



# 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]

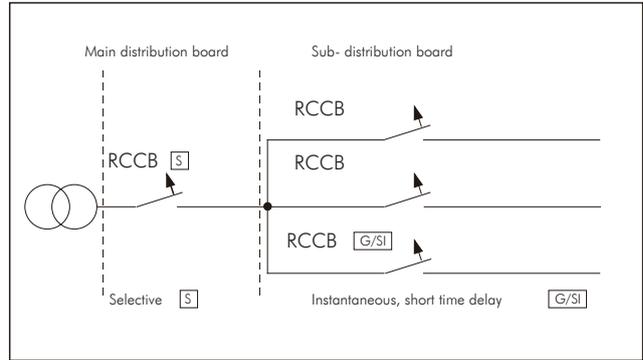
It ensures any tripping at least 10ms.

**Selective** [S]

It ensures total discrimination with a nonselective RCCB placed downstream.

1.3 Approvals and certificates

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



## 2. Technical data

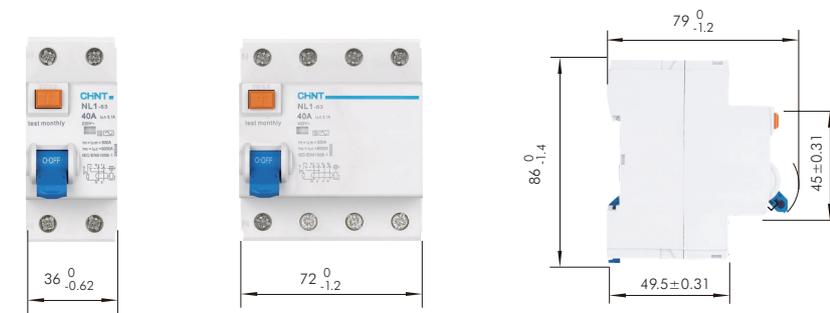
	Standard	IEC/EN 61008-1					IEC/EN 62423 & IEC/EN 61008-1
Electrical features	Type (wave form of the earth leakage sensed)	A	A	AC-G,A-G,A-SI	AC,A	AC-S,A-S	F
	Rated current I <sub>n</sub>	A	16, 25, 32, 40, 63	16, 25, 32, 40, 63	80,100	63,80,100	25,40,63
	Poles		2P, 4P				
	Rated voltage U <sub>e</sub>	V	230/400~240/415, 110/127 (2P)		230/400~240/415		
	Rated sensitivity I <sub>Δn</sub>	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 <sub>i</sub>	V	500				
	Rated residual making and breaking capacity I <sub>Δm</sub>	A	500 (I <sub>n</sub> =25A/40A)	500 (I <sub>n</sub> =25A/40A)	1000 (I <sub>n</sub> =80A/100A)	1000(I <sub>n</sub> =63A/80A/100A)	500 (I <sub>n</sub> =25A/40A) 630 (I <sub>n</sub> =63A)
	Conditional rated short circuit current (I <sub>nc</sub> /I <sub>Δc</sub> )	A	6000/10000				
	SCPD fuse	A	10000				
	break time under I <sub>Δn</sub>	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 <sub>imp</sub>	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 <sup>2</sup>	25/35				
		AWG	18-3/18-2				
	Terminal size top/bottom for busbar	mm <sup>2</sup>	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								
40 °C	16A	16A	25A	25A	40A	40A	63A	63A	80A	80A	100A	100A
45 °C	14A	14A	21A	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	31A	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)



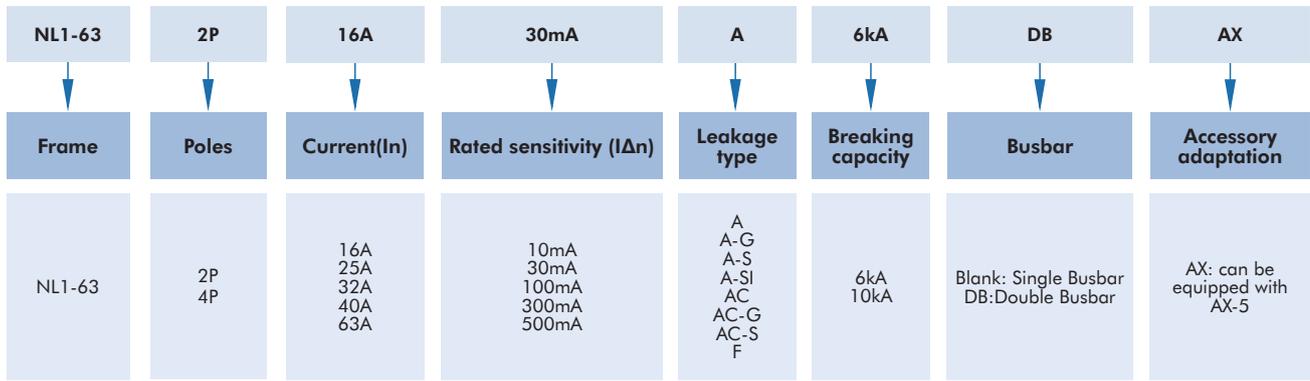


Diagram	Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage type	Description	Code
	2P	16	6	AC230/240V	100	A	NL1-63 2P 16A 100mA A 6kA DBAX	527243
	2P	16	6	AC230/240V	10	A	NL1-63 2P 16A 10mA A 6kA DBAX	527225
	2P	16	6	AC230/240V	300	A	NL1-63 2P 16A 300mA A 6kA DBAX	527253
	2P	16	6	AC230/240V	30	A	NL1-63 2P 16A 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
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

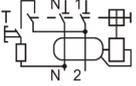
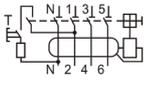
Diagram	Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage type	Description	Code	
	2P	16	10	AC230/240V	100	A	NL1-63 2P 16A 100mA A 10kA DBAX	527459	
	2P	16	10	AC230/240V	10	A	NL1-63 2P 16A 10mA A 10kA DBAX	527441	
	2P	16	10	AC230/240V	300	A	NL1-63 2P 16A 300mA A 10kA DBAX	527469	
	2P	16	10	AC230/240V	30	A	NL1-63 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	

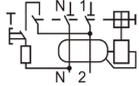
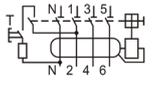
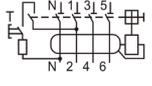
Diagram	Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage type	Description	Code
	2P	16	10	AC230/240V	100	A-G	NL1-63 2P 16A 100mA A-G 10kA DBAX	527494
	2P	16	10	AC230/240V	300	A-G	NL1-63 2P 16A 300mA A-G 10kA DBAX	527504
	2P	16	10	AC230/240V	30	A-G	NL1-63 2P 16A 30mA A-G 10kA DBAX	527484
	2P	25	10	AC230/240V	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

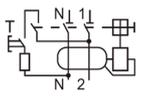
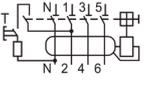
Diagram	Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage type	Description	Code
	2P	16	10	AC230/240V	100	AC	NL1-63 2P 16A 100mA AC 10ka DBAX	527454
	2P	16	10	AC230/240V	10	AC	NL1-63 2P 16A 10mA AC 10ka DBAX	527438
	2P	16	10	AC230/240V	300	AC	NL1-63 2P 16A 300mA AC 10ka DBAX	527464
	2P	16	10	AC230/240V	30	AC	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
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

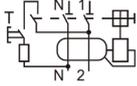
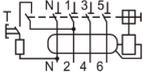
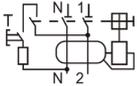
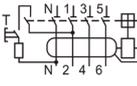
Diagram	Poles	In(A)	Icu(kA)	Ue(V)	IΔn(mA)	Leakage type	Description	Code
	2P	16	10	AC230/240V	100	AC-G	NL1-63 2P 16A 100mA AC-G 10kA DBAX	527489
	2P	16	10	AC230/240V	300	AC-G	NL1-63 2P 16A 300mA AC-G 10kA DBAX	527499
	2P	16	10	AC230/240V	30	AC-G	NL1-63 2P 16A 30mA AC-G 10kA DBAX	527479
	2P	16	10	AC230/240V	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
↓	↓	↓	↓	↓	↓	↓	↓
<b>Frame</b>	<b>Poles</b>	<b>Current(In)</b>	<b>Rated sensitivity (IΔn)</b>	<b>Leakage type</b>	<b>Breaking capacity</b>	<b>Busbar</b>	<b>Accessory adaptation</b>
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
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
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