



NL1 Residual Current Circuit Breaker (ELM)

1. General

1.1 Function

Control electric circuits.

Protect people against indirect contacts and additional protection against direct contacts.

Protect installations against fire hazard due to insulation faults.

Residual current circuit breakers are used in housing, tertiary sector and industry.

1.2 Selection

Detectable wave form

AC type

Tripping is ensured for slowly increasing sinusoidal AC residual currents.

A type

Tripping is ensured for sinusoidal AC residual currents and for pulsed DC residual currents, whether applied suddenly or increasing slowly.

S, G/SI type

Tripping is ensured not only for sinusoidal AC residual currents but also for pulsed DC residual currents whether applied suddenly or increasing slowly. S, G/SI type with filters against spurious tripping caused by harmonics and transient surges. With the impact of 8/20us surge 3000A, this high immunity RCCB will still be in stable status.

Tripping sensitivity

10mA - precision instrument leakage protection and bathroom use.

30mA - additional protection against direct contact.

100mA - co-ordinated with the earth system according to the formula $I\Delta n < 50/R$, to provide protection against indirect contacts; 300mA/500mA - protection against indirect contacts, as well as fire hazard.

Tripping time

Instantaneous

It ensures instantaneous tripping (without time-delay).

Short time delay G/SI

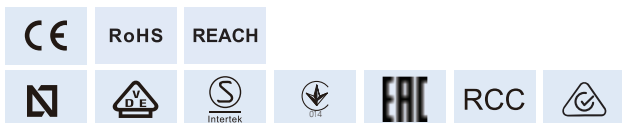
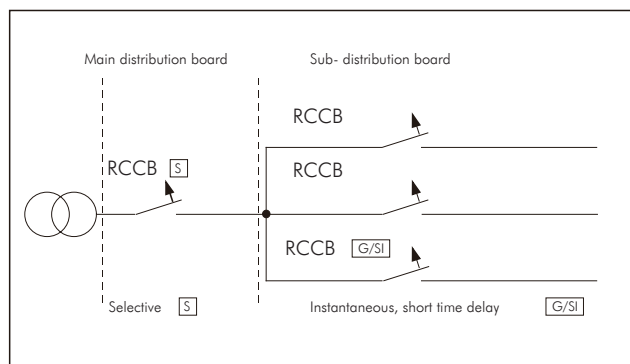
It ensures any tripping at least 10ms.

Selective S

It ensures total discrimination with a nonselective RCD placed downstream.

1.3 Approvals and certificates

Detailed information, please refer to Certificates Table on the last page.



2. Technical data

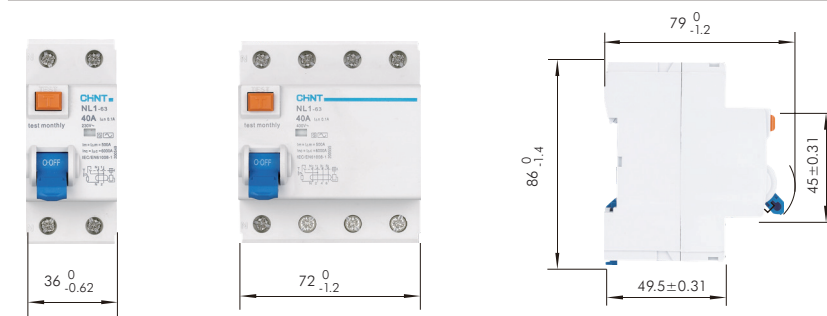
	Standard		IEC/EN 61008-1					IEC/EN 62423 & IEC/EN 61008-1
Electrical features	Type (wave form of the earth leakage sensed)		A	AC-G,A-G,A-SI	AC,A	AC-S,A-S		F
	Rated current I _n	A	16, 25, 32, 40, 63	16, 25, 32, 40, 63	80,100	63,80,100		25,40,63
	Poles		2P, 4P					
	Rated voltage U _e	V	230/400~240/415, 110/127 (2P)			230/400~240/415		
	Rated sensitivity I _{Δn}	A	0.01 for 2P 32A, 0.03, 0.1, 0.3, 0.5	0.03, 0.1, 0.3	0.03, 0.1, 0.3	0.1, 0.3		0.03, 0.1, 0.3
	Insulation voltage U _i	V	500					
	Rated residual making and breaking capacity I _{Δm}	A	500 (I _n =25A/40A)	500 (I _n =25A/40A)	1000 (I _n =80A/100A)	1000(I _n =63A/80A/100A)		500 (I _n =25A/40A)
			630 (I _n =63A)	630 (I _n =63A)				630 (I _n =63A)
	Conditional rated short circuit current (I _{nc} /I _{Δc})	A	6000/10000					
	SCPD fuse	A	 10000					
	break time under I _{Δn}	s	≤0.1(Normal type), 10ms~300ms(G/SI type).			≤0.3(Normal type)	150ms~500ms(S type)	≤0.1(Normal type)
	Rated frequency	Hz	50/60					
	Rated impulse withstand voltage(1.2/50) U _{imp}	V	4000					
	Dielectric test voltage at ind. Freq. for 1 min	kV	2					
	Pollution degree		2					
Mechanical features	Electrical life		4, 000					
	Mechanical life		4, 000					
	Fault current indicator		Yes					
	Protection degree		IP20					
	Ambient temperature (with daily average≤35°C)	°C	-25...+70					
	Storage temperature	°C	-25...+70					
Installation	Terminal connection type		Cable/U-type busbar/Pin-type busbar					
	Terminal size top/bottom for cable	mm ²	25/35					
		AWG	18-3/18-2					
	Terminal size top/bottom for busbar	mm ²	10/16					
		AWG	18-8/18-5					
	Tightening torque	N·m	2.5					
		In-lbs.	22					
	Mounting		On DIN rail EN 60715 (35mm) by means of fast clip device					
	Connection		From top or bottom					
	Weight	kg	2P:0.27, 4P:0.37					

2.2 Temperature derating

Influence of the ambient temperature to the maximum continuous current(A)

Ambient temperature	16A		25A		40A		63A		80A		100A	
	2P	4P	2P	4P	2P	4P	2P	4P	2P	4P	2P	4P
40 °C	16A	16A	25A	25A	40A	40A	63A	63A	80A	80A	100A	100A
45 °C	14A	14A	21 A	22A	37A	37A	59A	59A	76A	76A	95A	95A
50 °C	11A	11A	18A	19A	33A	34A	55A	55A	72A	72A	90A	90A
55 °C	9A	9A	14A	16A	30A	31 A	50A	50A	68A	68A	85A	85A
60 °C	—	—	—	—	26A	27A	45A	45A	64A	64A	80A	80A
70 °C	—	—	—	—	—	—	32A	32A	60A	60A	76A	76A

3. Overall and mounting dimensions (mm)



NL1-63	2P	16A	30mA	A	6kA	DB	AX
↓	↓	↓	↓	↓	↓	↓	↓
Frame	Poles	Current(In)	Rated sensitivity (IΔn)	Leakage type	Breaking capacity	Busbar	Accessory adaptation
NL1-63	2P 4P	16A 25A 32A 40A 63A	10mA 30mA 100mA 300mA 500mA	A A-G A-S A-SI AC AC-G AC-S F	6kA 10kA	Blank: Single Busbar DB: Double Busbar	AX: can be equipped with AX-5

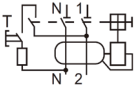
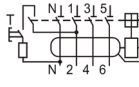
Diagram	Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage type	Description	Code
	2P	16	6	AC230/240V	100	A	NL1-63 2P 16A 100mA A 6kA DBAX	527243
	2P	16	6	AC230/240V	10	A	NL1-63 2P 16A 10mA A 6kA DBAX	527225
	2P	16	6	AC230/240V	300	A	NL1-63 2P 16A 300mA A 6kA DBAX	527253
	2P	16	6	AC230/240V	30	A	NL1-63 2P 16A 30mA A 6kA DBAX	527233
	2P	25	6	AC230/240V	100	A	NL1-63 2P 25A 100mA A 6kA DBAX	527244
	2P	25	6	AC230/240V	10	A	NL1-63 2P 25A 10mA A 6kA DBAX	527226
	2P	25	6	AC230/240V	300	A	NL1-63 2P 25A 300mA A 6kA DBAX	527254
	2P	25	6	AC230/240V	30	A	NL1-63 2P 25A 30mA A 6kA DBAX	527234
	2P	32	6	AC230/240V	100	A	NL1-63 2P 32A 100mA A 6kA DBAX	527245
	2P	32	6	AC230/240V	10	A	NL1-63 2P 32A 10mA A 6kA DBAX	527227
	2P	32	6	AC230/240V	300	A	NL1-63 2P 32A 300mA A 6kA DBAX	527255
	2P	32	6	AC230/240V	30	A	NL1-63 2P 32A 30mA A 6kA DBAX	527235
	2P	40	6	AC230/240V	100	A	NL1-63 2P 40A 100mA A 6kA DBAX	527246
	2P	40	6	AC230/240V	300	A	NL1-63 2P 40A 300mA A 6kA DBAX	527256
	2P	40	6	AC230/240V	30	A	NL1-63 2P 40A 30mA A 6kA DBAX	527236
	2P	63	6	AC230/240V	100	A	NL1-63 2P 63A 100mA A 6kA DBAX	527247
	2P	63	6	AC230/240V	300	A	NL1-63 2P 63A 300mA A 6kA DBAX	527257
	2P	63	6	AC230/240V	30	A	NL1-63 2P 63A 30mA A 6kA DBAX	527237
	4P	16	6	AC400/415V	100	A	NL1-63 4P 16A 100mA A 6kA DBAX	527348
	4P	16	6	AC400/415V	300	A	NL1-63 4P 16A 300mA A 6kA DBAX	527358
	4P	16	6	AC400/415V	30	A	NL1-63 4P 16A 30mA A 6kA DBAX	527338
	4P	25	6	AC400/415V	100	A	NL1-63 4P 25A 100mA A 6kA DBAX	527349
	4P	25	6	AC400/415V	300	A	NL1-63 4P 25A 300mA A 6kA DBAX	527359
	4P	25	6	AC400/415V	30	A	NL1-63 4P 25A 30mA A 6kA DBAX	527339
	4P	32	6	AC400/415V	100	A	NL1-63 4P 32A 100mA A 6kA DBAX	527350
	4P	32	6	AC400/415V	300	A	NL1-63 4P 32A 300mA A 6kA DBAX	527360
	4P	32	6	AC400/415V	30	A	NL1-63 4P 32A 30mA A 6kA DBAX	527340
	4P	40	6	AC400/415V	100	A	NL1-63 4P 40A 100mA A 6kA DBAX	527351
	4P	40	6	AC400/415V	300	A	NL1-63 4P 40A 300mA A 6kA DBAX	527361
	4P	40	6	AC400/415V	30	A	NL1-63 4P 40A 30mA A 6kA DBAX	527341
	4P	63	6	AC400/415V	100	A	NL1-63 4P 63A 100mA A 6kA DBAX	527352
	4P	63	6	AC400/415V	300	A	NL1-63 4P 63A 300mA A 6kA DBAX	527362
	4P	63	6	AC400/415V	30	A	NL1-63 4P 63A 30mA A 6kA DBAX	527342

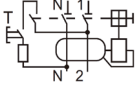
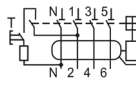
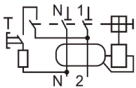
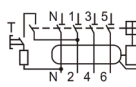
Diagram	Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage type	Description	Code
	2P	16	6	AC230/240V	100	A-G	NL1-63 2P 16A 100mA A-G 6kA DBAX	527278
	2P	16	6	AC230/240V	300	A-G	NL1-63 2P 16A 300mA A-G 6kA DBAX	527288
	2P	16	6	AC230/240V	30	A-G	NL1-63 2P 16A 30mA A-G 6kA DBAX	527268
	2P	25	6	AC230/240V	100	A-G	NL1-63 2P 25A 100mA A-G 6kA DBAX	527279
	2P	25	6	AC230/240V	300	A-G	NL1-63 2P 25A 300mA A-G 6kA DBAX	527289
	2P	25	6	AC230/240V	30	A-G	NL1-63 2P 25A 30mA A-G 6kA DBAX	527269
	2P	32	6	AC230/240V	100	A-G	NL1-63 2P 32A 100mA A-G 6kA DBAX	527280
	2P	32	6	AC230/240V	300	A-G	NL1-63 2P 32A 300mA A-G 6kA DBAX	527290
	2P	32	6	AC230/240V	30	A-G	NL1-63 2P 32A 30mA A-G 6kA DBAX	527270
	2P	40	6	AC230/240V	100	A-G	NL1-63 2P 40A 100mA A-G 6kA DBAX	527281
	2P	40	6	AC230/240V	300	A-G	NL1-63 2P 40A 300mA A-G 6kA DBAX	527291
	2P	40	6	AC230/240V	30	A-G	NL1-63 2P 40A 30mA A-G 6kA DBAX	527271
	2P	63	6	AC230/240V	100	A-G	NL1-63 2P 63A 100mA A-G 6kA DBAX	527282
	2P	63	6	AC230/240V	300	A-G	NL1-63 2P 63A 300mA A-G 6kA DBAX	527292
	2P	63	6	AC230/240V	30	A-G	NL1-63 2P 63A 30mA A-G 6kA DBAX	527272
	4P	16	6	AC400/415V	100	A-G	NL1-63 4P 16A 100mA A-G 6kA DBAX	527383
	4P	16	6	AC400/415V	300	A-G	NL1-63 4P 16A 300mA A-G 6kA DBAX	527393
	4P	16	6	AC400/415V	30	A-G	NL1-63 4P 16A 30mA A-G 6kA DBAX	527373
	4P	25	6	AC400/415V	100	A-G	NL1-63 4P 25A 100mA A-G 6kA DBAX	527384
	4P	25	6	AC400/415V	300	A-G	NL1-63 4P 25A 300mA A-G 6kA DBAX	527394
	4P	25	6	AC400/415V	30	A-G	NL1-63 4P 25A 30mA A-G 6kA DBAX	527374
	4P	32	6	AC400/415V	100	A-G	NL1-63 4P 32A 100mA A-G 6kA DBAX	527385
	4P	32	6	AC400/415V	300	A-G	NL1-63 4P 32A 300mA A-G 6kA DBAX	527395
	4P	32	6	AC400/415V	30	A-G	NL1-63 4P 32A 30mA A-G 6kA DBAX	527375
	4P	40	6	AC400/415V	100	A-G	NL1-63 4P 40A 100mA A-G 6kA DBAX	527386
	4P	40	6	AC400/415V	300	A-G	NL1-63 4P 40A 300mA A-G 6kA DBAX	527396
	4P	40	6	AC400/415V	30	A-G	NL1-63 4P 40A 30mA A-G 6kA DBAX	527376
	4P	63	6	AC400/415V	100	A-G	NL1-63 4P 63A 100mA A-G 6kA DBAX	527387
	4P	63	6	AC400/415V	300	A-G	NL1-63 4P 63A 300mA A-G 6kA DBAX	527397
	4P	63	6	AC400/415V	30	A-G	NL1-63 4P 63A 30mA A-G 6kA DBAX	527377
	2P	25	6	AC230/240V	100	A-S	NL1-63 2P 25A 100mA A-S 6kA DBAX	527317
	2P	25	6	AC230/240V	300	A-S	NL1-63 2P 25A 300mA A-S 6kA DBAX	527325
	2P	32	6	AC230/240V	100	A-S	NL1-63 2P 32A 100mA A-S 6kA DBAX	527318
	2P	32	6	AC230/240V	300	A-S	NL1-63 2P 32A 300mA A-S 6kA DBAX	527326
	2P	40	6	AC230/240V	100	A-S	NL1-63 2P 40A 100mA A-S 6kA DBAX	527319
	2P	40	6	AC230/240V	300	A-S	NL1-63 2P 40A 300mA A-S 6kA DBAX	527327
	2P	63	6	AC230/240V	100	A-S	NL1-63 2P 63A 100mA A-S 6kA DBAX	527320
	2P	63	6	AC230/240V	300	A-S	NL1-63 2P 63A 300mA A-S 6kA DBAX	527328
	4P	25	6	AC400/415V	100	A-S	NL1-63 4P 25A 100mA A-S 6kA DBAX	527422
	4P	25	6	AC400/415V	300	A-S	NL1-63 4P 25A 300mA A-S 6kA DBAX	527430
	4P	32	6	AC400/415V	100	A-S	NL1-63 4P 32A 100mA A-S 6kA DBAX	527423
	4P	32	6	AC400/415V	300	A-S	NL1-63 4P 32A 300mA A-S 6kA DBAX	527431
	4P	40	6	AC400/415V	100	A-S	NL1-63 4P 40A 100mA A-S 6kA DBAX	527424
	4P	40	6	AC400/415V	300	A-S	NL1-63 4P 40A 300mA A-S 6kA DBAX	527432
	4P	63	6	AC400/415V	100	A-S	NL1-63 4P 63A 100mA A-S 6kA DBAX	527425
	4P	63	6	AC400/415V	300	A-S	NL1-63 4P 63A 300mA A-S 6kA DBAX	527433

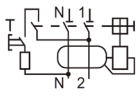
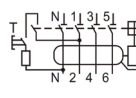
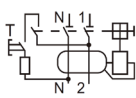
Diagram	Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage type	Description	Code
	2P	16	6	AC230/240V	100	A-SI	NL1-63 2P 16A 100mA A-SI 6kA DBAX	527303
	2P	16	6	AC230/240V	300	A-SI	NL1-63 2P 16A 300mA A-SI 6kA DBAX	527308
	2P	16	6	AC230/240V	30	A-SI	NL1-63 2P 16A 30mA A-SI 6kA DBAX	527298
	2P	25	6	AC230/240V	100	A-SI	NL1-63 2P 25A 100mA A-SI 6kA DBAX	527304
	2P	25	6	AC230/240V	300	A-SI	NL1-63 2P 25A 300mA A-SI 6kA DBAX	527309
	2P	25	6	AC230/240V	30	A-SI	NL1-63 2P 25A 30mA A-SI 6kA DBAX	527299
	2P	32	6	AC230/240V	100	A-SI	NL1-63 2P 32A 100mA A-SI 6kA DBAX	527305
	2P	32	6	AC230/240V	300	A-SI	NL1-63 2P 32A 300mA A-SI 6kA DBAX	527310
	2P	32	6	AC230/240V	30	A-SI	NL1-63 2P 32A 30mA A-SI 6kA DBAX	527300
	2P	40	6	AC230/240V	100	A-SI	NL1-63 2P 40A 100mA A-SI 6kA DBAX	527306
	2P	40	6	AC230/240V	300	A-SI	NL1-63 2P 40A 300mA A-SI 6kA DBAX	527311
	2P	40	6	AC230/240V	30	A-SI	NL1-63 2P 40A 30mA A-SI 6kA DBAX	527301
	2P	63	6	AC230/240V	100	A-SI	NL1-63 2P 63A 100mA A-SI 6kA DBAX	527307
	2P	63	6	AC230/240V	300	A-SI	NL1-63 2P 63A 300mA A-SI 6kA DBAX	527312
	2P	63	6	AC230/240V	30	A-SI	NL1-63 2P 63A 30mA A-SI 6kA DBAX	527302
	4P	16	6	AC400/415V	100	A-SI	NL1-63 4P 16A 100mA A-SI 6kA DBAX	527408
	4P	16	6	AC400/415V	300	A-SI	NL1-63 4P 16A 300mA A-SI 6kA DBAX	527413
	4P	16	6	AC400/415V	30	A-SI	NL1-63 4P 16A 30mA A-SI 6kA DBAX	527403
	4P	25	6	AC400/415V	100	A-SI	NL1-63 4P 25A 100mA A-SI 6kA DBAX	527409
	4P	25	6	AC400/415V	300	A-SI	NL1-63 4P 25A 300mA A-SI 6kA DBAX	527414
	4P	25	6	AC400/415V	30	A-SI	NL1-63 4P 25A 30mA A-SI 6kA DBAX	527404
	4P	32	6	AC400/415V	100	A-SI	NL1-63 4P 32A 100mA A-SI 6kA DBAX	527410
	4P	32	6	AC400/415V	300	A-SI	NL1-63 4P 32A 300mA A-SI 6kA DBAX	527415
	4P	32	6	AC400/415V	30	A-SI	NL1-63 4P 32A 30mA A-SI 6kA DBAX	527405
	4P	40	6	AC400/415V	100	A-SI	NL1-63 4P 40A 100mA A-SI 6kA DBAX	527411
	4P	40	6	AC400/415V	300	A-SI	NL1-63 4P 40A 300mA A-SI 6kA DBAX	527416
	4P	40	6	AC400/415V	30	A-SI	NL1-63 4P 40A 30mA A-SI 6kA DBAX	527406
	4P	63	6	AC400/415V	100	A-SI	NL1-63 4P 63A 100mA A-SI 6kA DBAX	527412
	4P	63	6	AC400/415V	300	A-SI	NL1-63 4P 63A 300mA A-SI 6kA DBAX	527417
	4P	63	6	AC400/415V	30	A-SI	NL1-63 4P 63A 30mA A-SI 6kA DBAX	527407
	2P	16	6	AC230/240V	100	AC	NL1-63 2P 16A 100mA AC 6kA DBAX	527238
	2P	16	6	AC230/240V	10	AC	NL1-63 2P 16A 10mA AC 6kA DBAX	527222
	2P	16	6	AC230/240V	300	AC	NL1-63 2P 16A 300mA AC 6kA DBAX	527248
	2P	16	6	AC230/240V	30	AC	NL1-63 2P 16A 30mA AC 6kA DBAX	527228
	2P	16	6	AC230/240V	500	AC	NL1-63 2P 16A 500mA AC 6kA DBAX	527258
	2P	25	6	AC230/240V	100	AC	NL1-63 2P 25A 100mA AC 6kA DBAX	527239
	2P	25	6	AC230/240V	10	AC	NL1-63 2P 25A 10mA AC 6kA DBAX	527223
	2P	25	6	AC230/240V	300	AC	NL1-63 2P 25A 300mA AC 6kA DBAX	527249
	2P	25	6	AC230/240V	30	AC	NL1-63 2P 25A 30mA AC 6kA DBAX	527229
	2P	25	6	AC230/240V	500	AC	NL1-63 2P 25A 500mA AC 6kA DBAX	527259
	2P	32	6	AC230/240V	100	AC	NL1-63 2P 32A 100mA AC 6kA DBAX	527240
	2P	32	6	AC230/240V	10	AC	NL1-63 2P 32A 10mA AC 6kA DBAX	527224
	2P	32	6	AC230/240V	300	AC	NL1-63 2P 32A 300mA AC 6kA DBAX	527250
	2P	32	6	AC230/240V	30	AC	NL1-63 2P 32A 30mA AC 6kA DBAX	527230
	2P	32	6	AC230/240V	500	AC	NL1-63 2P 32A 500mA AC 6kA DBAX	527260
	2P	40	6	AC230/240V	100	AC	NL1-63 2P 40A 100mA AC 6kA DBAX	527241
	2P	40	6	AC230/240V	300	AC	NL1-63 2P 40A 300mA AC 6kA DBAX	527251
	2P	40	6	AC230/240V	30	AC	NL1-63 2P 40A 30mA AC 6kA DBAX	527231
	2P	40	6	AC230/240V	500	AC	NL1-63 2P 40A 500mA AC 6kA DBAX	527261
	2P	63	6	AC230/240V	100	AC	NL1-63 2P 63A 100mA AC 6kA DBAX	527242
	2P	63	6	AC230/240V	300	AC	NL1-63 2P 63A 300mA AC 6kA DBAX	527252
	2P	63	6	AC230/240V	30	AC	NL1-63 2P 63A 30mA AC 6kA DBAX	527232
	2P	63	6	AC230/240V	500	AC	NL1-63 2P 63A 500mA AC 6kA DBAX	527262

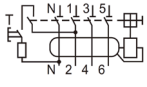
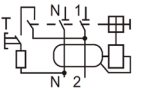
Diagram	Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage type	Description	Code
	4P	16	6	AC400/415V	100	AC	NL1-63 4P 16A 100mA AC 6kA DBAX	527343
	4P	16	6	AC400/415V	300	AC	NL1-63 4P 16A 300mA AC 6kA DBAX	527353
	4P	16	6	AC400/415V	30	AC	NL1-63 4P 16A 30mA AC 6kA DBAX	527333
	4P	16	6	AC400/415V	500	AC	NL1-63 4P 16A 500mA AC 6kA DBAX	527363
	4P	25	6	AC400/415V	100	AC	NL1-63 4P 25A 100mA AC 6kA DBAX	527344
	4P	25	6	AC400/415V	300	AC	NL1-63 4P 25A 300mA AC 6kA DBAX	527354
	4P	25	6	AC400/415V	30	AC	NL1-63 4P 25A 30mA AC 6kA DBAX	527334
	4P	25	6	AC400/415V	500	AC	NL1-63 4P 25A 500mA AC 6kA DBAX	527364
	4P	32	6	AC400/415V	100	AC	NL1-63 4P 32A 100mA AC 6kA DBAX	527345
	4P	32	6	AC400/415V	300	AC	NL1-63 4P 32A 300mA AC 6kA DBAX	527355
	4P	32	6	AC400/415V	30	AC	NL1-63 4P 32A 30mA AC 6kA DBAX	527335
	4P	32	6	AC400/415V	500	AC	NL1-63 4P 32A 500mA AC 6kA DBAX	527365
	4P	40	6	AC400/415V	100	AC	NL1-63 4P 40A 100mA AC 6kA DBAX	527346
	4P	40	6	AC400/415V	300	AC	NL1-63 4P 40A 300mA AC 6kA DBAX	527356
	4P	40	6	AC400/415V	30	AC	NL1-63 4P 40A 30mA AC 6kA DBAX	527336
	4P	40	6	AC400/415V	500	AC	NL1-63 4P 40A 500mA AC 6kA DBAX	527366
	4P	63	6	AC400/415V	100	AC	NL1-63 4P 63A 100mA AC 6kA DBAX	527347
	4P	63	6	AC400/415V	300	AC	NL1-63 4P 63A 300mA AC 6kA DBAX	527357
	4P	63	6	AC400/415V	30	AC	NL1-63 4P 63A 30mA AC 6kA DBAX	527337
	4P	63	6	AC400/415V	500	AC	NL1-63 4P 63A 500mA AC 6kA DBAX	527367
	2P	16	6	AC230/240V	100	AC-G	NL1-63 2P 16A 100mA AC-G 6kA DBAX	527273
	2P	16	6	AC230/240V	300	AC-G	NL1-63 2P 16A 300mA AC-G 6kA DBAX	527283
	2P	16	6	AC230/240V	30	AC-G	NL1-63 2P 16A 30mA AC-G 6kA DBAX	527263
	2P	16	6	AC230/240V	500	AC-G	NL1-63 2P 16A 500mA AC-G 6kA DBAX	527293
	2P	25	6	AC230/240V	100	AC-G	NL1-63 2P 25A 100mA AC-G 6kA DBAX	527274
	2P	25	6	AC230/240V	300	AC-G	NL1-63 2P 25A 300mA AC-G 6kA DBAX	527284
	2P	25	6	AC230/240V	30	AC-G	NL1-63 2P 25A 30mA AC-G 6kA DBAX	527264
	2P	25	6	AC230/240V	500	AC-G	NL1-63 2P 25A 500mA AC-G 6kA DBAX	527294
	2P	32	6	AC230/240V	100	AC-G	NL1-63 2P 32A 100mA AC-G 6kA DBAX	527275
	2P	32	6	AC230/240V	300	AC-G	NL1-63 2P 32A 300mA AC-G 6kA DBAX	527285
	2P	32	6	AC230/240V	30	AC-G	NL1-63 2P 32A 30mA AC-G 6kA DBAX	527265
	2P	32	6	AC230/240V	500	AC-G	NL1-63 2P 32A 500mA AC-G 6kA DBAX	527295
	2P	40	6	AC230/240V	100	AC-G	NL1-63 2P 40A 100mA AC-G 6kA DBAX	527276
	2P	40	6	AC230/240V	300	AC-G	NL1-63 2P 40A 300mA AC-G 6kA DBAX	527286
	2P	40	6	AC230/240V	30	AC-G	NL1-63 2P 40A 30mA AC-G 6kA DBAX	527266
	2P	40	6	AC230/240V	500	AC-G	NL1-63 2P 40A 500mA AC-G 6kA DBAX	527296
	2P	63	6	AC230/240V	100	AC-G	NL1-63 2P 63A 100mA AC-G 6kA DBAX	527277
	2P	63	6	AC230/240V	300	AC-G	NL1-63 2P 63A 300mA AC-G 6kA DBAX	527287
	2P	63	6	AC230/240V	30	AC-G	NL1-63 2P 63A 30mA AC-G 6kA DBAX	527267
	2P	63	6	AC230/240V	500	AC-G	NL1-63 2P 63A 500mA AC-G 6kA DBAX	527297

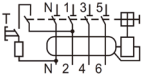
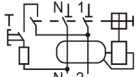
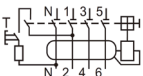
Diagram	Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage type	Description	Code
	4P	16	6	AC400/415V	100	AC-G	NL1-63 4P 16A 100mA AC-G 6kA DBAX	527378
	4P	16	6	AC400/415V	300	AC-G	NL1-63 4P 16A 300mA AC-G 6kA DBAX	527388
	4P	16	6	AC400/415V	30	AC-G	NL1-63 4P 16A 30mA AC-G 6kA DBAX	527368
	4P	16	6	AC400/415V	500	AC-G	NL1-63 4P 16A 500mA AC-G 6kA DBAX	527398
	4P	25	6	AC400/415V	100	AC-G	NL1-63 4P 25A 100mA AC-G 6kA DBAX	527379
	4P	25	6	AC400/415V	300	AC-G	NL1-63 4P 25A 300mA AC-G 6kA DBAX	527389
	4P	25	6	AC400/415V	30	AC-G	NL1-63 4P 25A 30mA AC-G 6kA DBAX	527369
	4P	25	6	AC400/415V	500	AC-G	NL1-63 4P 25A 500mA AC-G 6kA DBAX	527399
	4P	32	6	AC400/415V	100	AC-G	NL1-63 4P 32A 100mA AC-G 6kA DBAX	527380
	4P	32	6	AC400/415V	300	AC-G	NL1-63 4P 32A 300mA AC-G 6kA DBAX	527390
	4P	32	6	AC400/415V	30	AC-G	NL1-63 4P 32A 30mA AC-G 6kA DBAX	527370
	4P	32	6	AC400/415V	500	AC-G	NL1-63 4P 32A 500mA AC-G 6kA DBAX	527400
	4P	40	6	AC400/415V	100	AC-G	NL1-63 4P 40A 100mA AC-G 6kA DBAX	527381
	4P	40	6	AC400/415V	300	AC-G	NL1-63 4P 40A 300mA AC-G 6kA DBAX	527391
	4P	40	6	AC400/415V	30	AC-G	NL1-63 4P 40A 30mA AC-G 6kA DBAX	527371
	4P	40	6	AC400/415V	500	AC-G	NL1-63 4P 40A 500mA AC-G 6kA DBAX	527401
	4P	63	6	AC400/415V	100	AC-G	NL1-63 4P 63A 100mA AC-G 6kA DBAX	527382
	4P	63	6	AC400/415V	300	AC-G	NL1-63 4P 63A 300mA AC-G 6kA DBAX	527392
	4P	63	6	AC400/415V	30	AC-G	NL1-63 4P 63A 30mA AC-G 6kA DBAX	527372
	4P	63	6	AC400/415V	500	AC-G	NL1-63 4P 63A 500mA AC-G 6kA DBAX	527402
	2P	25	6	AC230/240V	100	AC-S	NL1-63 2P 25A 100mA AC-S 6kA DBAX	527313
	2P	25	6	AC230/240V	300	AC-S	NL1-63 2P 25A 300mA AC-S 6kA DBAX	527321
	2P	25	6	AC230/240V	500	AC-S	NL1-63 2P 25A 500mA AC-S 6kA DBAX	527329
	2P	32	6	AC230/240V	100	AC-S	NL1-63 2P 32A 100mA AC-S 6kA DBAX	527314
	2P	32	6	AC230/240V	300	AC-S	NL1-63 2P 32A 300mA AC-S 6kA DBAX	527322
	2P	32	6	AC230/240V	500	AC-S	NL1-63 2P 32A 500mA AC-S 6kA DBAX	527330
	2P	40	6	AC230/240V	100	AC-S	NL1-63 2P 40A 100mA AC-S 6kA DBAX	527315
	2P	40	6	AC230/240V	300	AC-S	NL1-63 2P 40A 300mA AC-S 6kA DBAX	527323
	2P	40	6	AC230/240V	500	AC-S	NL1-63 2P 40A 500mA AC-S 6kA DBAX	527331
	2P	63	6	AC230/240V	100	AC-S	NL1-63 2P 63A 100mA AC-S 6kA DBAX	527316
	2P	63	6	AC230/240V	300	AC-S	NL1-63 2P 63A 300mA AC-S 6kA DBAX	527324
	2P	63	6	AC230/240V	500	AC-S	NL1-63 2P 63A 500mA AC-S 6kA DBAX	527332
	4P	25	6	AC400/415V	100	AC-S	NL1-63 4P 25A 100mA AC-S 6kA DBAX	527418
	4P	25	6	AC400/415V	300	AC-S	NL1-63 4P 25A 300mA AC-S 6kA DBAX	527426
	4P	25	6	AC400/415V	500	AC-S	NL1-63 4P 25A 500mA AC-S 6kA DBAX	527434
	4P	32	6	AC400/415V	100	AC-S	NL1-63 4P 32A 100mA AC-S 6kA DBAX	527419
	4P	32	6	AC400/415V	300	AC-S	NL1-63 4P 32A 300mA AC-S 6kA DBAX	527427
	4P	32	6	AC400/415V	500	AC-S	NL1-63 4P 32A 500mA AC-S 6kA DBAX	527435
	4P	40	6	AC400/415V	100	AC-S	NL1-63 4P 40A 100mA AC-S 6kA DBAX	527420
	4P	40	6	AC400/415V	300	AC-S	NL1-63 4P 40A 300mA AC-S 6kA DBAX	527428
	4P	40	6	AC400/415V	500	AC-S	NL1-63 4P 40A 500mA AC-S 6kA DBAX	527436
	4P	63	6	AC400/415V	100	AC-S	NL1-63 4P 63A 100mA AC-S 6kA DBAX	527421
	4P	63	6	AC400/415V	300	AC-S	NL1-63 4P 63A 300mA AC-S 6kA DBAX	527429
	4P	63	6	AC400/415V	500	AC-S	NL1-63 4P 63A 500mA AC-S 6kA DBAX	527437

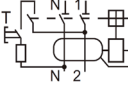
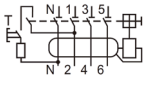
Diagram	Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage type	Description	Code
	2P	16	10	AC230/240V	100	A	NL1-63 2P 16A 100mA A 10kA DBAX	527459
	2P	16	10	AC230/240V	10	A	NL1-63 2P 16A 10mA A 10kA DBAX	527441
	2P	16	10	AC230/240V	300	A	NL1-63 2P 16A 300mA A 10kA DBAX	527469
	2P	16	10	AC230/240V	30	A	NL1-63 2P 16A 30mA A 10kA DBAX	527449
	2P	25	10	AC230/240V	100	A	NL1-63 2P 25A 100mA A 10kA DBAX	527460
	2P	25	10	AC230/240V	10	A	NL1-63 2P 25A 10mA A 10kA DBAX	527442
	2P	25	10	AC230/240V	300	A	NL1-63 2P 25A 300mA A 10kA DBAX	527470
	2P	25	10	AC230/240V	30	A	NL1-63 2P 25A 30mA A 10kA DBAX	527450
	2P	32	10	AC230/240V	100	A	NL1-63 2P 32A 100mA A 10kA DBAX	527461
	2P	32	10	AC230/240V	10	A	NL1-63 2P 32A 10mA A 10kA DBAX	527443
	2P	32	10	AC230/240V	300	A	NL1-63 2P 32A 300mA A 10kA DBAX	527471
	2P	32	10	AC230/240V	30	A	NL1-63 2P 32A 30mA A 10kA DBAX	527451
	2P	40	10	AC230/240V	100	A	NL1-63 2P 40A 100mA A 10kA DBAX	527462
	2P	40	10	AC230/240V	300	A	NL1-63 2P 40A 300mA A 10kA DBAX	527472
	2P	40	10	AC230/240V	30	A	NL1-63 2P 40A 30mA A 10kA DBAX	527452
	2P	63	10	AC230/240V	100	A	NL1-63 2P 63A 100mA A 10kA DBAX	527463
	2P	63	10	AC230/240V	300	A	NL1-63 2P 63A 300mA A 10kA DBAX	527473
	2P	63	10	AC230/240V	30	A	NL1-63 2P 63A 30mA A 10kA DBAX	527453
	4P	16	10	AC400/415V	100	A	NL1-63 4P 16A 100mA A 10kA DBAX	527564
	4P	16	10	AC400/415V	300	A	NL1-63 4P 16A 300mA A 10kA DBAX	527574
	4P	16	10	AC400/415V	30	A	NL1-63 4P 16A 30mA A 10kA DBAX	527554
	4P	25	10	AC400/415V	100	A	NL1-63 4P 25A 100mA A 10kA DBAX	527565
	4P	25	10	AC400/415V	300	A	NL1-63 4P 25A 300mA A 10kA DBAX	527575
	4P	25	10	AC400/415V	30	A	NL1-63 4P 25A 30mA A 10kA DBAX	527555
	4P	32	10	AC400/415V	100	A	NL1-63 4P 32A 100mA A 10kA DBAX	527566
	4P	32	10	AC400/415V	300	A	NL1-63 4P 32A 300mA A 10kA DBAX	527576
	4P	32	10	AC400/415V	30	A	NL1-63 4P 32A 30mA A 10kA DBAX	527556
	4P	40	10	AC400/415V	100	A	NL1-63 4P 40A 100mA A 10kA DBAX	527567
	4P	40	10	AC400/415V	300	A	NL1-63 4P 40A 300mA A 10kA DBAX	527577
	4P	40	10	AC400/415V	30	A	NL1-63 4P 40A 30mA A 10kA DBAX	527557
	4P	63	10	AC400/415V	100	A	NL1-63 4P 63A 100mA A 10kA DBAX	527568
	4P	63	10	AC400/415V	300	A	NL1-63 4P 63A 300mA A 10kA DBAX	527578
	4P	63	10	AC400/415V	30	A	NL1-63 4P 63A 30mA A 10kA DBAX	527558

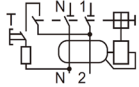
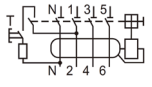
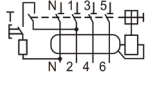
Diagram	Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage type	Description	Code
	2P	16	10	AC230/240V	100	A-G	NL1-63 2P 16A 100mA A-G 10kA DBAX	527494
	2P	16	10	AC230/240V	300	A-G	NL1-63 2P 16A 300mA A-G 10kA DBAX	527504
	2P	16	10	AC230/240V	30	A-G	NL1-63 2P 16A 30mA A-G 10kA DBAX	527484
	2P	25	10	AC230/240V	100	A-G	NL1-63 2P 25A 100mA A-G 10kA DBAX	527495
	2P	25	10	AC230/240V	300	A-G	NL1-63 2P 25A 300mA A-G 10kA DBAX	527505
	2P	25	10	AC230/240V	30	A-G	NL1-63 2P 25A 30mA A-G 10kA DBAX	527485
	2P	32	10	AC230/240V	100	A-G	NL1-63 2P 32A 100mA A-G 10kA DBAX	527496
	2P	32	10	AC230/240V	300	A-G	NL1-63 2P 32A 300mA A-G 10kA DBAX	527506
	2P	32	10	AC230/240V	30	A-G	NL1-63 2P 32A 30mA A-G 10kA DBAX	527486
	2P	40	10	AC230/240V	100	A-G	NL1-63 2P 40A 100mA A-G 10kA DBAX	527497
	2P	40	10	AC230/240V	300	A-G	NL1-63 2P 40A 300mA A-G 10kA DBAX	527507
	2P	40	10	AC230/240V	30	A-G	NL1-63 2P 40A 30mA A-G 10kA DBAX	527487
	2P	63	10	AC230/240V	100	A-G	NL1-63 2P 63A 100mA A-G 10kA DBAX	527498
	2P	63	10	AC230/240V	300	A-G	NL1-63 2P 63A 300mA A-G 10kA DBAX	527508
	2P	63	10	AC230/240V	30	A-G	NL1-63 2P 63A 30mA A-G 10kA DBAX	527488
	4P	16	10	AC400/415V	100	A-G	NL1-63 4P 16A 100mA A-G 10kA DBAX	527599
	4P	16	10	AC400/415V	300	A-G	NL1-63 4P 16A 300mA A-G 10kA DBAX	527609
	4P	16	10	AC400/415V	30	A-G	NL1-63 4P 16A 30mA A-G 10kA DBAX	527589
	4P	25	10	AC400/415V	100	A-G	NL1-63 4P 25A 100mA A-G 10kA DBAX	527600
	4P	25	10	AC400/415V	300	A-G	NL1-63 4P 25A 300mA A-G 10kA DBAX	527610
	4P	25	10	AC400/415V	30	A-G	NL1-63 4P 25A 30mA A-G 10kA DBAX	527590
	4P	32	10	AC400/415V	100	A-G	NL1-63 4P 32A 100mA A-G 10kA DBAX	527601
	4P	32	10	AC400/415V	300	A-G	NL1-63 4P 32A 300mA A-G 10kA DBAX	527611
	4P	32	10	AC400/415V	30	A-G	NL1-63 4P 32A 30mA A-G 10kA DBAX	527591
	4P	40	10	AC400/415V	100	A-G	NL1-63 4P 40A 100mA A-G 10kA DBAX	527602
	4P	40	10	AC400/415V	300	A-G	NL1-63 4P 40A 300mA A-G 10kA DBAX	527612
	4P	40	10	AC400/415V	30	A-G	NL1-63 4P 40A 30mA A-G 10kA DBAX	527592
	4P	63	10	AC400/415V	100	A-G	NL1-63 4P 63A 100mA A-G 10kA DBAX	527603
	4P	63	10	AC400/415V	300	A-G	NL1-63 4P 63A 300mA A-G 10kA DBAX	527613
	4P	63	10	AC400/415V	30	A-G	NL1-63 4P 63A 30mA A-G 10kA DBAX	527593
	2P	25	10	AC230/240V	100	A-S	NL1-63 2P 25A 100mA A-S 10kA DBAX	527533
	2P	25	10	AC230/240V	300	A-S	NL1-63 2P 25A 300mA A-S 10kA DBAX	527541
	2P	32	10	AC230/240V	100	A-S	NL1-63 2P 32A 100mA A-S 10kA DBAX	527534
	2P	32	10	AC230/240V	300	A-S	NL1-63 2P 32A 300mA A-S 10kA DBAX	527542
	2P	40	10	AC230/240V	100	A-S	NL1-63 2P 40A 100mA A-S 10kA DBAX	527535
	2P	40	10	AC230/240V	300	A-S	NL1-63 2P 40A 300mA A-S 10kA DBAX	527543
	2P	63	10	AC230/240V	100	A-S	NL1-63 2P 63A 100mA A-S 10kA DBAX	527536
	2P	63	10	AC230/240V	300	A-S	NL1-63 2P 63A 300mA A-S 10kA DBAX	527544

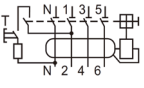
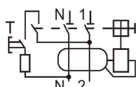
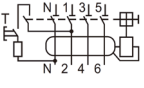
Diagram	Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage type	Description	Code
	4P	25	10	AC400/415V	100	A-S	NL1-63 4P 25A 100mA A-S 10kA DBAX	527638
	4P	25	10	AC400/415V	300	A-S	NL1-63 4P 25A 300mA A-S 10kA DBAX	527646
	4P	32	10	AC400/415V	100	A-S	NL1-63 4P 32A 100mA A-S 10kA DBAX	527639
	4P	32	10	AC400/415V	300	A-S	NL1-63 4P 32A 300mA A-S 10kA DBAX	527647
	4P	40	10	AC400/415V	100	A-S	NL1-63 4P 40A 100mA A-S 10kA DBAX	527640
	4P	40	10	AC400/415V	300	A-S	NL1-63 4P 40A 300mA A-S 10kA DBAX	527648
	4P	63	10	AC400/415V	100	A-S	NL1-63 4P 63A 100mA A-S 10kA DBAX	527641
	4P	63	10	AC400/415V	300	A-S	NL1-63 4P 63A 300mA A-S 10kA DBAX	527649
	2P	16	10	AC230/240V	100	A-SI	NL1-63 2P 16A 100mA A-SI 10kA DBAX	527519
	2P	16	10	AC230/240V	300	A-SI	NL1-63 2P 16A 300mA A-SI 10kA DBAX	527524
	2P	16	10	AC230/240V	30	A-SI	NL1-63 2P 16A 30mA A-SI 10kA DBAX	527514
	2P	25	10	AC230/240V	100	A-SI	NL1-63 2P 25A 100mA A-SI 10kA DBAX	527520
	2P	25	10	AC230/240V	300	A-SI	NL1-63 2P 25A 300mA A-SI 10kA DBAX	527525
	2P	25	10	AC230/240V	30	A-SI	NL1-63 2P 25A 30mA A-SI 10kA DBAX	527515
	2P	32	10	AC230/240V	100	A-SI	NL1-63 2P 32A 100mA A-SI 10kA DBAX	527521
	2P	32	10	AC230/240V	300	A-SI	NL1-63 2P 32A 300mA A-SI 10kA DBAX	527526
	2P	32	10	AC230/240V	30	A-SI	NL1-63 2P 32A 30mA A-SI 10kA DBAX	527516
	2P	40	10	AC230/240V	100	A-SI	NL1-63 2P 40A 100mA A-SI 10kA DBAX	527522
	2P	40	10	AC230/240V	300	A-SI	NL1-63 2P 40A 300mA A-SI 10kA DBAX	527527
	2P	40	10	AC230/240V	30	A-SI	NL1-63 2P 40A 30mA A-SI 10kA DBAX	527517
	2P	63	10	AC230/240V	100	A-SI	NL1-63 2P 63A 100mA A-SI 10kA DBAX	527523
	2P	63	10	AC230/240V	300	A-SI	NL1-63 2P 63A 300mA A-SI 10kA DBAX	527528
	2P	63	10	AC230/240V	30	A-SI	NL1-63 2P 63A 30mA A-SI 10kA DBAX	527518
	4P	16	10	AC400/415V	100	A-SI	NL1-63 4P 16A 100mA A-SI 10kA DBAX	527624
	4P	16	10	AC400/415V	300	A-SI	NL1-63 4P 16A 300mA A-SI 10kA DBAX	527629
	4P	16	10	AC400/415V	30	A-SI	NL1-63 4P 16A 30mA A-SI 10kA DBAX	527619
	4P	25	10	AC400/415V	100	A-SI	NL1-63 4P 25A 100mA A-SI 10kA DBAX	527625
	4P	25	10	AC400/415V	300	A-SI	NL1-63 4P 25A 300mA A-SI 10kA DBAX	527630
	4P	25	10	AC400/415V	30	A-SI	NL1-63 4P 25A 30mA A-SI 10kA DBAX	527620
	4P	32	10	AC400/415V	100	A-SI	NL1-63 4P 32A 100mA A-SI 10kA DBAX	527626
	4P	32	10	AC400/415V	300	A-SI	NL1-63 4P 32A 300mA A-SI 10kA DBAX	527631
	4P	32	10	AC400/415V	30	A-SI	NL1-63 4P 32A 30mA A-SI 10kA DBAX	527621
	4P	40	10	AC400/415V	100	A-SI	NL1-63 4P 40A 100mA A-SI 10kA DBAX	527627
	4P	40	10	AC400/415V	300	A-SI	NL1-63 4P 40A 300mA A-SI 10kA DBAX	527632
	4P	40	10	AC400/415V	30	A-SI	NL1-63 4P 40A 30mA A-SI 10kA DBAX	527622
	4P	63	10	AC400/415V	100	A-SI	NL1-63 4P 63A 100mA A-SI 10kA DBAX	527628
	4P	63	10	AC400/415V	300	A-SI	NL1-63 4P 63A 300mA A-SI 10kA DBAX	527633
	4P	63	10	AC400/415V	30	A-SI	NL1-63 4P 63A 30mA A-SI 10kA DBAX	527623

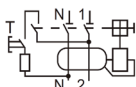
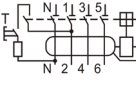
Diagram	Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage type	Description	Code
	2P	16	10	AC230/240V	100	AC	NL1-63 2P 16A 100mA AC 10ka DBAX	527454
	2P	16	10	AC230/240V	10	AC	NL1-63 2P 16A 10mA AC 10ka DBAX	527438
	2P	16	10	AC230/240V	300	AC	NL1-63 2P 16A 300mA AC 10ka DBAX	527464
	2P	16	10	AC230/240V	30	AC	NL1-63 2P 16A 30mA AC 10ka DBAX	527444
	2P	16	10	AC230/240V	500	AC	NL1-63 2P 16A 500mA AC 10ka DBAX	527474
	2P	25	10	AC230/240V	100	AC	NL1-63 2P 25A 100mA AC 10ka DBAX	527455
	2P	25	10	AC230/240V	10	AC	NL1-63 2P 25A 10mA AC 10ka DBAX	527439
	2P	25	10	AC230/240V	300	AC	NL1-63 2P 25A 300mA AC 10ka DBAX	527465
	2P	25	10	AC230/240V	30	AC	NL1-63 2P 25A 30mA AC 10ka DBAX	527445
	2P	25	10	AC230/240V	500	AC	NL1-63 2P 25A 500mA AC 10ka DBAX	527475
	2P	32	10	AC230/240V	100	AC	NL1-63 2P 32A 100mA AC 10ka DBAX	527456
	2P	32	10	AC230/240V	10	AC	NL1-63 2P 32A 10mA AC 10ka DBAX	527440
	2P	32	10	AC230/240V	300	AC	NL1-63 2P 32A 300mA AC 10ka DBAX	527466
	2P	32	10	AC230/240V	30	AC	NL1-63 2P 32A 30mA AC 10ka DBAX	527446
	2P	32	10	AC230/240V	500	AC	NL1-63 2P 32A 500mA AC 10ka DBAX	527476
	2P	40	10	AC230/240V	100	AC	NL1-63 2P 40A 100mA AC 10ka DBAX	527457
	2P	40	10	AC230/240V	300	AC	NL1-63 2P 40A 300mA AC 10ka DBAX	527467
	2P	40	10	AC230/240V	30	AC	NL1-63 2P 40A 30mA AC 10ka DBAX	527447
	2P	40	10	AC230/240V	500	AC	NL1-63 2P 40A 500mA AC 10ka DBAX	527477
	2P	63	10	AC230/240V	100	AC	NL1-63 2P 63A 100mA AC 10ka DBAX	527458
	2P	63	10	AC230/240V	300	AC	NL1-63 2P 63A 300mA AC 10ka DBAX	527468
	2P	63	10	AC230/240V	30	AC	NL1-63 2P 63A 30mA AC 10ka DBAX	527448
	2P	63	10	AC230/240V	500	AC	NL1-63 2P 63A 500mA AC 10ka DBAX	527478
	4P	16	10	AC400/415V	100	AC	NL1-63 4P 16A 100mA AC 10ka DBAX	527559
	4P	16	10	AC400/415V	300	AC	NL1-63 4P 16A 300mA AC 10ka DBAX	527569
	4P	16	10	AC400/415V	30	AC	NL1-63 4P 16A 30mA AC 10ka DBAX	527549
	4P	16	10	AC400/415V	500	AC	NL1-63 4P 16A 500mA AC 10ka DBAX	527579
	4P	25	10	AC400/415V	100	AC	NL1-63 4P 25A 100mA AC 10ka DBAX	527560
	4P	25	10	AC400/415V	300	AC	NL1-63 4P 25A 300mA AC 10ka DBAX	527570
	4P	25	10	AC400/415V	30	AC	NL1-63 4P 25A 30mA AC 10ka DBAX	527550
	4P	25	10	AC400/415V	500	AC	NL1-63 4P 25A 500mA AC 10ka DBAX	527580
	4P	32	10	AC400/415V	100	AC	NL1-63 4P 32A 100mA AC 10ka DBAX	527561
	4P	32	10	AC400/415V	300	AC	NL1-63 4P 32A 300mA AC 10ka DBAX	527571
	4P	32	10	AC400/415V	30	AC	NL1-63 4P 32A 30mA AC 10ka DBAX	527551
	4P	32	10	AC400/415V	500	AC	NL1-63 4P 32A 500mA AC 10ka DBAX	527581
	4P	40	10	AC400/415V	100	AC	NL1-63 4P 40A 100mA AC 10ka DBAX	527562
	4P	40	10	AC400/415V	300	AC	NL1-63 4P 40A 300mA AC 10ka DBAX	527572
	4P	40	10	AC400/415V	30	AC	NL1-63 4P 40A 30mA AC 10ka DBAX	527552
	4P	40	10	AC400/415V	500	AC	NL1-63 4P 40A 500mA AC 10ka DBAX	527582
	4P	63	10	AC400/415V	100	AC	NL1-63 4P 63A 100mA AC 10ka DBAX	527563
	4P	63	10	AC400/415V	300	AC	NL1-63 4P 63A 300mA AC 10ka DBAX	527573
	4P	63	10	AC400/415V	30	AC	NL1-63 4P 63A 30mA AC 10ka DBAX	527553
	4P	63	10	AC400/415V	500	AC	NL1-63 4P 63A 500mA AC 10ka DBAX	527583

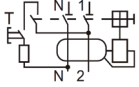
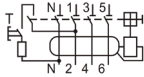
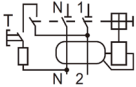
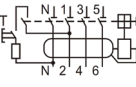
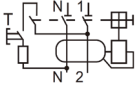
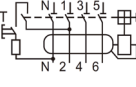
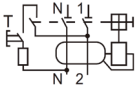
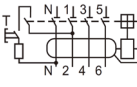
Diagram	Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage type	Description	Code
	2P	16	10	AC230/240V	100	AC-G	NL1-63 2P 16A 100mA AC-G 10kA DBAX	527489
	2P	16	10	AC230/240V	300	AC-G	NL1-63 2P 16A 300mA AC-G 10kA DBAX	527499
	2P	16	10	AC230/240V	30	AC-G	NL1-63 2P 16A 30mA AC-G 10kA DBAX	527479
	2P	16	10	AC230/240V	500	AC-G	NL1-63 2P 16A 500mA AC-G 10kA DBAX	527509
	2P	25	10	AC230/240V	100	AC-G	NL1-63 2P 25A 100mA AC-G 10kA DBAX	527490
	2P	25	10	AC230/240V	300	AC-G	NL1-63 2P 25A 300mA AC-G 10kA DBAX	527500
	2P	25	10	AC230/240V	30	AC-G	NL1-63 2P 25A 30mA AC-G 10kA DBAX	527480
	2P	25	10	AC230/240V	500	AC-G	NL1-63 2P 25A 500mA AC-G 10kA DBAX	527510
	2P	32	10	AC230/240V	100	AC-G	NL1-63 2P 32A 100mA AC-G 10kA DBAX	527491
	2P	32	10	AC230/240V	300	AC-G	NL1-63 2P 32A 300mA AC-G 10kA DBAX	527501
	2P	32	10	AC230/240V	30	AC-G	NL1-63 2P 32A 30mA AC-G 10kA DBAX	527481
	2P	32	10	AC230/240V	500	AC-G	NL1-63 2P 32A 500mA AC-G 10kA DBAX	527511
	2P	40	10	AC230/240V	100	AC-G	NL1-63 2P 40A 100mA AC-G 10kA DBAX	527492
	2P	40	10	AC230/240V	300	AC-G	NL1-63 2P 40A 300mA AC-G 10kA DBAX	527502
	2P	40	10	AC230/240V	30	AC-G	NL1-63 2P 40A 30mA AC-G 10kA DBAX	527482
	2P	40	10	AC230/240V	500	AC-G	NL1-63 2P 40A 500mA AC-G 10kA DBAX	527512
	2P	63	10	AC230/240V	100	AC-G	NL1-63 2P 63A 100mA AC-G 10kA DBAX	527493
	2P	63	10	AC230/240V	300	AC-G	NL1-63 2P 63A 300mA AC-G 10kA DBAX	527503
	2P	63	10	AC230/240V	30	AC-G	NL1-63 2P 63A 30mA AC-G 10kA DBAX	527483
	2P	63	10	AC230/240V	500	AC-G	NL1-63 2P 63A 500mA AC-G 10kA DBAX	527513
	4P	16	10	AC400/415V	100	AC-G	NL1-63 4P 16A 100mA AC-G 10kA DBAX	527594
	4P	16	10	AC400/415V	300	AC-G	NL1-63 4P 16A 300mA AC-G 10kA DBAX	527604
	4P	16	10	AC400/415V	30	AC-G	NL1-63 4P 16A 30mA AC-G 10kA DBAX	527584
	4P	16	10	AC400/415V	500	AC-G	NL1-63 4P 16A 500mA AC-G 10kA DBAX	527614
	4P	25	10	AC400/415V	100	AC-G	NL1-63 4P 25A 100mA AC-G 10kA DBAX	527595
	4P	25	10	AC400/415V	300	AC-G	NL1-63 4P 25A 300mA AC-G 10kA DBAX	527605
	4P	25	10	AC400/415V	30	AC-G	NL1-63 4P 25A 30mA AC-G 10kA DBAX	527585
	4P	25	10	AC400/415V	500	AC-G	NL1-63 4P 25A 500mA AC-G 10kA DBAX	527615
	4P	32	10	AC400/415V	100	AC-G	NL1-63 4P 32A 100mA AC-G 10kA DBAX	527596
	4P	32	10	AC400/415V	300	AC-G	NL1-63 4P 32A 300mA AC-G 10kA DBAX	527606
	4P	32	10	AC400/415V	30	AC-G	NL1-63 4P 32A 30mA AC-G 10kA DBAX	527586
	4P	32	10	AC400/415V	500	AC-G	NL1-63 4P 32A 500mA AC-G 10kA DBAX	527616
	4P	40	10	AC400/415V	100	AC-G	NL1-63 4P 40A 100mA AC-G 10kA DBAX	527597
	4P	40	10	AC400/415V	300	AC-G	NL1-63 4P 40A 300mA AC-G 10kA DBAX	527607
	4P	40	10	AC400/415V	30	AC-G	NL1-63 4P 40A 30mA AC-G 10kA DBAX	527587
	4P	40	10	AC400/415V	500	AC-G	NL1-63 4P 40A 500mA AC-G 10kA DBAX	527617
	4P	63	10	AC400/415V	100	AC-G	NL1-63 4P 63A 100mA AC-G 10kA DBAX	527598
	4P	63	10	AC400/415V	300	AC-G	NL1-63 4P 63A 300mA AC-G 10kA DBAX	527608
	4P	63	10	AC400/415V	30	AC-G	NL1-63 4P 63A 30mA AC-G 10kA DBAX	527588
	4P	63	10	AC400/415V	500	AC-G	NL1-63 4P 63A 500mA AC-G 10kA DBAX	527618

Diagram	Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage type	Description	Code
	2P	25	10	AC230/240V	100	AC-S	NL1-63 2P 25A 100mA AC-S 10kA DBAX	527529
	2P	25	10	AC230/240V	300	AC-S	NL1-63 2P 25A 300mA AC-S 10kA DBAX	527537
	2P	25	10	AC230/240V	500	AC-S	NL1-63 2P 25A 500mA AC-S 10kA DBAX	527545
	2P	32	10	AC230/240V	100	AC-S	NL1-63 2P 32A 100mA AC-S 10kA DBAX	527530
	2P	32	10	AC230/240V	300	AC-S	NL1-63 2P 32A 300mA AC-S 10kA DBAX	527538
	2P	32	10	AC230/240V	500	AC-S	NL1-63 2P 32A 500mA AC-S 10kA DBAX	527546
	2P	40	10	AC230/240V	100	AC-S	NL1-63 2P 40A 100mA AC-S 10kA DBAX	527531
	2P	40	10	AC230/240V	300	AC-S	NL1-63 2P 40A 300mA AC-S 10kA DBAX	527539
	2P	40	10	AC230/240V	500	AC-S	NL1-63 2P 40A 500mA AC-S 10kA DBAX	527547
	2P	63	10	AC230/240V	100	AC-S	NL1-63 2P 63A 100mA AC-S 10kA DBAX	527532
	2P	63	10	AC230/240V	300	AC-S	NL1-63 2P 63A 300mA AC-S 10kA DBAX	527540
	2P	63	10	AC230/240V	500	AC-S	NL1-63 2P 63A 500mA AC-S 10kA DBAX	527548
	4P	25	10	AC400/415V	100	AC-S	NL1-63 4P 25A 100mA AC-S 10kA DBAX	527634
	4P	25	10	AC400/415V	300	AC-S	NL1-63 4P 25A 300mA AC-S 10kA DBAX	527642
	4P	25	10	AC400/415V	500	AC-S	NL1-63 4P 25A 500mA AC-S 10kA DBAX	527650
	4P	32	10	AC400/415V	100	AC-S	NL1-63 4P 32A 100mA AC-S 10kA DBAX	527635
	4P	32	10	AC400/415V	300	AC-S	NL1-63 4P 32A 300mA AC-S 10kA DBAX	527643
	4P	32	10	AC400/415V	500	AC-S	NL1-63 4P 32A 500mA AC-S 10kA DBAX	527651
	4P	40	10	AC400/415V	100	AC-S	NL1-63 4P 40A 100mA AC-S 10kA DBAX	527636
	4P	40	10	AC400/415V	300	AC-S	NL1-63 4P 40A 300mA AC-S 10kA DBAX	527644
	4P	40	10	AC400/415V	500	AC-S	NL1-63 4P 40A 500mA AC-S 10kA DBAX	527652
	4P	63	10	AC400/415V	100	AC-S	NL1-63 4P 63A 100mA AC-S 10kA DBAX	527637
	4P	63	10	AC400/415V	300	AC-S	NL1-63 4P 63A 300mA AC-S 10kA DBAX	527645
	4P	63	10	AC400/415V	500	AC-S	NL1-63 4P 63A 500mA AC-S 10kA DBAX	527653
	2P	25	10	AC230/240V	300	F	NL1-63 2P 25A 300mA F type 10kA	263723
	2P	25	10	AC230/240V	30	F	NL1-63 2P 25A 30mA F type 10kA	263717
	2P	25	10	AC230/240V	100	F	NL1-63 2P 25A 100mA F type 10kA	263720
	2P	40	10	AC230/240V	100	F	NL1-63 2P 40A 100mA F type 10kA	263721
	2P	40	10	AC230/240V	300	F	NL1-63 2P 40A 300mA F type 10kA	263724
	2P	40	10	AC230/240V	30	F	NL1-63 2P 40A 30mA F type 10kA	263718
	2P	63	10	AC230/240V	100	F	NL1-63 2P 63A 100mA F type 10kA	263722
	2P	63	10	AC230/240V	300	F	NL1-63 2P 63A 300mA F type 10kA	263725
	2P	63	10	AC230/240V	30	F	NL1-63 2P 63A 30mA F type 10kA	263719
	4P	25	10	AC400/415V	300	F	NL1-63 4P 25A 300mA F type 10kA	263732
	4P	25	10	AC400/415V	30	F	NL1-63 4P 25A 30mA F type 10kA	263726
	4P	25	10	AC400/415V	100	F	NL1-63 4P 25A 100mA F type 10kA	263729
	4P	40	10	AC400/415V	100	F	NL1-63 4P 40A 100mA F type 10kA	263730
	4P	40	10	AC400/415V	300	F	NL1-63 4P 40A 300mA F type 10kA	263733
	4P	40	10	AC400/415V	30	F	NL1-63 4P 40A 30mA F type 10kA	263727
	4P	63	10	AC400/415V	100	F	NL1-63 4P 63A 100mA F type 10kA	263731
	4P	63	10	AC400/415V	300	F	NL1-63 4P 63A 300mA F type 10kA	263734
	4P	63	10	AC400/415V	30	F	NL1-63 4P 63A 30mA F type 10kA	263728

NL1-100	2P	16A	30mA	A	6kA	DB	AX
↓	↓	↓	↓	↓	↓	↓	↓
Frame	Poles	Current(In)	Rated sensitivity (IΔn)	Leakage type	Breaking capacity	Busbar	Accessory adaptation
NL1-100	2P 4P	40A 63A 80A 100A	30mA 100mA 300mA	A A-S AC AC-S	6kA 10kA	Blank: Single Busbar DB: Double Busbar	AX: can be equipped with AX-5

Diagram	Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage type	Description	Code
	2P	40	6	AC230/240V	30	A	NL1-100 2P 40A 30mA A 6kA DB AX	402970
	2P	80	6	AC230/240V	30	A	NL1-100 2P 80A 30mA A 6kA DB AX	397604
	2P	80	6	AC230/240V	100	A	NL1-100 2P 80A 100mA A 6kA DB AX	397606
	2P	80	6	AC230/240V	300	A	NL1-100 2P 80A 300mA A 6kA DB AX	397608
	2P	100	6	AC230/240V	30	A	NL1-100 2P 100A 30mA A 6kA DB AX	397605
	2P	100	6	AC230/240V	100	A	NL1-100 2P 100A 100mA A 6kA DB AX	397607
	2P	100	6	AC230/240V	300	A	NL1-100 2P 100A 300mA A 6kA DB AX	397609
	4P	40	6	AC400/415V	30	A	NL1-100 4P 40A 30mA A 6kA DB AX	402971
	4P	63	6	AC400/415V	30	A	NL1-100 4P 63A 30mA A 6kA DB AX	402972
	4P	80	6	AC400/415V	30	A	NL1-100 4P 80A 30mA A 6kA DB AX	397610
	4P	80	6	AC400/415V	100	A	NL1-100 4P 80A 100mA A 6kA DB AX	397612
	4P	80	6	AC400/415V	300	A	NL1-100 4P 80A 300mA A 6kA DB AX	397614
	4P	100	6	AC400/415V	30	A	NL1-100 4P 100A 30mA A 6kA DB AX	397611
	4P	100	6	AC400/415V	100	A	NL1-100 4P 100A 100mA A 6kA DB AX	397613
	2P	63	6	AC230/240V	100	A-S	NL1-100 2P 63A 100mA A-S 6kA	200486
	2P	63	6	AC230/240V	300	A-S	NL1-100 2P 63A 300mA A-S 6kA	200492
	2P	80	6	AC230/240V	100	A-S	NL1-100 2P 80A 100mA A-S 6kA	200487
	2P	80	6	AC230/240V	300	A-S	NL1-100 2P 80A 300mA A-S 6kA	200493
	2P	100	6	AC230/240V	100	A-S	NL1-100 2P 100A 100mA A-S 6kA	200488
	2P	100	6	AC230/240V	300	A-S	NL1-100 2P 100A 300mA A-S 6kA	200494
	4P	63	6	AC400/415V	100	A-S	NL1-100 4P 63A 100mA A-S 6kA	200495
	4P	63	6	AC400/415V	300	A-S	NL1-100 4P 63A 300mA A-S 6kA	200489
	4P	80	6	AC400/415V	100	A-S	NL1-100 4P 80A 100mA A-S 6kA	200496
	4P	80	6	AC400/415V	300	A-S	NL1-100 4P 80A 300mA A-S 6kA	200490
	4P	100	6	AC400/415V	100	A-S	NL1-100 4P 100A 100mA A-S 6kA	200497
	4P	100	6	AC400/415V	300	A-S	NL1-100 4P 100A 300mA A-S 6kA	200491
	2P	80	6	AC230/240V	30	AC	NL1-100 2P 80A 30mA AC 6kA DB AX	397618
	2P	80	6	AC230/240V	30	AC	NL1-100 2P 80A 30mA AC 6kA	200277
	2P	80	6	AC230/240V	100	AC	NL1-100 2P 80A 100mA AC 6kA DB AX	397620
	2P	80	6	AC230/240V	100	AC	NL1-100 2P 80A 100mA AC 6kA	200279
	2P	80	6	AC230/240V	300	AC	NL1-100 2P 80A 300mA AC 6kA DB AX	397622
	2P	80	6	AC230/240V	300	AC	NL1-100 2P 80A 300mA AC 6kA	200281
	2P	100	6	AC230/240V	30	AC	NL1-100 2P 100A 30mA AC 6kA DB AX	397619
	2P	100	6	AC230/240V	30	AC	NL1-100 2P 100A 30mA AC 6kA	200278
	2P	100	6	AC230/240V	100	AC	NL1-100 2P 100A 100mA AC 6kA DB AX	397621
	2P	100	6	AC230/240V	100	AC	NL1-100 2P 100A 100mA AC 6kA	200280
	2P	100	6	AC230/240V	300	AC	NL1-100 2P 100A 300mA AC 6kA DB AX	397623
	2P	100	6	AC230/240V	300	AC	NL1-100 2P 100A 300mA AC 6kA	200282

Diagram	Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage type	Description	Code
	4P	80	6	AC400/415V	30	AC	NL1-100 4P 80A 30mA AC 6kA DB AX	397616
	4P	80	6	AC400/415V	100	AC	NL1-100 4P 80A 100mA AC 6kA DB AX	397624
	4P	80	6	AC400/415V	100	AC	NL1-100 4P 80A 100mA AC 6kA	200759
	4P	80	6	AC400/415V	300	AC	NL1-100 4P 80A 300mA AC 6kA AX	216706
	4P	80	6	AC400/415V	300	AC	NL1-100 4P 80A 300mA AC 6kA DB AX	397626
	4P	80	6	AC400/415V	300	AC	NL1-100 4P 80A 300mA AC 6kA	200760
	4P	100	6	AC400/415V	30	AC	NL1-100 4P 100A 30mA AC 6kA DB AX	397617
	4P	100	6	AC400/415V	100	AC	NL1-100 4P 100A 100mA AC 6kA DB AX	397625
	4P	100	6	AC400/415V	100	AC	NL1-100 4P 100A 100mA AC 6kA	200757
	4P	100	6	AC400/415V	300	AC	NL1-100 4P 100A 300mA AC 6kA DB AX	397627
	4P	100	6	AC400/415V	300	AC	NL1-100 4P 100A 300mA AC 6kA	200758
	2P	63	6	AC230/240V	100	AC-S	NL1-100 2P 63A 100mA AC-S 6kA	200474
	2P	63	6	AC230/240V	300	AC-S	NL1-100 2P 63A 300mA AC-S 6kA	200480
	2P	80	6	AC230/240V	100	AC-S	NL1-100 2P 80A 100mA AC-S 6kA	200475
	2P	80	6	AC230/240V	300	AC-S	NL1-100 2P 80A 300mA AC-S 6kA	200481
	2P	100	6	AC230/240V	100	AC-S	NL1-100 2P 100A 100mA AC-S 6kA	200476
	2P	100	6	AC230/240V	300	AC-S	NL1-100 2P 100A 300mA AC-S 6kA	200482
	4P	63	6	AC400/415V	100	AC-S	NL1-100 4P 63A 100mA AC-S 6kA	200483
	4P	63	6	AC400/415V	300	AC-S	NL1-100 4P 63A 300mA AC-S 6kA AX	216707
	4P	63	6	AC400/415V	300	AC-S	NL1-100 4P 63A 300mA AC-S 6kA	200477
	4P	80	6	AC400/415V	100	AC-S	NL1-100 4P 80A 100mA AC-S 6kA	200484
	4P	80	6	AC400/415V	300	AC-S	NL1-100 4P 80A 300mA AC-S 6kA	200478
	4P	100	6	AC400/415V	100	AC-S	NL1-100 4P 100A 100mA AC-S 6kA	200485
	4P	100	6	AC400/415V	300	AC-S	NL1-100 4P 100A 300mA AC-S 6kA	200479
	4P	100	10	AC400/415V	30	A	NL1-100 4P 100A 30mA A 10kA DB AX	440768
	2P	63	10	AC230/240V	100	A-S	NL1-100 2P 63A 100mA A-S 10kA	200444
	2P	63	10	AC230/240V	300	A-S	NL1-100 2P 63A 300mA A-S 10kA	200450
	2P	80	10	AC230/240V	100	A-S	NL1-100 2P 80A 100mA A-S 10kA	200445
	2P	80	10	AC230/240V	300	A-S	NL1-100 2P 80A 300mA A-S 10kA	200451
	2P	100	10	AC230/240V	100	A-S	NL1-100 2P 100A 100mA A-S 10kA	200446
	2P	100	10	AC230/240V	300	A-S	NL1-100 2P 100A 300mA A-S 10kA	200452
	4P	63	10	AC400/415V	100	A-S	NL1-100 4P 63A 100mA A-S 10kA	200453
	4P	63	10	AC400/415V	300	A-S	NL1-100 4P 63A 300mA A-S 10kA	200447
	4P	80	10	AC400/415V	100	A-S	NL1-100 4P 80A 100mA A-S 10kA	200454
	4P	80	10	AC400/415V	300	A-S	NL1-100 4P 80A 300mA A-S 10kA	200448
	4P	100	10	AC400/415V	100	A-S	NL1-100 4P 100A 100mA A-S 10kA	200455
	4P	100	10	AC400/415V	300	A-S	NL1-100 4P 100A 300mA A-S 10kA	200449

Diagram	Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage type	Description	Code
	2P	63	10	AC230/240V	100	AC-S	NL1-100 2P 63A 100mA AC-S 10kA	200420
	2P	63	10	AC230/240V	300	AC-S	NL1-100 2P 63A 300mA AC-S 10kA	200426
	2P	80	10	AC230/240V	100	AC-S	NL1-100 2P 80A 100mA AC-S 10kA	200421
	2P	80	10	AC230/240V	300	AC-S	NL1-100 2P 80A 300mA AC-S 10kA	200427
	2P	100	10	AC230/240V	100	AC-S	NL1-100 2P 100A 100mA AC-S 10kA	200422
	2P	100	10	AC230/240V	300	AC-S	NL1-100 2P 100A 300mA AC-S 10kA	200428
	4P	63	10	AC400/415V	100	AC-S	NL1-100 4P 63A 100mA AC-S 10kA	200429
	4P	63	10	AC400/415V	300	AC-S	NL1-100 4P 63A 300mA AC-S 10kA	200423
	4P	80	10	AC400/415V	100	AC-S	NL1-100 4P 80A 100mA AC-S 10kA	200430
	4P	80	10	AC400/415V	300	AC-S	NL1-100 4P 80A 300mA AC-S 10kA	200424
	4P	100	10	AC400/415V	100	AC-S	NL1-100 4P 100A 100mA AC-S 10kA	200431
	4P	100	10	AC400/415V	300	AC-S	NL1-100 4P 100A 300mA AC-S 10kA	200425