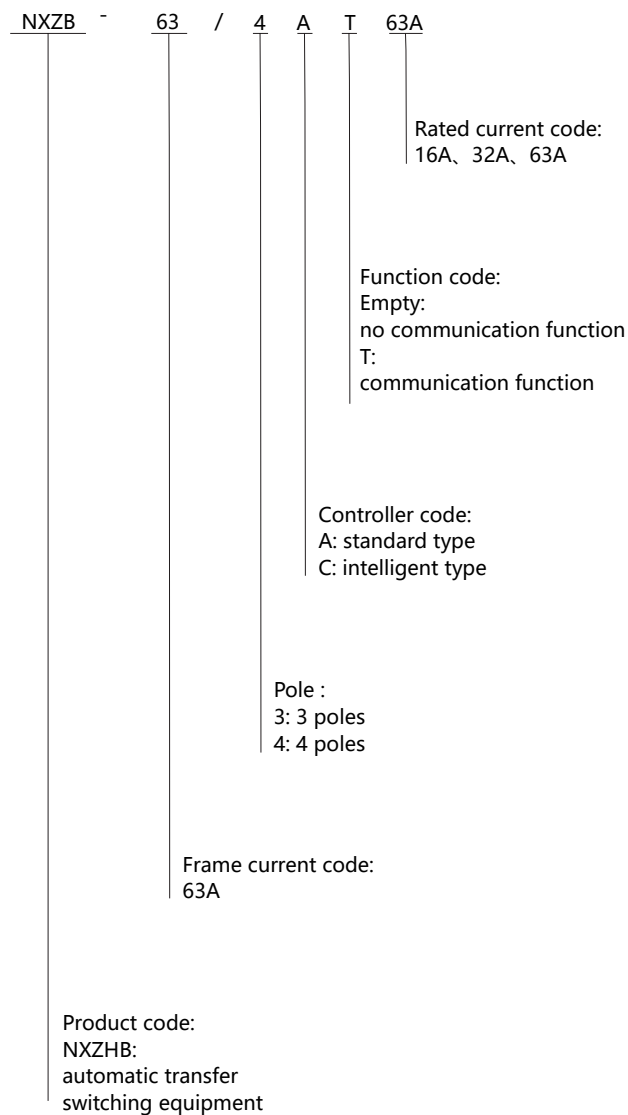
1.1.2 This product is applicable to industrial and commercial power use places, high-rise buildings, and residential houses.

1.2.1 Product standard
IEC 60947-1.
IEC 60947-6-1.

IEC 60068-2-1. (Low Temperature)
IEC 60068-2-2. (High Temperature)
IEC 60068-2-30. (Cyclic Damp Heat)
IEC 60068-2-11. (Salt mist)

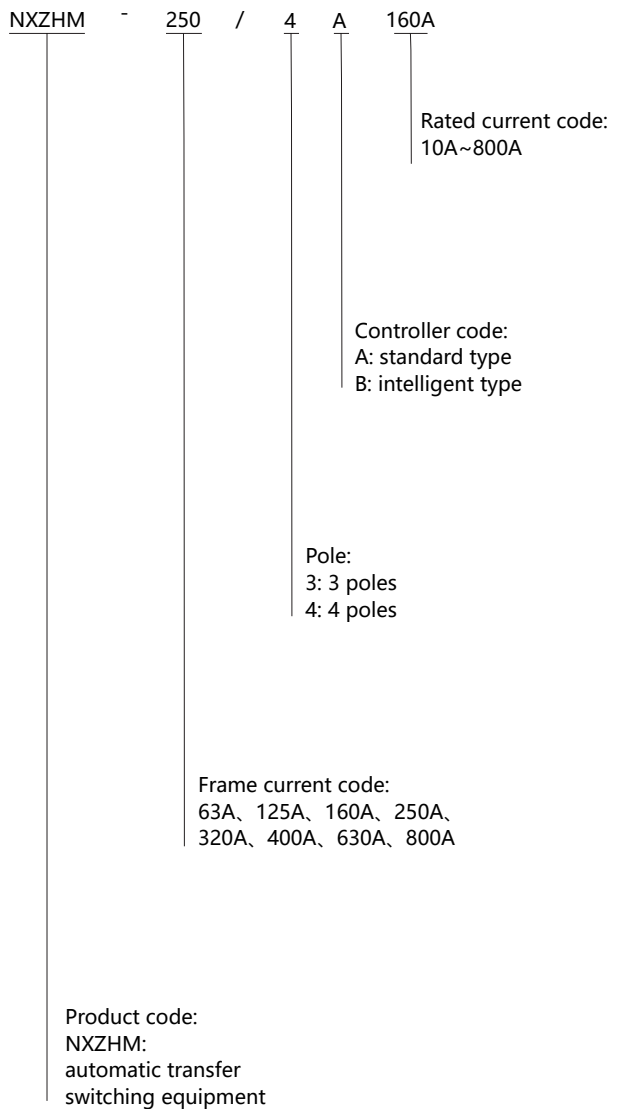
Electrostatic discharge (IEC 61000-4-2) Level 2
Radio-frequency electromagnetic field-radiated
electromagnetic field immunity (IEC 61000-4-3) Level 3,
Fast transient bursts (IEC 61000-4-4) Level 3,
Surges (IEC 61000-4-5) Level 3, Radio-frequency
electromagnetic field-conducted immunity (IEC 61000-4-6)
Level 3, Radiation grade (CISPR11) grade B,

NXZHB-63 (Class PC)



Type selection example:
NXZHB-63/4A 63A: To order a PC grade automatic transfer switching equipment, the frame current is 63A, number of poles is 4P, rated current is 63A, with a standard controller (A type).

NXZHM (Class PC)



Type selection example:
NXZHM-250/4A 250A: To order a PC grade automatic transfer switching equipment, the frame current is 250A, number of poles is 4P, rated current is 250A, with a standard controller (A type)

Comparison Table of Frame Current and Rated Current

[illegible]

Model	NXZM-63	NXZM-125	NXZM-160	NXZM-250	NXZM-400	NXZM-630	NXZM-800	
Electrical characteristics								
Execution body	NXM-63	NXM-125	NXM-160	NXM-250	NXM-400	NXM-630	NXM-800	
Frame current (A)	63	125	160	250	400	630	800	
Rated current (A)	10, 16, 25, 32, 40, 50, 63	63, 80, 100, 125	125, 160	160, 180, 200, 225, 250	250, 315, 350, 400	400, 500, 630	630, 700, 800	
Rated operational voltage Ue (V)	400/415 50Hz							
Rated insulation voltage Ui (V)	AC800	AC800	AC800	AC1000	AC1000	AC1000	AC1000	
Rated impulse voltage Uimp (kV)	8				12			
Use type	AC-33B							
Number of poles	3P、4P							
Rated short-circuit making capacity Icm (kA)	S: 52.5 H: 105	S: 52.5 H: 105	S: 73.5 H: 105	S: 73.5 H: 105	S: 105 H: 154	S: 105 H: 154	S: 105 H: 165	
Rated short-circuit breaking capacity Icn (kA)	S: 25 H: 50	S: 25 H: 50	S: 35 H: 50	S: 35 H: 50	S: 50 H: 70	S: 50 H: 70	S: 50 H: 75	
Mechanical endurance (times)	10000	10000	8000	6000	4000	4000	4000	
Electrical endurance (times)	2000	2000	2000	2000	1500	1500	1000	
Controller characteristics								
Controller model	A type (standard), B type (intelligent)							
Operating transfer (s)	2.8 × (1±10%)	2.8 × (1±10%)	3.3 × (1±10%)	3.3 × (1±10%)	3.3 × (1±10%)	3.5 × (1±10%)	3.5 × (1±10%)	4 × (1±10%)
Installation mode	Integrated, split							
Rated control power source voltage Ue(V)	230/240 50Hz							
Control voltage range	85%~110%Ue							

NXZM Series

Frame Current	Rated Current	Description	Code
125A	100A	NXZM-125H/3A 100A	297185
	125A	NXZM-125H/3A 125A	297184
	63A	NXZM-125H/3A 63A	297183
	80A	NXZM-125H/3A 80A	297182
	100A	NXZM-125H/3B 100A	256785
	125A	NXZM-125H/3B 125A	256784
	63A	NXZM-125H/3B 63A	256783
	80A	NXZM-125H/3B 80A	256782
	100A	NXZM-125H/4A 100A	437579
	125A	NXZM-125H/4A 125A	437580
	63A	NXZM-125H/4A 63A	437577
	80A	NXZM-125H/4A 80A	437578
	100A	NXZM-125H/4B 100A	267515
	125A	NXZM-125H/4B 125A	267516
	63A	NXZM-125H/4B 63A	267513
	80A	NXZM-125H/4B 80A	267514
	100A	NXZM-125S/3A 100A	297181
	125A	NXZM-125S/3A 125A	297180
	63A	NXZM-125S/3A 63A	297179
	80A	NXZM-125S/3A 80A	297178
	100A	NXZM-125S/3B 100A	256781
	125A	NXZM-125S/3B 125A	256780
	63A	NXZM-125S/3B 63A	256779
	80A	NXZM-125S/3B 80A	256778
	100A	NXZM-125S/4A 100A	297189
	125A	NXZM-125S/4A 125A	297188
	63A	NXZM-125S/4A 63A	297187
	80A	NXZM-125S/4A 80A	297186
	100A	NXZM-125S/4B 100A	256789
	125A	NXZM-125S/4B 125A	256788
	63A	NXZM-125S/4B 63A	256787
	80A	NXZM-125S/4B 80A	256786
160A	125A	NXZM-160H/3A 125A	297193
	160A	NXZM-160H/3A 160A	297192
	125A	NXZM-160H/3B 125A	256793
	160A	NXZM-160H/3B 160A	256792
	125A	NXZM-160S/3A 125A	297191
	160A	NXZM-160S/3A 160A	297190
	125A	NXZM-160S/3B 125A	256791
	160A	NXZM-160S/3B 160A	256790
	125A	NXZM-160S/4A 125A	297195
	160A	NXZM-160S/4A 160A	297194
	125A	NXZM-160S/4B 125A	256795
	160A	NXZM-160S/4B 160A	256794