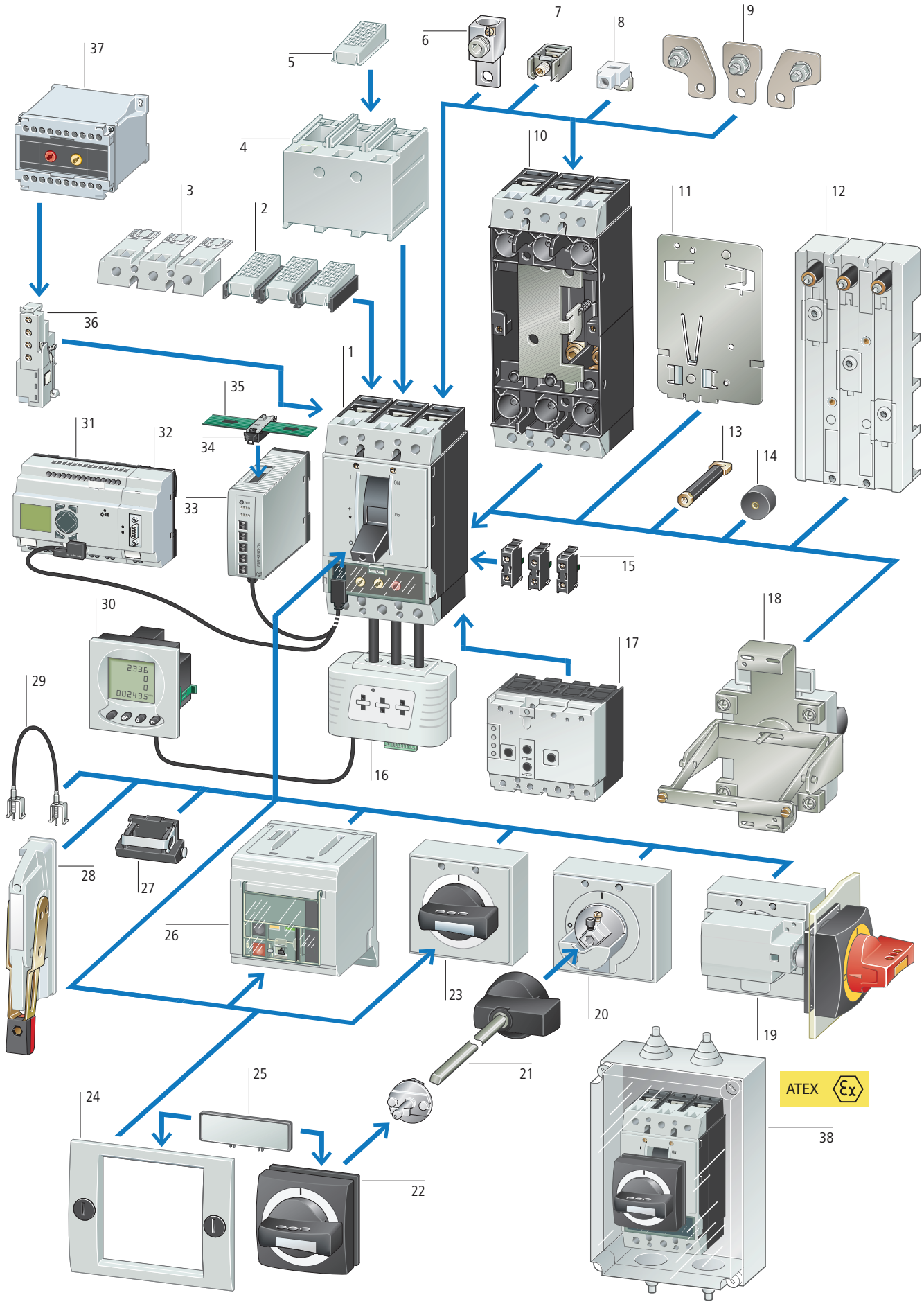
NZM

System overview



NZM

Basic devices

Circuit-breakers 1
Rated uninterrupted current up to 1600 A
Switching capacity 25, 36, 50, 150 kA at 415 V
Adjustable releases for overload and short-circuit
Adjustable time selectivity
Protection of systems, cables, motors, generators
3 and 4 pole; IEC/EN 60947
→ Page 17/8

Switch-disconnectors 1
Rated uninterrupted current up to 1600 A
Can be tripped remotely with undervoltage or shunt release
3 and 4 pole; IEC/EN 60947
→ Page 17/42

Circuit-breakers for North America 1
Rated uninterrupted current up to 1200 A
Switching capacity 25, 35, 100 kA at 480 V
Adjustable release for overload and short-circuit
Adjustable time selectivity
Protection of systems, cables, motors, generators
3 and 4 pole, UL 489/CSA 22.2 no. 5.1, IEC/EN 60947
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Molded case switches for North America 1
Rated uninterrupted current up to 1200 A
Can be tripped remotely with undervoltage or shunt release
3 pole, UL489/CSA 22.2 no. 5.1
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Circuit-breakers

With main switch characteristics to IEC/EN 60204 and Isolator characteristics to IEC/EN 60947, VDE 0660




Rated uninterrupted current I_u = Rated current I_n
Adjustable overload releases I_r
Adjustable short-circuit releases I_i
Delayed short-circuit releases I_{sd}

Thermomagnetic releases

System and cable protection

I_u A	I_u A	I_o A	I_r A	I_i A
Ambient temperature at 100% I_u min./max. -25/+50 °C				
20	20		0.8 – 1 × I_n	350
25	25			
32	32			
40	40			8 – 10 × I_n
50	50			6 – 10 × I_n
63	63			
80	80			
100	100			
125	125			
160	160			NZM1: 8 × I_n 6 – 10 × I_n
	200			
	250			
		320		
		400		
		500		

Motor protection

I_u A	I_r A	I_i A
20	0.8 – 1 × I_n	350
25		10 – 14 × I_n
32		8 – 14 × I_n
40		
50		
63		
80		
100		NZM1: 8 – 12.5 × I_n NZM2: 8 – 14 × I_n
125		8 – 14 × I_n
160		
200		

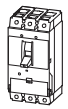
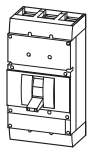
Basic switching capacity		**NZMB1-A...**		**NZMB2-A...**						**NZMB1-M...**		**NZMB2-M...**					
400/415 V	kA/p.f	25	0.25	25	0.25					25	0.25	25	0.25				
440 V	kA/p.f	25	0.25	25	0.25					25	0.25	25	0.25				
Comfort switching capacity		**NZMC1-A...**		**NZMC2-A...**		**NZMC3-A...**											
400/415 V	kA/p.f	36	0.25	36	0.25	36	0.25										
440 V	kA/p.f	30	0.25	30	0.25	30	0.25										
525 V	kA/p.f	12	0.5	12	0.5	12	0.5										
690 V	kA/p.f	8	0.5	8	0.5	8	0.5										
Normal switching capacity		**NZMN1-A...**		**NZMN2-A...**		**NZMN3-A...**				**NZMN1-M...**		**NZMN2-M...**					
400/415 V	kA/p.f	50	0.25	50	0.25	50	0.25			50	0.25	50	0.25				
440 V	kA/p.f	35	0.25	35	0.25	35	0.25			35	0.25	35	0.25				
525 V	kA/p.f	20	0.30	25	0.25	25	0.25			20	0.30	25	0.25				
690 V	kA/p.f	10	0.50	20	0.30	20	0.30			10	0.50	20	0.30				
High switching capacity		**NZMH1-A-...**		**NZMH2-A-...**		**NZMH3-A-...**						**NZMH2-M...**					
400/415 V	kA/p.f	100	0.20	150	0.20	150	0.20					150	0.20				
440 V	kA/p.f	35	0.25	130	0.20	130	0.20					130	0.20				
525 V	kA/p.f	20	0.30	50	0.25	65	0.20					50	0.25				
690 V	kA/p.f	10	0.50	20	0.30	35	0.25					20	0.30				

Notes **The stated switching capacity values are rated ultimate short-circuit breaking capacities (I_{cu})**

Switch-disconnectors

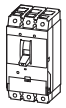
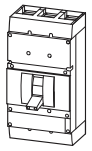
With main switch characteristics to IEC/EN 60204 and VDE 0113
Isolating characteristics to IEC/EN 60947, VDE 0660
without overload and short-circuit release



Rated uninterrupted current I_u = Rated current I_n

		63 – **160**		160 – **250**		400 – **630**		630 – **1600**
Type N can be triggered with U/A shunt release		**PN1-...**	**N1-...**	**PN2-...**	**N2-...**	**PN3-...**	**N3-...**	**N4-...**
Rated short-circuit making capacity I_{cm}	kA	2.8	2.8	5.5	5.5	25	25	53
Rated short-time withstand current I_{cw} (1s-current$_{rms}$)	kA	2	2	3.5	3.5	12	12	25

Electronic releases

Systems, cable, selectivity and generator protection

I_u A	I_u A	I_u A	I_r A	I_{sd} A	I_i A
100	250		0.5 – 1 × I_n	2 – 10 × I_r	2 – 12 × I_n
160	400				
250	**630**	630			
		800			
		1000			
		1250		2 – 6 × I_r	2 – 8 × I_r
		1600			

Motor protection

I_u A	I_r A	I_i A
90	0.5 – 1 × I_n	2 – 14 × I_r
140		
220		
350		
450		
550		
875		
1400		

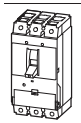
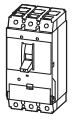
NZMN2-...E...		**NZMN3-...E...**		**NZMN4-...E...**						**NZMN2-ME...**		**NZMN3-ME...**		**NZMN4-ME...**	
50	0.25	50	0.25	50	0.25					50	0.25	50	0.25	50	0.25
35	0.25	35	0.25	35	0.25					35	0.25	35	0.25	35	0.25
25	0.25	25	0.25	25	0.25					25	0.25	25	0.25	25	0.25
20	0.30	20	0.30	20	0.30					20	0.30	20	0.30	20	0.30
NZMH2-...E...		**NZMH3-...E...**		**NZMH4-...E...**						**NZMH2-ME...**		**NZMH3-ME...**		**NZMH4-ME...**	
150	0.20	150	0.20	85[1]	0.20					150	0.20	150	0.20	85[1]	0.20
130	0.20	130	0.20	85	0.20					130	0.20	130	0.20	85	0.20
50	0.25	65	0.20	65	0.20					50	0.25	65	0.20	65	0.20
20	0.30	35	0.30	50	0.25					20	0.30	35	0.30	50	0.25

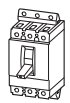
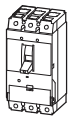
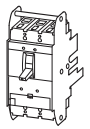
A selection of approved circuit-breakers and switch-disconnectors for world-wide use → Page 17/54
[1] For higher switching capacity please inquire

Ordering

		Switching capacity 400/415 V 50/60 Hz	Rated current = Rated uninterrupted current	Setting range		Fixed mounting with screw terminals		
				Overload releases	Short-circuit releases	Part no. Article no.	Price See price list	
					Non-delayed			
		I_{cu}	$I_n = I_u$	I_r	$I_i = I_n$ x ...			
		kA	A	A				
System and cable protection								
Basic switching capacity								
	**25**		20	15-20	350 A fixed	Screw terminals as accessories		
			25	20-25	350 A fixed			
			32	25-32	350 A fixed			
			40	32-40	8-10			
			50	40-50	6-10			
			63	50-63	6-10			
			80	63-80	6-10			
			100	80-100	6-10			
			125	100-125	6-10			
			160	125-160	1280 A fixed			
			160	125-160	6-10	**NZMB2-A160** 259088		S
			200	160-200	6-10	**NZMB2-A200** 259089		S
			250	200-250	6-10	**NZMB2-A250** 259090		S
			300	240-300	6-10	**NZMB2-A300** 107518		S
Comfort switching capacity								
	**36**		20	15-20	350 A fixed	Screw terminals as accessories		
			25	20-25	350 A fixed			
			32	25-32	350 A fixed			
			40	32-40	8-10			
			50	40-50	6-10			
			63	50-63	6-10			
			80	63-80	6-10			
			100	80-100	6-10			
			125	100-125	6-10			
			160	125-160	1280 A fixed			

Fixed mounting with box terminals				Plug-in units				
Part no. Article no.	Price See price list			Part no. Article no. Order base separately	Price See price list	Std. pack	Notes	
							B = box terminals **S = screw terminals** For further terminal types see accessories	
NZMB1-A20 280987		B		**NZMB1-A20-SVE** 112733		1 off	IEC/EN 60947-2	
NZMB1-A25 280988		B		**NZMB1-A25-SVE** 112734				
NZMB1-A32 280989		B		**NZMB1-A32-SVE** 112735				
NZMB1-A40 259075		B		**NZMB1-A40-SVE** 112703				
NZMB1-A50 259076		B		**NZMB1-A50-SVE** 112704				
NZMB1-A63 259077		B		**NZMB1-A63-SVE** 112705				
NZMB1-A80 259078		B		**NZMB1-A80-SVE** 112706				
NZMB1-A100 259079		B		**NZMB1-A100-SVE** 112707				
NZMB1-A125 259080		B		**NZMB1-A125-SVE** 112708				
NZMB1-A160 281230		B		–				
NZMB2-A160-BT 110215		B		**NZMB2-A160-SVE** 113193				
NZMB2-A200-BT 110216		B		**NZMB2-A200-SVE** 113194				
NZMB2-A250-BT 110217		B		**NZMB2-A250-SVE** 113195				
NZMB2-A300-BT 110214		B		–				
NZMC1-A20 283293		B		**NZMC1-A20-SVE** 112753		1 off	IEC/EN 60947-2	
NZMC1-A25 283294		B		**NZMC1-A25-SVE** 112754				
NZMC1-A32 283295		B		**NZMC1-A32-SVE** 112755				
NZMC1-A40 271392		B		**NZMC1-A40-SVE** 112737				
NZMC1-A50 271393		B		**NZMC1-A50-SVE** 112738				
NZMC1-A63 271394		B		**NZMC1-A63-SVE** 112739				
NZMC1-A80 271395		B		**NZMC1-A80-SVE** 112740				
NZMC1-A100 271396		B		**NZMC1-A100-SVE** 112741				
NZMC1-A125 271397		B		**NZMC1-A125-SVE** 112742				
NZMC1-A160 283296		B		–				

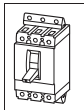
	Switching capacity 400/415 V 50/60 Hz	Rated current = Rated uninterrupted current	Setting range		**Fixed mounting** with screw terminals	**Price** See price list	**Fixed mounting** with box terminals	**Price** See price list		**Plug-in units**	**Price** See price list	Std. pack	**Notes**
			Overload releases	Short-circuit releases	**Part no.** Article no.		**Part no.** Article no.			**Part no.** Article no. Order base separately			
				Non-delayed									
	I_{cu} kA	$I_n = I_u$ A	I_r A	$I_i = I_n$ x …									
System and cable protection													**B = box terminals** **S = screw terminals** For further terminal types see accessories
Comfort switching capacity													
	**36**	160	125-160	6-10	**NZMC2-A160** 271421		**NZMC2-A160-BT** 110219		B	**NZMC2-A160-SVE** 113220		1 off	IEC/EN 60947-2
		200	160-200	6-10	**NZMC2-A200** 271422		**NZMC2-A200-BT** 110280		B	**NZMC2-A200-SVE** 113221			
		250	200-250	6-10	**NZMC2-A250** 271423		**NZMC2-A250-BT** 110281		B	**NZMC2-A250-SVE** 113222			
		300	240-300	6-10	**NZMC2-A300** 107519		**NZMC2-A300-BT** 110218		B	–			
		320	250-320	6-10	**NZMC3-A320** 109665		**NZMC3-A320-BT** 110299		B	**NZMC3-A320-AVE** 113509			
		400	320-400	6-10	**NZMC3-A400** 109666		**NZMC3-A400-BT** 110300		B	**NZMC3-A400-AVE** 113510			
		500	400-500	6-10	**NZMC3-A500** 109667		**NZMC3-A500-BT** 110301		B	**NZMC3-A500-AVE** 113511			
Normal switching capacity													
	**50**	20	15-20	350 A fixed	Screw terminals as accessories		**NZMN1-A20** 281231		B	**NZMN1-A20-SVE** 112776		1 off	IEC/EN 60947-2
		25	20-25	350 A fixed			**NZMN1-A25** 281232		B	**NZMN1-A25-SVE** 112777			
		32	25-32	350 A fixed			**NZMN1-A32** 281233		B	**NZMN1-A32-SVE** 112778			
		40	32-40	8-10			**NZMN1-A40** 259081		B	**NZMN1-A40-SVE** 112757			
		50	40-50	6-10			**NZMN1-A50** 259082		B	**NZMN1-A50-SVE** 112758			
		63	50-63	6-10			**NZMN1-A63** 259083		B	**NZMN1-A63-SVE** 112759			
		80	63-80	6-10			**NZMN1-A80** 259084		B	**NZMN1-A80-SVE** 112760			
		100	80-100	6-10			**NZMN1-A100** 259085		B	**NZMN1-A100-SVE** 112761			
		125	100-125	6-10			**NZMN1-A125** 259086		B	**NZMN1-A125-SVE** 112762			
		160	125-160	1280 A fixed			**NZMN1-A160** 281234		B	–			
		160	125-160	6-10	**NZMN2-A160** 259092		**NZMN2-A160-BT** 110283		B	**NZMN2-A160-SVE** 113244			IEC/EN 60947-2
		200	160-200	6-10	**NZMN2-A200** 259093		**NZMN2-A200-BT** 110284		B	**NZMN2-A200-SVE** 113245			
		250	200-250	6-10	**NZMN2-A250** 259094		**NZMN2-A250-BT** 110285		B	**NZMN2-A250-SVE** 113246			
		300	240-300	6-10	**NZMN2-A300** 107580		**NZMN2-A300-BT** 110282		B	–			
		320	250-320	6-10	**NZMN3-A320** 109669		**NZMN3-A320-BT** 110302		B	**NZMN3-A320-AVE** 110858			
		400	320-400	6-10	**NZMN3-A400** 109670		**NZMN3-A400-BT** 110303		B	**NZMN3-A400-AVE** 110859			
		500	400-500	6-10	**NZMN3-A500** 109671		**NZMN3-A500-BT** 110304		B	**NZMN3-A500-AVE** 110860			

	Switching capacity 400/415 V 50/60 Hz	Rated current = Rated uninterrupted current	Setting range		**Fixed mounting** with screw terminals		**Fixed mounting** with box terminals			**Plug-in units**				
			Overload releases	Short-circuit releases	**Part no.** Article no.	**Price** See price list	**Part no.** Article no.	**Price** See price list		**Part no.** Article no. Order base separately	**Price** See price list	Std. pack	**Notes**	
	I_{cu} kA	$I_n = I_u$ A	I_r A	$I_i = I_n$ x ... Non-delayed									**B = box terminals** **S = screw terminals** For further terminal types see accessories	
System and cable protection														
High switching capacity														
	**100**	20	15-20	350 A fixed	Screw terminals as accessories		**NZMH1-A20** 284376		B		**NZMH1-A20-SVE** 112795		1 off	IEC/EN 60947-2
		25	20-25	350 A fixed			**NZMH1-A25** 284377		B		**NZMH1-A25-SVE** 112796			
		32	25-32	350 A fixed			**NZMH1-A32** 284378		B		**NZMH1-A32-SVE** 112797			
		40	32-40	8-10			**NZMH1-A40** 284379		B		**NZMH1-A40-SVE** 112798			
		50	40-50	6-10			**NZMH1-A50** 284410		B		**NZMH1-A50-SVE** 112799			
		63	50-63	6-10			**NZMH1-A63** 284411		B		**NZMH1-A63-SVE** 112800			
		80	63-80	6-10			**NZMH1-A80** 284412		B		**NZMH1-A80-SVE** 112801			
		100	80-100	6-10			**NZMH1-A100** 284413		B		**NZMH1-A100-SVE** 112802			
		125	100-125	6-10			**NZMH1-A125** 284414		B		**NZMH1-A125-SVE** 112803			
		160	125-160	1280 A fixed			**NZMH1-A160** 284415		B		–			
	**150**	20	15-20	350 A fixed	**NZMH2-A20** 281281		**NZMH2-A20-BT** 110296		B		**NZMH2-A20-SVE** 113351		1 off	
		25	20-25	6-10	**NZMH2-A25** 281282		**NZMH2-A25-BT** 110297		B		**NZMH2-A25-SVE** 113352			
		32	25-32	350 A fixed	**NZMH2-A32** 281283		**NZMH2-A32-BT** 110298		B		**NZMH2-A32-SVE** 113353			
		40	32-40	8-10	**NZMH2-A40** 259095		**NZMH2-A40-BT** 110287		B		**NZMH2-A40-SVE** 113328			
		50	40-50	6-10	**NZMH2-A50** 259096		**NZMH2-A50-BT** 110288		B		**NZMH2-A50-SVE** 113329			
		63	50-63	6-10	**NZMH2-A63** 259097		**NZMH2-A63-BT** 110289		B		**NZMH2-A63-SVE** 113330			
		80	63-80	6-10	**NZMH2-A80** 259098		**NZMH2-A80-BT** 110290		B		**NZMH2-A80-SVE** 113331			
		100	80-100	6-10	**NZMH2-A100** 259099		**NZMH2-A100-BT** 110291		B		**NZMH2-A100-SVE** 113332			
		125	100-125	6-10	**NZMH2-A125** 259100		**NZMH2-A125-BT** 110292		B		**NZMH2-A125-SVE** 113333			
		160	125-160	6-10	**NZMH2-A160** 259101		**NZMH2-A160-BT** 110293		B		**NZMH2-A160-SVE** 113334			
		200	160-200	6-10	**NZMH2-A200** 259102		**NZMH2-A200-BT** 110294		B		**NZMH2-A200-SVE** 113335			
		250	200-250	6-10	**NZMH2-A250** 259103		**NZMH2-A250-BT** 110295		B		**NZMH2-A250-SVE** 113336			
		300	240-300	6-10	**NZMH2-A300** 107581		**NZMH2-A300-BT** 110286		B		–			
		320	250-320	6-10	**NZMH3-A320** 109673		**NZMH3-A320-BT** 110305		B		**NZMH3-A320-AVE** 110861			
		400	320-400	6-10	**NZMH3-A400** 109674		**NZMH3-A400-BT** 110306		B		**NZMH3-A400-AVE** 110862			
		500	400-500	6-10	**NZMH3-A500** 109675		**NZMH3-A500-BT** 110307		B		**NZMH3-A500-AVE** 110863			

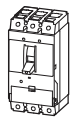
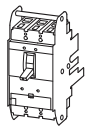
	Switching capacity 400/415 V 50/60 Hz	Rated current = Rated uninterrupted current	Setting range: Overload releases	Setting range: Short-circuit releases Non-delayed	Rated operational power AC-3 50/60 Hz	Rated operational current	**Fixed mounting** with screw terminals **Part no.** Article no.	**Price** See price list	**Fixed mounting** with box terminals **Part no.** Article no.	**Price** See price list		**Plug-in units** **Part no.** Article no. Order base separately	**Price** See price list	Std. pack	**Notes**
					400 V	400 V									
	I_{cu}	$I_n = I_u$	I_r	$I_i = I_n \times \ldots$	P	I_e									
	kA	A	A		kW	A									
Motor protection															**B = box terminals** **S = screw terminals**
• NZM...1-M...: with phase failure sensitivity															For further terminal types see accessories
• Tripping class 10 A															
Basic switching capacity															
	**25**	40	32-40	8-14	18.5	36	Screw terminals as accessories		**NZMB1-M40** 265710		B		**NZMB1-M40-SVE** 112709	1 off	IEC/EN 60947-4-1, IEC/EN 60947-2
		50	40-50	8-14	22	41			**NZMB1-M50** 265711		B		**NZMB1-M50-SVE** 112720		The circuit-breakers fulfill all requirements for utilization category AC-3.
		63	50-63	8-14	30	55			**NZMB1-M63** 265712		B		**NZMB1-M63-SVE** 112721		
		80	63-80	8-14	37	68			**NZMB1-M80** 265713		B		**NZMB1-M80-SVE** 112722		
		100	80-100	8-12.5	45	81			**NZMB1-M100** 265714		B		**NZMB1-M100-SVE** 112723		
		125	100-125	8-14	45	99	**NZMB2-M125** 265715		Terminals as accessory				**NZMB2-M125-SVE** 113196		
		160	125-160	8-14	75	134	**NZMB2-M160** 265716						**NZMB2-M160-SVE** 113197		
		200	160-200	8-14	110	196	**NZMB2-M200** 265717						**NZMB2-M200-SVE** 113198		
Comfort switching capacity															
	**36**	40	32-40	8-14	18.5	36	Screw terminals as accessories		**NZMC1-M40** 271398		B		**NZMC1-M40-SVE** 112743	1 off	
		50	40-50	8-14	22	41			**NZMC1-M50** 271399		B		**NZMC1-M50-SVE** 112744		
		63	50-63	8-14	30	55			**NZMC1-M63** 271400		B		**NZMC1-M63-SVE** 112745		
		80	63-80	8-14	37	68			**NZMC1-M80** 271401		B		**NZMC1-M80-SVE** 112746		
		100	80-100	8-12.5	45	81			**NZMC1-M100** 271402		B		**NZMC1-M100-SVE** 112747		
		125	100-125	8-14	45	99	**NZMC2-M125** 271424		Terminals as accessory				**NZMC2-M125-SVE** 113223		
		160	125-160	8-14	75	134	**NZMC2-M160** 271425						**NZMC2-M160-SVE** 113224		
		200	160-200	8-14	110	196	**NZMC2-M200** 271426						**NZMC2-M200-SVE** 113225		
Normal switching capacity															
	**50**	40	32-40	8-14	18.5	36	Screw terminals as accessories		**NZMN1-M40** 265718		B		**NZMN1-M40-SVE** 112763	1 off	
		50	40-50	8-14	22	41			**NZMN1-M50** 265719		B		**NZMN1-M50-SVE** 112764		
		63	50-63	8-14	30	55			**NZMN1-M63** 265720		B		**NZMN1-M63-SVE** 112765		
		80	63-80	8-14	37	68			**NZMN1-M80** 265721		B		**NZMN1-M80-SVE** 112766		
		100	80-100	8-12.5	45	81			**NZMN1-M100** 265722		B		**NZMN1-M100-SVE** 112767		
		125	100-125	8-14	45	99	**NZMN2-M125** 265723		Terminals as accessory				**NZMN2-M125-SVE** 113250		
		160	125-160	8-14	75	134	**NZMN2-M160** 265724						**NZMN2-M160-SVE** 113251		
		200	160-200	8-14	110	196	**NZMN2-M200** 265725						**NZMN2-M200-SVE** 113252		

Tripping class | **Tripping time T_p with load on all poles of 7.2 times set current value.**

Tripping class	Tripping time T_p with load on all poles of 7.2 times set current value.
10 A	$2 s < T_p \leq 10 s$
10	$4 s < T_p \leq 10 s$
20	$6 s < T_p \leq 20 s$
30	$9 s < T_p \leq 30 s$

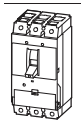
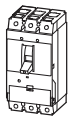
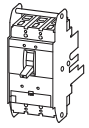
		Switching capacity 400/415 V 50/60 Hz	Rated current = Rated uninterrupted current	Setting range		Rated operational power AC-3 50/60 Hz	Rated operational current	**Fixed mounting** with screw terminals **Part no.** Article no.	**Price** See price list		**Fixed mounting** with box terminals **Part no.** Article no.	**Price** See price list		**Plug-in units** **Part no.** Article no.	**Price** See price list	Std. pack	**Notes**
				Overload releases	Short-circuit releases Non-delayed												
						400 V	400 V							Order base separately			
		I_{cu}	$I_n = I_u$	I_r	$I_i = I_n$ x ...	P	I_e										
		kA	A	A		kW	A										
Motor protection																	**B = box terminals** **S = screw terminals** For further terminal types see accessories
• NZM...1-M...: with phase failure sensitivity • Tripping class 10 A																	
High switching capacity																	
	**100**	40	40-50	8-14	18.5	36	Screw terminals as accessories			**NZMH1-M40** 115450		B		**NZMH1-M40-SVE** 115790		1 off	IEC/EN 60947-4-1, IEC/EN 60947-2
		50	40-50	8-14	22	41				**NZMH1-M50** 115451		B		**NZMH1-M50-SVE** 115791			The circuit-breakers fulfill all requirements for utilization category AC-3.
		63	50-63	8-14	30	55				**NZMH1-M63** 115452		B		**NZMH1-M63-SVE** 115792			
		80	63-80	8-14	37	68				**NZMH1-M80** 115453		B		**NZMH1-M80-SVE** 115793			
		100	80-100	8-12.5	45	81				**NZMH1-M100** 115454		B		**NZMH1-M100-SVE** 115794			
	**150**	20	16-20	350 A fixed	7.5	16	**NZMH2-M20** 281299		S	Terminals as accessory				**NZMH2-M20-SVE** 113354			
		25	20-25	350 A fixed	11	21.7	**NZMH2-M25** 281300		S					**NZMH2-M25-SVE** 113355			
		32	25-32	10-14	15	29.3	**NZMH2-M32** 281301		S					**NZMH2-M32-SVE** 113356			
		40	32-40	8-14	18.5	36	**NZMH2-M40** 281302		S					**NZMH2-M40-SVE** 113357			
		50	40-50	8-14	22	41	**NZMH2-M50** 281303		S					**NZMH2-M50-SVE** 113358			
		63	50-63	8-14	30	55	**NZMH2-M63** 281304		S					**NZMH2-M63-SVE** 113359			
		80	63-80	8-14	37	68	**NZMH2-M80** 281305		S					**NZMH2-M80-SVE** 113360			
		100	80-100	8-14	45	81	**NZMH2-M100** 281306		S					**NZMH2-M100-SVE** 113361			
		125	100-125	8-14	45	99	**NZMH2-M125** 281307		S					**NZMH2-M125-SVE** 113362			
		160	125-160	8-14	75	134	**NZMH2-M160** 281308		S					**NZMH2-M160-SVE** 113363			
		200	160-200	8-14	110	196	**NZMH2-M200** 281309		S					**NZMH2-M200-SVE** 113364			

Tripping class	**Tripping time T_p with load on all poles of 7.2 times set current value.**
10 A	2 s < T_p ≦ 10 s
10	4 s < T_p ≦ 10 s
20	6 s < T_p ≦ 20 s
30	9 s < T_p ≦ 30 s

	Switching capacity 400/415 V 50/60 Hz	Rated current = Rated uninterrupted current	Setting range	Rated operational power AC-3 50/60 Hz	Rated operational current AC-3 50/60 Hz	**Fixed mounting** with screw terminals **Part no.** Article no.	**Price** See price list	**Fixed mounting** with box terminals **Part no.** Article no.	**Price** See price list		**Plug-in/withdrawable units** **Part no.** Article no.	**Price** See price list	Std. pack	**Notes**
			Short-circuit releases	400 V	400 V									
	I_{cu}	$I_n = I_u$	Non-delayed	P	I_e						Order base separately			
	kA	A	$I_i = I_n$ x ...	kW	A									
			$I>$											
Short-circuit protection														**B = box terminals** **S = screw terminals** For further terminal types see accessories
Motor protection in conjunction with overload relay • With short-circuit releases • Without overload releasesI,														
Basic switching capacity														
	**25**	40	8-14	18.5	max. 36	Screw terminals as accessories		**NZMB1-S40** 265726		B	**NZMB1-S40-SVE** 112724		1 off	IEC/EN 60947-4-1, IEC/EN 60947-2 The circuit-breakers fulfill all requirements for utilization category AC-3.
		50	8-14	22	max. 41			**NZMB1-S50** 265727		B	**NZMB1-S50-SVE** 112725			
		63	8-14	30	max. 55			**NZMB1-S63** 265728		B	**NZMB1-S63-SVE** 112726			
		80	8-14	37	max. 68			**NZMB1-S80** 265729		B	**NZMB1-S80-SVE** 112727			
		100	8-12.5	45	max. 99			**NZMB1-S100** 265730		B	**NZMB1-S100-SVE** 112728			
		125	8-14	45	max. 99	**NZMB2-S125** 265736	S	Terminals as accessory			**NZMB2-S125-SVE** 113199			
		160	8-14	75	max. 134	**NZMB2-S160** 265737	S				**NZMB2-S160-SVE** 113200			
		200	8-12.5	110	max. 196	**NZMB2-S200** 265738	S				**NZMB2-S200-SVE** 113201			
Comfort switching capacity														
	**36**	40	8-14	18.5	max. 36	Screw terminals as accessories		**NZMC1-S40** 271403		B	**NZMC1-S40-SVE** 112748		1 off	Selection of circuit-breakers without overload release when combining for instance with ZEV electronic motor-protective relays: The tripping response of the motor-protective relay is matched by setting the tripping class to match the starting behavior of the motor to be protected.
		50	8-14	22	max. 41			**NZMC1-S50** 271404		B	**NZMC1-S50-SVE** 112749			
		63	8-14	30	max. 55			**NZMC1-S63** 271405		B	**NZMC1-S63-SVE** 112750			
		80	8-14	37	max. 68			**NZMC1-S80** 271406		B	**NZMC1-S80-SVE** 112751			
		100	8-12.5	45	max. 99			**NZMC1-S100** 271407		B	**NZMC1-S100-SVE** 112752			
		125	8-14	45	max. 99	**NZMC2-S125** 271427	S	Terminals as accessory			**NZMC2-S125-SVE** 113226			
		160	8-14	75	max. 134	**NZMC2-S160** 271428	S				**NZMC2-S160-SVE** 113227			
		200	8-12.5	110	max. 196	**NZMC2-S200** 271429	S				**NZMC2-S200-SVE** 113228			
		250	8-14	132	max. 231	**NZMC3-S250** 109676	S				**NZMC3-S250-AVE** 113512			
		320	8-14	160	max. 279	**NZMC3-S320** 109677	S				**NZMC3-S320-AVE** 113513			
		400	6-10	200	max. 349	**NZMC3-S400** 109678	S				**NZMC3-S400-AVE** 113514			
		500	6-10	250	max. 437	**NZMC3-S500** 109679	S				**NZMC3-S500-AVE** 113515			
Normal switching capacity														
	**50**	40	8-14	18.5	max. 36	Screw terminals as accessories		**NZMN1-S40** 265731		B	**NZMN1-S40-SVE** 112768		1 off	
		50	8-14	22	max. 41			**NZMN1-S50** 265732		B	**NZMN1-S50-SVE** 112769			
		63	8-14	30	max. 55			**NZMN1-S63** 265733		B	**NZMN1-S63-SVE** 112770			
		80	8-14	37	max. 68			**NZMN1-S80** 265734		B	**NZMN1-S80-SVE** 112771			
		100	8-12.5	45	max. 99			**NZMN1-S100** 265735		B	**NZMN1-S100-SVE** 112772			

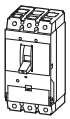
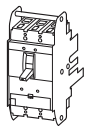
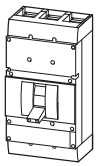
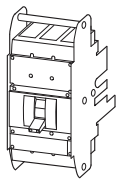
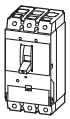
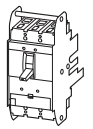
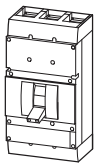
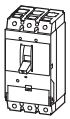
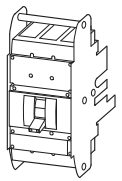
Tripping class	**Tripping time T_p with load on all poles of 7.2 times set current value.**
10 A	$2 s < T_p \leqq 10 s$
10	$4 s < T_p \leqq 10 s$
20	$6 s < T_p \leqq 20 s$
30	$9 s < T_p \leqq 30 s$

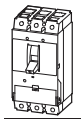
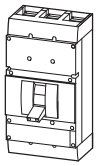
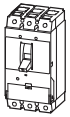
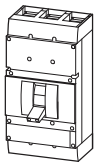
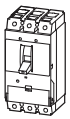
	I_n in A	**Maximum permissible tripping class**
NZM...1-S...	40	30
	50	30
	63	30
	80	20
	100	15
NZM...2-S...	40	30
	50	30
	63	30
	80	30
	100	30
	125	30
	160	20
	200	10
NZM...3-S...	250	30
	320	30
	400	30
	500	20

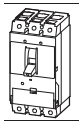
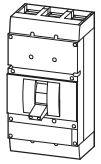
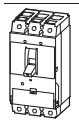
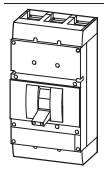
	Switching capacity 400/415 V 50/60 Hz	Rated current = Rated uninterrupted current	Setting range	Rated operational power AC-3 50/60 Hz	Rated operational current AC-3 50/60 Hz	**Fixed mounting** with screw terminals **Part no.** Article no.	**Price** See price list		**Fixed mounting** with box terminals **Part no.** Article no.	**Price** See price list		**Plug-in/withdrawable units** **Part no.** Article no.	**Price** See price list	Std. pack	**Notes**
			Short-circuit releases	400 V	400 V										**B = box terminals** **S = screw terminals**
	I_{cu}	$I_n = I_u$	Non-delayed	P	I_e							Order base separately			For further terminal types see accessories
	kA	A	$I_i = I_n$ x ...	kW	A										
			$I>$												
Short-circuit protection															
Motor protection in conjunction with overload relay • With short-circuit release • Without overload release I_r															
Normal switching capacity															
	**50**	125	8-14	45	max. 99	**NZMN2-S125** 265739		S	Terminals as accessory			**NZMN2-S125-SVE** 113253		1 off	IEC/EN 60947-4-1, IEC/EN 60947-2
		160	8-14	75	max. 134	**NZMN2-S160** 265740		S				**NZMN2-S160-SVE** 113254			The circuit-breakers fulfill all requirements for utilization category AC-3.
		200	8-12.5	110	max. 196	**NZMN2-S200** 265741		S				**NZMN2-S200-SVE** 113255			
		250	8-14	132	max. 231	**NZMN3-S250** 109680		S				**NZMN3-S250-AVE** 113523			
		320	8-14	160	max. 279	**NZMN3-S320** 109681		S				**NZMN3-S320-AVE** 113524			
		400	6-10	200	max. 349	**NZMN3-S400** 109682		S				**NZMN3-S400-AVE** 113525			
		500	6-10	250	max. 437	**NZMN3-S500** 109683		S				**NZMN3-S500-AVE** 113526			
High switching capacity															
	**100**	40	8-14	18.5	max. 36	Screw terminals as accessories			**NZMH1-S40** 284436		B	**NZMH1-S40-SVE** 112805		1 off	Selection of circuit-breakers without overload release when combining for instance with ZEV electronic motor-protective relays: The tripping response of the motor-protective relay is matched by setting the tripping class to match the starting behavior of the motor to be protected.
		50	8-14	22	max. 41				**NZMH1-S50** 284437		B	**NZMH1-S50-SVE** 112806			
		63	8-14	30	max. 55				**NZMH1-S63** 284438		B	**NZMH1-S63-SVE** 112807			
		80	8-14	37	max. 68				**NZMH1-S80** 284439		B	**NZMH1-S80-SVE** 112808			
		100	8-12.5	45	max. 99				**NZMH1-S100** 284440		B	**NZMH1-S100-SVE** 112809			
	**150**	40	8-14	18.5	max. 36	**NZMH2-S40** 265742		S	Terminals as accessory			**NZMH2-S40-SVE** 113340			
		50	8-14	22	max. 41	**NZMH2-S50** 265743		S				**NZMH2-S50-SVE** 113341			
		63	8-14	30	max. 55	**NZMH2-S63** 265744		S				**NZMH2-S63-SVE** 113342			
		80	8-14	37	max. 68	**NZMH2-S80** 265745		S				**NZMH2-S80-SVE** 113343			
		100	8-14	45	max. 99	**NZMH2-S100** 265746		S				**NZMH2-S100-SVE** 113344			
		125	8-14	45	max. 99	**NZMH2-S125** 265747		S				**NZMH2-S125-SVE** 113345			
		160	8-14	75	max. 134	**NZMH2-S160** 265748		S				**NZMH2-S160-SVE** 113346			
		200	8-12.5	110	max. 196	**NZMH2-S200** 265749		S				**NZMH2-S200-SVE** 113347			
		250	8-14	132	max. 231	**NZMH3-S250** 109684		S				**NZMH3-S250-AVE** 113566			
		320	8-14	160	max. 279	**NZMH3-S320** 109685		S				**NZMH3-S320-AVE** 113567			
		400	6-10	200	max. 349	**NZMH3-S400** 109686		S				**NZMH3-S400-AVE** 113568			
		500	6-10	250	max. 437	**NZMH3-S500** 109687		S				**NZMH3-S500-AVE** 113569			

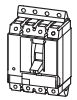
Tripping class	**Tripping time T_p with load on all poles of 7.2 times set current value.**
10 A	$2 s < T_p \leq 10 s$
10	$4 s < T_p \leq 10 s$
20	$6 s < T_p \leq 20 s$
30	$9 s < T_p \leq 30 s$

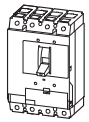
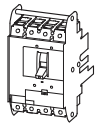
	I_n in A	**Maximum permissible tripping class**
NZM...1-S...	40	30
	50	30
	63	30
	80	20
	100	15
NZM...2-S...	40	30
	50	30
	63	30
	80	30
	100	30
	125	30
	160	20
	200	10
NZM...3-S...	250	30
	320	30
	400	30
	500	20

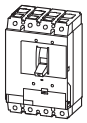
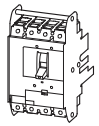
	Switching capacity 400/415 V 50/60 Hz I_{cu} kA	Rated current = Rated uninterrupted current $I_n = I_u$ A	Setting range: Overload releases I_r A	Setting range: Short-circuit releases Non-delayed $I_i = I_n \times \ldots$	**Fixed mounting** with screw terminals **Part no.** Article no.	**Price** See price list	**Fixed mounting** with box terminals **Part no.** Article no.	**Price** See price list		**Withdrawable units** **Part no.** Article no. Order base separately	**Price** See price list	Std. pack	**Notes**
System and cable protection													**B = box terminals** **S = screw terminals** For further terminal types see accessories
Normal switching capacity													
	**50**	630	315-630	2-8	**NZMN3-AE630** 259115		**NZMN3-AE630-BT** 111656		B 	**NZMN3-AE630-AVE** 110842		1 off	IEC/EN 60947-2 R.m.s. value measurement and "thermal memory"
	**50**	630	315-630	2-12	**NZMN4-AE630** 265758		Terminals as accessory			Withdrawable units as accessories			
		800	400-800	2-12	**NZMN4-AE800** 265759								
		1000	500-1000	2-12	**NZMN4-AE1000** 265760								
		1250	630-1250	2-12	**NZMN4-AE1250** 265761								
		1600	800-1600	2-12	**NZMN4-AE1600** 265762								
High switching capacity													
	**150**	630	315-630	2-8	**NZMH3-AE630** 259118		Terminals as accessory			**NZMH3-AE630-AVE** 110851		1 off	
	**85**	630	315-630	2-12	**NZMH4-AE630** 265763					Withdrawable units as accessories			
		800	400-800	2-12	**NZMH4-AE800** 265764								
		1000	500-1000	2-12	**NZMH4-AE1000** 265765								
		1250	630-1250	2-12	**NZMH4-AE1250** 265766								
		1600	800-1600	2-12	**NZMH4-AE1600** 265767								
Earth fault protection													
	**50**	250	125-250	2-11	**NZMN3-AE250-T** 110888		Terminals as accessory			**NZMN3-AE250-T-AVE** 113527		1 off	
		400	200-400	2-11	**NZMN3-AE400-T** 110889					**NZMN3-AE400-T-AVE** 113528			
		630	315-630	2-8	**NZMN3-AE630-T** 110890					**NZMN3-AE630-T-AVE** 113093			
	150	250	125-250	2-11	**NZMH3-AE250-T** 110894					**NZMH3-AE250-T-AVE** 113570			
		400	200-400	2-11	**NZMH3-AE400-T** 110895					**NZMH3-AE400-T-AVE** 113571			
		630	315-630	2-8	**NZMH3-AE630-T** 110896					**NZMH3-AE630-T-AVE** 113572			

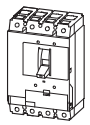
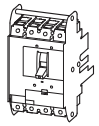
	Switching capacity 400/415 V 50/60 Hz	Rated current = Rated uninterrupted current	Setting range			Fixed mounting with screw terminals		Fixed mounting with box terminals			Plug-in/withdrawable units			Notes
			Overload releases	Short-circuit releases		Part no. Article no.	Price See price list	Part no. Article no.	Price See price list		Part no. Article no.	Price See price list	Std. pack	
				Non-delayed	Delayed						Order base separately			
	I_{cu}	$I_n = I_u$	I_r	$I_i = I_n$ x ...	$I_{sd} = I_r$ x ...									
	kA	A	A											
Systems protection, cable protection, selectivity, generator protection														**B = box terminals** **S = screw terminals** For further terminal types see accessories
Normal switching capacity														
	**50**	100	50-100	1200 A fixed	2-10	**NZMN2-VE100** 259122		Terminals as accessory			**NZMN2-VE100-SVE** 113247		1 off	IEC/EN 60947-2 R.m.s. value measurement and "thermal memory" Adjustable delay setting t_r • 2 – 20 s at 6 x I_r and infinite (without overload release) Adjustable delay t_{sd} • Steps: 0, 20, 60, 100, 200, 300, 500, 750, 1000 ms i^2t constant function • NZM2 fixed OFF • NZM3, NZM4 switchable
		160	80-160	1920 A fixed	2-10	**NZMN2-VE160** 259123					**NZMN2-VE160-SVE** 113248			
		250	125-250	3000 A fixed	2-10	**NZMN2-VE250** 259124					**NZMN2-VE250-SVE** 113249			
		250	125-250	2-11	2-10	**NZMN3-VE250** 259131					**NZMN3-VE250-AVE** 110843			
		400	200-400	2-11	2-10	**NZMN3-VE400** 259132		**NZMN3-VE400-BT** 111659	**1,467.37** 43	B	**NZMN3-VE400-AVE** 110844			
		630	315-630	2-8	1.5-7	**NZMN3-VE630** 259133		**NZMN3-VE630-BT** 111730	**1,914.22** 43	B	**NZMN3-VE630-AVE** 110845			
		630	315-630	2-12	1.5-7	**NZMN4-VE630** 265768		Terminals as accessory			Withdrawable units as accessories			
		800	400-800	2-12	2-10	**NZMN4-VE800** 265769								
		1000	500-1000	2-12	2-10	**NZMN4-VE1000** 265770								
		1250	630-1250	2-12	2-10	**NZMN4-VE1250** 265771								
		1600	800-1600	2-12	2-10	**NZMN4-VE1600** 265772								
High switching capacity														
	**150**	100	50-100	1200 A fixed	2-10	**NZMH2-VE100** 259125		Terminals as accessory			**NZMH2-VE100-SVE** 113337		1 off	
		160	80-160	1920 A fixed	2-10	**NZMH2-VE160** 259126					**NZMH2-VE160-SVE** 113338			
		250	125-250	3000 A fixed	2-10	**NZMH2-VE250** 259127					**NZMH2-VE250-SVE** 113339			
		250	125-250	2-11	2-10	**NZMH3-VE250** 259134					**NZMH3-VE250-AVE** 110852			
		400	200-400	2-11	2-10	**NZMH3-VE400** 259135		**NZMH3-VE400-BT** 111731	**1,668.52** 43	B	**NZMH3-VE400-AVE** 110853			
		630	315-630	2-8	1.5-7	**NZMH3-VE630** 259136		**NZMH3-VE630-BT** 111732	**2,079.92** 43	B	**NZMH3-VE630-AVE** 110854			
	**85**	630	315-630	2-12	1.5-7	**NZMH4-VE630** 265773		Terminals as accessory			Withdrawable units as accessories			
		800	400-800	2-12	2-10	**NZMH4-VE800** 265774								
		1000	500-1000	2-12	2-10	**NZMH4-VE1000** 265775								
		1250	630-1250	2-12	2-10	**NZMH4-VE1250** 265776								
		1600	800-1600	2-12	2-10	**NZMH4-VE1600** 265777								
Earth fault protection														
	**50**	250	125-250	2-11	2-10	**NZMN3-VE250-T** 110891		Terminals as accessory			**NZMN3-VE250-T-AVE** 113529		1 off	
		400	200-400	2-11	2-10	**NZMN3-VE400-T** 110892					**NZMN3-VE400-T-AVE** 113530			
		630	315-630	2-8	1.5-7	**NZMN3-VE630-T** 110893					**NZMN3-VE630-T-AVE** 113531			
	150	250	125-250	2-11	2-10	**NZMH3-VE250-T** 110897					**NZMH3-VE250-T-AVE** 113573			
		400	200-400	2-11	2-10	**NZMH3-VE400-T** 110898					**NZMH3-VE400-T-AVE** 113574			
		630	315-630	2-8	1.5-7	**NZMH3-VE630-T** 110899					**NZMH3-VE630-T-AVE** 113575			

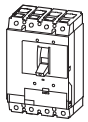
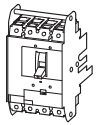
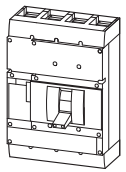
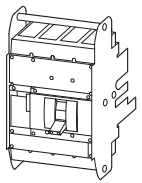
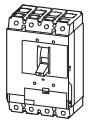
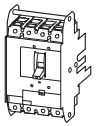
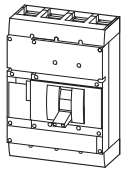
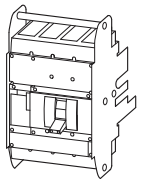
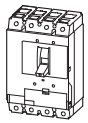
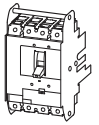
	Switching capacity 400/415 V 50/60 Hz	Rated current = Rated uninterrupted current	Setting range: Overload releases	Setting range: Short-circuit releases	Rated operational power AC-3 50/60 Hz		Rated operational current AC-3 50/60 Hz		**Fixed mounting** with screw terminals **Part no.** Article no.	**Price** See price list		**Plug-in units** **Part no.** Article no. Order base separately	**Price** See price list		Std. pack	**Notes**
				Non-delayed	400 V	690 V	400 V	690 V								
	I_{cu}	$I_n = I_u$	I_r	$I_i = I_n$ x ...	P	P	I_e	I_e								
	kA	A	A		kW	kW	A	A								
Motor protection																**B = box terminals** **S = screw terminals**
With phase-failure sensitivity																For further terminal types see accessories
Normal switching capacity																
	**50**	90	45-90	2-14	45	75	81	78	**NZMN2-ME90** 265778		S	**NZMN2-ME90-SVE** 113256			1 off	IEC/EN 60947-4-1, IEC/EN 60947-2
		140	70-140	2-14	75	132	134	134	**NZMN2-ME140** 265779		S	**NZMN2-ME140-SVE** 113257				The circuit-breakers fulfill all requirements for utilization category AC-3.
		220	110-220	2-14	110	200	196	202	**NZMN2-ME220** 265780		S	**NZMN2-ME220-SVE** 113258				R.m.s. value measurement and “thermal memory”
		220	110-220	2-14	110	200	196	202	**NZMN3-ME220** 265781		S	**NZMN3-ME220-AVE** 110846				Adjustable delay setting t_r • 2 – 20 s at 6 x I_r, and infinite (without overload release)
		350	175-350	2-14	200	315	349	316	**NZMN3-ME350** 265782		S	**NZMN3-ME350-AVE** 110847				
		450	225-450	2-12	250	450	437	446	**NZMN3-ME450** 284468		S	**NZMN3-ME450-AVE** 110848				
		550	275-550	2-14	315	560	544	550	**NZMN4-ME550** 265783		S	Withdrawable units as accessories				
		875	438-875	2-14	500	600	820	588	**NZMN4-ME875** 265784		S					
		1400	700-1400	2-14	630	600	1066	588	**NZMN4-ME1400** 265785		S					
High switching capacity																
	**150**	90	45-90	2-14	45	45	81	78	**NZMH2-ME90** 265786		S	**NZMH2-ME90-SVE** 113348			1 off	
		140	70-140	2-14	75	132	134	134	**NZMH2-ME140** 265787		S	**NZMH2-ME140-SVE** 113349				
		220	110-220	2-14	110	200	196	202	**NZMH2-ME220** 265788		S	**NZMH2-ME220-SVE** 113350				
		220	110-220	2-14	110	200	196	202	**NZMH3-ME220** 265789		S	**NZMH3-ME220-AVE** 110855				
		350	175-350	2-14	200	315	349	316	**NZMH3-ME350** 265790		S	**NZMH3-ME350-AVE** 110856				
		450	225-450	2-12	250	450	437	446	**NZMH3-ME450** 284469		S	**NZMH3-ME450-AVE** 110857				
	**85**	550	275-550	2-14	315	560	544	550	**NZMH4-ME550** 265791		S	Withdrawable units as accessories				
		875	438-875	2-14	500	600	820	588	**NZMH4-ME875** 265792		S					
		1400	700-1400	2-14	630	600	1066	588	**NZMH4-ME1400** 265793		S					

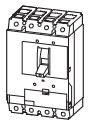
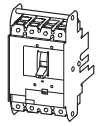
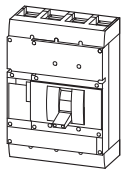
		Switching capacity 400/415 V 50/60 Hz	Rated current = Rated uninterrupted current		Setting range			**Fixed mounting** with screw terminals	**Price**	**Fixed mounting** with box terminals	**Price**			**Plug-in units**	**Price**	Std. pack	**Notes**
					Overload releases		Short-circuit releases	**Part no.** Article no.	See price list	**Part no.** Article no.	See price list			**Part no.** Article no.	See price list		
			Phase conductors	Neutral conductor		Phase conductors	Non-delayed							Order base separately			
		I_{cu}	$I_n = I_u$	I_r x % of phase conductor	I_r	I_r	$I_i = I_n$ x ...										
		kA	A	%	A	A											
System and cable protection																	**B = box terminals** **S = screw terminals** For further terminal types see accessories
Basic switching capacity																	
	**25**	20	100	15-20	15…20	350 A fixed		Screw terminals as accessories		**NZMB1-4-A20** 281237		B	–	–		1 off	IEC/EN 60947-2 Set value for neutral conductor is same as set value I_r for main pole.
		25	100	20-25	20…25	350 A fixed				**NZMB1-4-A25** 281239		B		–			
		32	100	25-32	25…32	350 A fixed				**NZMB1-4-A32** 281241		B		–			
		40	100	32-40	32…40	8-10				**NZMB1-4-A40** 265799		B		–			
		50	100	40-50	40…50	6-10				**NZMB1-4-A50** 265801		B		–			
		63	100	50-63	50…63	6-10				**NZMB1-4-A63** 265803		B		–			
		80	100	63-80	63…80	6-10				**NZMB1-4-A80** 265805		B		–			
		100	100	80-100	80…100	6-10				**NZMB1-4-A100** 265807		B		–			
		125	100	100-125	100…125	6-10				**NZMB1-4-A125** 265809		B		–			
		160	100	125-160	125…160	1280 A fixed				**NZMB1-4-A160** 281243		B		–			
		160	100	125-160	125…160	6-10		**NZMB2-4-A160** 265849	S	Terminals as accessory				**NZMB2-4-A160-SVE** 113209			
		160	60	125-160	80…100	6-10		**NZMB2-4-A160/100** 265850	S					**NZMB2-4-A160/100-SVE** 113210			
		200	100	160-200	160…200	6-10		**NZMB2-4-A200** 265852	S					**NZMB2-4-A200-SVE** 113212			
		200	60	160-200	100…125	6-10		**NZMB2-4-A200/125** 265853	S					**NZMB2-4-A200/125-SVE** 113213			
		250	100	200-250	200…250	6-10		**NZMB2-4-A250** 265855	S					**NZMB2-4-A250-SVE** 113215			
		250	60	200-250	125…160	6-10		**NZMB2-4-A250/160** 265856	S					**NZMB2-4-A250/160-SVE** 113216			
		300	100	240-300	240…300	6-10		**NZMB2-4-A300** 107582	S					–			
		300	60	240-300	160…200	6-10		**NZMB2-4-A300/200** 107583	S					–			
Comfort switching capacity																	
	**36**	20	100	15-20	15…20	350 A fixed		Screw terminals as accessories		**NZMC1-4-A20** 283300		B	–	–		1 off	
		25	100	20-25	20…25	350 A fixed				**NZMC1-4-A25** 283302		B		–			
		32	100	25-32	25…32	350 A fixed				**NZMC1-4-A32** 283304		B		–			
		40	100	32-40	32…40	8-10				**NZMC1-4-A40** 271408		B		–			
		50	100	40-50	40…50	6-10				**NZMC1-4-A50** 271410		B		–			
		63	100	50-63	50…63	6-10				**NZMC1-4-A63** 271412		B		–			
		80	100	63-80	63…80	6-10				**NZMC1-4-A80** 271414		B		–			
		100	100	80-100	80…100	6-10				**NZMC1-4-A100** 271416		B		–			
		125	100	100-125	100…125	6-10				**NZMC1-4-A125** 271418		B		–			
		160	100	125-160	125…160	1280 A fixed				**NZMC1-4-A160** 283306		B		–			

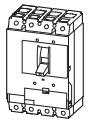
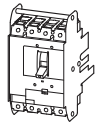
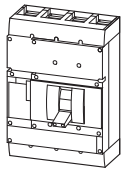
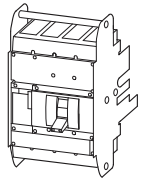
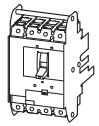
	Switching capacity 400/415 V 50/60 Hz	Rated current = Rated uninterrupted current		Setting range			**Fixed mounting** with screw terminals		**Fixed mounting** with box terminals			**Plug-in units**				
				Overload releases		Short-circuit releases	**Part no.** Article no.	**Price** See price list	**Part no.** Article no.	**Price** See price list		**Part no.** Article no.	**Price** See price list		Std. pack	**Notes**
		Phase conductors	Neutral conductor		Phase conductors	Non-delayed										
	I_{cu}	$I_n = I_u$	I_r x % of phase conductor	I_r	I_r	$I_i = I_n$ x …						Order base separately				
	kA	A	%	A	A											
System and cable protection																**B = box terminals** **S = screw terminals** For further terminal types see accessories
Comfort switching capacity																
	**36**	125	100	100-125	100…125	6-10	**NZMC2-4-A125** 271430		Terminals as accessory			**NZMC2-4-A125-SVE** 113231			1 off	IEC/EN 60947-2 Set value for neutral conductor is same as set value I_r for main pole.
		160	100	125-160	125…160	6-10	**NZMC2-4-A160** 271432					**NZMC2-4-A160-SVE** 113233				
		160	60	125-160	80…100	6-10	**NZMC2-4-A160/100** 271433					**NZMC2-4-A160/100-SVE** 113234				
		200	100	160-200	160…200	6-10	**NZMC2-4-A200** 271435					**NZMC2-4-A200-SVE** 113236				
		200	60	160-200	100…125	6-10	**NZMC2-4-A200/125** 271436					**NZMC2-4-A200/125-SVE** 113237				
		250	100	200-250	200…250	6-10	**NZMC2-4-A250** 271438					**NZMC2-4-A250-SVE** 113239				
		250	60	200-250	125…160	6-10	**NZMC2-4-A250/160** 271439					**NZMC2-4-A250/160-SVE** 113240				
		300	100	240-300	240…300	6-10	**NZMC2-4-A300** 107584					–				
		300	60	240-300	160…200	6-10	**NZMC2-4-A300/200** 107585					–				
		320	100	250-320	250…320	6-10	**NZMC3-4-A320** 109688					**NZMC3-4-A320-AVE** 113516				
		320	60	250-320	160…200	6-10	**NZMC3-4-A320/200** 109689					**NZMC3-4-A320/200-AVE** 113517				
		400	100	320-400	320…400	6-10	**NZMC3-4-A400** 109690					**NZMC3-4-A400-AVE** 113518				
		400	60	320-400	200…250	6-10	**NZMC3-4-A400/250** 109691					**NZMC3-4-A400/250-AVE** 113519				
		500	100	400-500	400…500	6-10	**NZMC3-4-A500** 109692					**NZMC3-4-A500-AVE** 113520				
		500	60	400-500	250…320	6-10	**NZMC3-4-A500/320** 109693					**NZMC3-4-A500/320-AVE** 113521				
Normal switching capacity																
	**50**	20	100	15-20	15…20	350 A fixed	Screw terminals as accessories		**NZMN1-4-A20** 281245		B –	–			1 off	
		25	100	20-25	20…25	350 A fixed			**NZMN1-4-A25** 281247		B	–				
		32	100	25-32	25…32	350 A fixed			**NZMN1-4-A32** 281249		B	–				
		40	100	32-40	32…40	8-10			**NZMN1-4-A40** 265811		B	–				
		50	100	40-50	40…50	6-10			**NZMN1-4-A50** 265813		B	–				
		63	100	50-63	50…63	6-10			**NZMN1-4-A63** 265815		B	–				
		80	100	63-80	63…80	6-10			**NZMN1-4-A80** 265817		B	–				
		100	100	80-100	80…100	6-10			**NZMN1-4-A100** 265819		B	–				
		125	100	100-125	100…125	6-10			**NZMN1-4-A125** 265821		B	–				
		160	100	125-160	125…160	1280 A fixed			**NZMN1-4-A160** 281251		B	–				

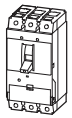
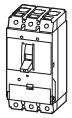
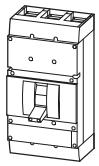
	Switching capacity 400/415 V 50/60 Hz	Rated current = Rated uninterrupted current		Setting range			**Fixed mounting** with screw terminals		**Fixed mounting** with box terminals			**Plug-in units**				
				Overload releases		Short-circuit releases	**Part no.** Article no.	**Price** See price list	**Part no.** Article no.	**Price** See price list		**Part no.** Article no.	**Price** See price list		Std. pack	**Notes**
		Phase conductors	Neutral conductor		Phase conductors	Non-delayed						Order base separately				
	I_{cu}	$I_n = I_u$	I_r x % of phase conductor	I_r	I_r	$I_i = I_n$ x ...										
	kA	A	%	A	A											
System and cable protection																**B = box terminals** **S = screw terminals** For further terminal types see accessories
Normal switching capacity																
	**50**	160	100	125-160	125…160	6-10	**NZMN2-4-A160** 265860		Terminals as accessory			**NZMN2-4-A160-SVE** 113266			1 off	IEC/EN 60947-2 Set value for neutral conductor is same as set value I_r for main pole.
		160	60	125-160	80…100	6-10	**NZMN2-4-A160/100** 265861					**NZMN2-4-A160/100-SVE** 113267				
		200	100	160-200	160…200	6-10	**NZMN2-4-A200** 265863					**NZMN2-4-A200-SVE** 113269				
		200	60	160-200	100…125	6-10	**NZMN2-4-A200/125** 265864					**NZMN2-4-A200/125-SVE** 113270				
		250	100	200-250	200…250	6-10	**NZMN2-4-A250** 265866					**NZMN2-4-A250-SVE** 113272				
		250	60	200-250	125…160	6-10	**NZMN2-4-A250/160** 265867					**NZMN2-4-A250/160-SVE** 113273				
		300	100	240-300	240…300	6-10	**NZMN2-4-A300** 107586					–				
		300	60	240-300	160…200	6-10	**NZMN2-4-A300/200** 107587					–				
		320	100	250-320	250…320	6-10	**NZMN3-4-A320** 109694					**NZMN3-4-A320-AVE** 113532				
		320	60	250-320	160…200	6-10	**NZMN3-4-A320/200** 109695					**NZMN3-4-A320/200-AVE** 113533				
		400	100	320-400	320…400	6-10	**NZMN3-4-A400** 109696					**NZMN3-4-A400-AVE** 113534				
		400	60	320-400	200…250	6-10	**NZMN3-4-A400/250** 109697					**NZMN3-4-A400/250-AVE** 113535				
		500	100	400-500	400…500	6-10	**NZMN3-4-A500** 109698					**NZMN3-4-A500-AVE** 113536				
		500	60	400-500	250…320	6-10	**NZMN3-4-A500/320** 109699					**NZMN3-4-A500/320-AVE** 113537				
High switching capacity																
	**100**	20	100	15-20	15…20	350 A fixed	Screw terminals as accessories		**NZMH1-4-A20** 284416		B	–			1 off	
		25	100	20-25	20…25	350 A fixed			**NZMH1-4-A25** 284418		B	–				
		32	100	25-32	25…32	350 A fixed			**NZMH1-4-A32** 284420		B	–				
		40	100	32-40	32…40	8-10			**NZMH1-4-A40** 284422		B	–				
		50	100	40-50	40…50	6-10			**NZMH1-4-A50** 284424		B	–				
		63	100	50-63	50…63	6-10			**NZMH1-4-A63** 284426		B	–				
		80	100	63-80	63…80	6-10			**NZMH1-4-A80** 284428		B	–				
		100	100	80-100	80…100	6-10			**NZMH1-4-A100** 284430		B	–				
		125	100	100-125	100…125	6-10			**NZMH1-4-A125** 284432		B	–				
		160	100	125-160	125…160	1280 A fixed			**NZMH1-4-A160** 284434		B	–				

	Switching capacity 400/415 V 50/60 Hz	Rated current = Rated uninterrupted current		Setting range			**Fixed mounting** with screw terminals		**Fixed mounting** with box terminals			**Plug-in units**			
				Overload releases		Short-circuit releases	**Part no.** Article no.	**Price** See price list	**Part no.** Article no.	**Price** See price list		**Part no.** Article no.	**Price** See price list	Std. pack	**Notes**
		Phase conductors	Neutral conductor		Phase conductors	Non-delayed									
	I_{cu}	$I_n = I_u$	I_r x % of phase conductor	I_r	I_r	$I_i = I_n$ x …						Order base separately			
	kA	A	%	A	A										
															B = box terminals **S = screw terminals** For further terminal types see accessories
System and cable protection															
High switching capacity															
	**150**	20	100	15-20	15…20	350 A fixed	**NZMH2-4-A20** 281287		Terminals as accessory			**NZMH2-4-A20-SVE** 113396		1 off	IEC/EN 60947-2 Set value for neutral conductor is same as set value I_r for main pole.
		25	100	20-25	20…25	350 A fixed	**NZMH2-4-A25** 281289					**NZMH2-4-A25-SVE** 113398			
		32	100	25-32	25…32	350 A fixed	**NZMH2-4-A32** 281291					**NZMH2-4-A32-SVE** 113400			
		40	100	32-40	32…40	6-10	**NZMH2-4-A40** 265823					**NZMH2-4-A40-SVE** 113367			
		50	100	40-50	40…50	6-10	**NZMH2-4-A50** 265825					**NZMH2-4-A50-SVE** 113369			
		63	100	50-63	50…63	6-10	**NZMH2-4-A63** 265827					**NZMH2-4-A63-SVE** 113371			
		80	100	63-80	63…80	6-10	**NZMH2-4-A80** 265829					**NZMH2-4-A80-SVE** 113373			
		100	100	80-100	80…100	6-10	**NZMH2-4-A100** 265831					**NZMH2-4-A100-SVE** 113375			
		125	100	100-125	100…125	6-10	**NZMH2-4-A125** 265833					**NZMH2-4-A125-SVE** 113377			
		160	100	125-160	125…160	6-10	**NZMH2-4-A160** 265871					**NZMH2-4-A160-SVE** 113379			
		160	60	125-160	80…100	6-10	**NZMH2-4-A160/100** 265872					**NZMH2-4-A160/100-SVE** 113380			
		200	100	160-200	160…200	6-10	**NZMH2-4-A200** 265874					**NZMH2-4-A200-SVE** 113382			
		200	60	160-200	100…125		**NZMH2-4-A200/125** 265875					**NZMH2-4-A200/125-SVE** 113383			
		250	100	200-250	200…250	6-10	**NZMH2-4-A250** 265877					**NZMH2-4-A250-SVE** 113385			
		250	60	200-250	125…160	6-10	**NZMH2-4-A250/160** 265878					**NZMH2-4-A250/160-SVE** 113386			
		300	100	240-300	240…300	6-10	**NZMH2-4-A300** 107588					–			
		300	60	240-300	160…200	6-10	**NZMH2-4-A300/200** 107589					–			
	**150**	320	100	250-320	250…320	6-10	**NZMH3-4-A320** 109700					**NZMH3-4-A320-AVE** 113578		1 off	
		320	60	250-320	160…200	6-10	**NZMH3-4-A320/200** 109701					**NZMH3-4-A320/200-AVE** 113579			
		400	100	320-400	320…400	6-10	**NZMH3-4-A400** 109702					**NZMH3-4-A400-AVE** 113580			
		400	60	320-400	200…250	6-10	**NZMH3-4-A400/250** 109703					**NZMH3-4-A400/250-AVE** 113581			
		500	100	400-500	400…500	6-10	**NZMH3-4-A500** 109704					**NZMH3-4-A500-AVE** 113582			
		500	60	400-500	250…320	6-10	**NZMH3-4-A500/320** 109705					**NZMH3-4-A500/320-AVE** 113583			

Switching capacity 400/415 V 50/60 Hz	Rated current = Rated uninterrupted current		Setting range				**Fixed mounting** with screw terminals		**Fixed mounting** with box terminals			**Withdrawable units**				
			Overload releases		Short-circuit releases											
	Phase conductors	Neutral conductor		Phase conductors	Non-delayed	Delayed	**Part no.** Article no.	**Price** See price list	**Part no.** Article no.	**Price** See price list		**Part no.** Article no.	**Price** See price list		Std. pack	**Notes**
I_{cu}	$I_n = I_u$	I_r x % of phase conductor	I_r	I_r	$I_i = I_n$ x …	$I_{sd} = I_r$ x …						Order base separately				
kA	A	%	A	A												**B = box terminals S = screw terminals**
System and cable protection																
Normal switching capacity																
	**50**	630	100	315-630	315…630	2-8	–	**NZMN3-4-AE630** 265894		**NZMN3-4-AE630-BT** 111658		B 	**NZMN3-4-AE630-AVE** 110875			1 off	For further terminal types see accessories
		630	60	315-630	200…400	2-8	–	**NZMN3-4-AE630/400** 265895		Terminals as accessory			**NZMN3-4-AE630/400-AVE** 113544				IEC/EN 60947-2
		800	100	400-800	400…800	2-12	–	**NZMN4-4-AE800** 265909					Withdrawable units as accessories				R.m.s. value measurement and "thermal memory"
		800	60	400-800	250…500	2-12	–	**NZMN4-4-AE800/500** 265910									Set value for neutral conductor is same as set value I_r for main pole.
		1000	100	500-1000	500…1000	2-12	–	**NZMN4-4-AE1000** 265912									
		1000	60	500-1000	315…630	2-12	–	**NZMN4-4-AE1000/630** 265913									
		1250	100	630-1250	630…1250	2-12	–	**NZMN4-4-AE1250** 265915									
		1250	60	630-1250	400…800	2-12	–	**NZMN4-4-AE1250/800** 265916									
		1600	100	800-1600	800…1600	2-12	–	**NZMN4-4-AE1600** 265918									
		1600	60	800-1600	500…1000	2-12	–	**NZMN4-4-AE1600/1000** 265919									
High switching capacity																
	**150**	630	100	315-630	315…630	2-8	–	**NZMH3-4-AE630** 265900					**NZMH3-4-AE630-AVE** 110879			1 off	
	150	630	60	315-630	200…400	2-8	–	**NZMH3-4-AE630/400** 265901					**NZMH3-4-AE630/400-AVE** 113590				
	85	800	100	400-800	400…800	2-12	–	**NZMH4-4-AE800** 265921					Withdrawable units as accessories				
		800	60	400-800	250…500	2-12	–	**NZMH4-4-AE800/500** 265922									
		1000	100	500-1000	500…1000	2-12	–	**NZMH4-4-AE1000** 265924									
		1000	60	500-1000	315…630	2-12	–	**NZMH4-4-AE1000/630** 265925									
		1250	100	630-1250	630…1250	2-12	–	**NZMH4-4-AE1250** 265927									
		1250	60	630-1250	400…800	2-12	–	**NZMH4-4-AE1250/800** 265928									
		1600	100	800-1600	800…1600	2-12	–	**NZMH4-4-AE1600** 265930									
		1600	60	800-1600	500…1000	2-12	–	**NZMH4-4-AE1600/1000** 265931									
Earth fault protection																
	**50**	400	100	200-400	200…400	2-11	–	**NZMN3-4-AE400-T** 110902		Terminals as accessory			**NZMN3-4-AE400-T-AVE** 113538			1 off	
		400	60	200-400	125…250	2-11	–	**NZMN3-4-AE400/250-T** 110903					**NZMN3-4-AE400/250-T-AVE** 113539				
		630	100	315-630	315…630	2-8	–	**NZMN3-4-AE630-T** 110904					**NZMN3-4-AE630-T-AVE** 113540				
		630	60	315-630	200…400	2-8	–	**NZMN3-4-AE630/400-T** 110905					**NZMN3-4-AE630/400-T-AVE** 113541				
	150	400	100	200-400	200…400	2-11	–	**NZMH3-4-AE400-T** 110906					**NZMH3-4-AE400-T-AVE** 113584				
		400	60	200-400	125…250	2-11	–	**NZMH3-4-AE400/250-T** 110907					**NZMH3-4-AE400/250-T-AVE** 113585				
		630	100	315-630	315…630	2-8	–	**NZMH3-4-AE630-T** 110908					**NZMH3-4-AE630-T-AVE** 113586				
		630	60	315-630	200…400	2-8	–	**NZMH3-4-AE630/400-T** 110909					**NZMH3-4-AE630/400-T-AVE** 113587				

	Switching capacity 400/415 V 50/60 Hz	Rated current = Rated uninterrupted current		Setting range Overload releases		Short-circuit releases		**Fixed mounting** with screw terminals		**Fixed mounting** with box terminals		**Plug-in/withdrawable units**		Std. pack	**Notes**
		Phase conductors	Neutral conductor		Phase conductor	Non-delayed	Delayed	**Part no.** Article no.	**Price** See price list	**Part no.** Article no.	**Price** See price list	**Part no.** Article no.	**Price** See price list		
	I_{cu}	$I_n = I_u$	I_r x % of phase conductor	I_r	I_r	$I_i = I_n$ x ...	$I_{sd} = I_r$ x ...					Order base separately			
	kA	A	%	A	A										
Systems protection, cable protection, selectivity, generator protection															**B = box terminals** **S = screw terminals** For further terminal types see accessories
Normal switching capacity															
	**50**	100	100	50-100	50…100	1200 A fixed	2-10	**NZMN2-4-VE100** 265933		Terminals as accessory		 **NZMN2-4-VE100-SVE** 113275		1 off	IEC/EN 60947-2 Set value for neutral conductor is same as set value I_r for main pole. R.m.s. value measurement and "thermal memory" Adjustable delay setting t_r • 2 – 20 s at 6 x I_r and infinite (without overload release) – NZM...3-4-VE400(630): 2 – 14 s at 6 x I_r and infinite (without overload release) Adjustable delay t_{sd} • Steps: 0, 20, 60, 100, 200, 300, 500, 750, 1000 ms i^2t constant function • NZM2 fixed OFF • NZM3, NZM4 switchable
		160	100	80-160	80…160	1920 A fixed	2-10	**NZMN2-4-VE160** 265935				**NZMN2-4-VE160-SVE** 113277			
		160	60	80-160	50…100	1920 A fixed	2-10	**NZMN2-4-VE160/100** 265936				**NZMN2-4-VE160/100-SVE** 113278			
		250	100	125-250	125…250	3000 A fixed	2-10	**NZMN2-4-VE250** 265938				**NZMN2-4-VE250-SVE** 113280			
		250	60	125-250	80…160	3000 A fixed	2-10	**NZMN2-4-VE250/160** 265939				**NZMN2-4-VE250/160-SVE** 113281			
		400	100	200-400	200…400	2-11	2-10	**NZMN3-4-VE400** 265957				 **NZMN3-4-VE400-AVE** 110876			
		400	60	200-400	125…250	2-11	2-10	**NZMN3-4-VE400/250** 265958				**NZMN3-4-VE400/250-AVE** 113546			
		630	100	315-630	315…630	2-8	1.5-7	**NZMN3-4-VE630** 265960				**NZMN3-4-VE630-AVE** 110877			
		630	60	315-630	200…400	2-8	1.5-7	**NZMN3-4-VE630/400** 265961				**NZMN3-4-VE630/400-AVE** 113548			
		800	100	400-800	400…800	2-12	2-10	**NZMN4-4-VE800** 265975				Withdrawable units as accessories			
		800	60	400-800	250…500	2-12	2-10	**NZMN4-4-VE800/500** 265976							
		1000	100	500-1000	500…1000	2-12	2-10	**NZMN4-4-VE1000** 265978							
		1000	60	500-1000	315…630	2-12	2-10	**NZMN4-4-VE1000/630** 265979							
		1250	100	630-1250	630…1250	2-12	2-10	**NZMN4-4-VE1250** 265981							
		1250	60	630-1250	400…800	2-12	2-10	**NZMN4-4-VE1250/800** 265982							
		1600	100	800-1600	800…1600	2-12	2-10	**NZMN4-4-VE1600** 265984							
		1600	60	800-1600	500…1000	2-12	2-10	**NZMN4-4-VE1600/1000** 265985							

	Switching capacity 400/415 V 50/60 Hz	Rated current = Rated uninterrupted current		Setting range Overload releases		Short-circuit releases		**Fixed mounting** with screw terminals		**Fixed mounting** with box terminals			**Plug-in/withdrawable units**				
		Phase conductors	Neutral conductor		Phase conductor	Non-delayed	Delayed	**Part no.** Article no.	**Price** See price list	**Part no.** Article no.	**Price** See price list		**Part no.** Article no.	**Price** See price list	Std. pack	**Notes**
	I_{cu}	$I_n = I_u$	I_r x % of phase conductor	I_r	I_r	$I_i = I_n$ x …	$I_{sd} = I_r$ x …						Order base separately			
	kA	A	%	A	A											
Systems protection, cable protection, selectivity, generator protection																**B = box terminals** **S = screw terminals** For further terminal types see accessories
High switching capacity																
	**150**	100	100	50-100	50…100	1200 A fixed	2-10	**NZMH2-4-VE100** 265941		Terminals as accessory			**NZMH2-4-VE100-SVE** 113388		1 off	IEC/EN 60947-2 Set value for neutral conductor is same as set value I_r for main pole. R.m.s. value measurement and "thermal memory" Adjustable delay setting t_r • 2 – 20 s at 6 x I_r and infinite (without overload release) – NZM...3-4-VE400(630): 2 – 14 s at 6 x I_r and infinite (without overload release) Adjustable delay t_{sd} • Steps: 0, 20, 60, 100, 200, 300, 500, 750, 1000 ms i^2t constant function • NZM2 fixed OFF • NZM3, NZM4 switchable
		160	100	80-160	80…160	1920 A fixed	2-10	**NZMH2-4-VE160** 265943					**NZMH2-4-VE160-SVE** 113390			
		160	60	80-160	50…100	1920 A fixed	2-10	**NZMH2-4-VE160/100** 265944					**NZMH2-4-VE160/100-SVE** 113391			
		250	100	125-250	125…250	3000 A fixed	2-10	**NZMH2-4-VE250** 265946					**NZMH2-4-VE250-SVE** 113393			
		250	60	125-250	80…160	3000 A fixed	2-10	**NZMH2-4-VE250/160** 265947					**NZMH2-4-VE250/160-SVE** 113394			
		400	100	200-400	200…400	2-11	2-10	**NZMH3-4-VE400** 265963					**NZMH3-4-VE400-AVE** 110880			
		400	60	200-400	125…250	2-11	2-10	**NZMH3-4-VE400/250** 265964					**NZMH3-4-VE400/250-AVE** 113592			
		630	100	315-630	315…630	2-8	1.5-7	**NZMH3-4-VE630** 265966					**NZMH3-4-VE630-AVE** 110881			
		630	60	315-630	200…400	2-8	1.5-7	**NZMH3-4-VE630/400** 265967					**NZMH3-4-VE630/400-AVE** 113594			
	**85**	800	100	400-800	400…800	2-12	2-10	**NZMH4-4-VE800** 265987					Withdrawable units as accessories		1 off	
		800	60	400-800	250…500	2-12	2-10	**NZMH4-4-VE800/500** 265988								
		1000	100	500-1000	500…1000	2-12	2-10	**NZMH4-4-VE1000** 265990								
		1000	60	500-1000	315…630	2-12	2-10	**NZMH4-4-VE1000/630** 265991								
		1250	100	630-1250	630…1250	2-12	2-10	**NZMH4-4-VE1250** 265993								
		1250	60	630-1250	400…800	2-12	2-10	**NZMH4-4-VE1250/800** 265994								
		1600	100	800-1600	800…1600	2-12	2-10	**NZMH4-4-VE1600** 265996								
		1600	60	800-1600	500…1000	2-12	2-10	**NZMH4-4-VE1600/1000** 265997								
Earth fault protection																
	50	400	100	200-400	200…400	2-11	2-10	–		–			**NZMN3-4-VE400-T-AVE** 119902		1 off	
		630	100	315-630	315…630	2-8	1.5-7	–		–			**NZMN3-4-VE630-T-AVE** 119903			
	150	400	100	200-400	200…400	2-11	2-10	–		–			**NZMH3-4-VE400-T-AVE** 119900			
		630	100	315-630	315…630	2-8	1.5-7	–		–			**NZMH3-4-VE630-T-AVE** 119901			

	Rated current = Rated uninterrupted current $I_n = I_u$ A	Short-circuit protection, max. fuse gL-characteristic A gL	**Fixed mounting** with screw terminals **Part no.** Article no.	**Price** See price list		**Fixed mounting** with box terminals **Part no.** Article no.	**Price** See price list		**Plug-in/withdrawable units** **Part no.** Article no.	**Price** See price list	Std. pack	**Notes**
Switch-disconnectors												**B = box terminals** **S = screw terminals** For further terminal types see accessories
2 switch positions I, 0												
	63	125	Screw terminals as accessories			**PN1-63** 259140		B	–		1 off	IEC/EN 60947-3 Main switch characteristics including positive operation to IEC/EN 60204, VDE 0113 Isolating characteristics to IEC/EN 60947-3, VDE 0660 Contact protection to VDE 0160 part 100
	100	125				**PN1-100** 259141		B		–		
	125	125				**PN1-125** 259142		B		–		
	160	160				**PN1-160** 281235		B		–		
	160	250	**PN2-160** 266005		S	**PN2-160-BT** 110308		B	–	–		
	200	250	**PN2-200** 266006		S	**PN2-200-BT** 110309		B		–		
	250	250	**PN2-250** 266007		S	**PN2-250-BT** 110310		B		–		
	400	630	**PN3-400** 266017		S	**PN3-400-BT** 110314		B	–	–		
	630	630	**PN3-630** 266018		S	**PN3-630-BT** 110315		B		–		
3 switch positions I, +, 0 Can be remotely operated with shunt release XU/XA, remote operator XR, Can be equipped with trip-indicating auxiliary contact M22-K..												
	63	125	Screw terminals as accessories			**N1-63** 259143		B	**N1-63-SVE** 113729		1 off	
	100	125				**N1-100** 259144		B	**N1-100-SVE** 113730			
	125	125				**N1-125** 259145		B	**N1-125-SVE** 113731			
	160	160				**N1-160** 281236		B	–			
	160	250	**N2-160** 266008		S	**N2-160-BT** 110311		B	**N2-160-SVE** 113733			
	200	250	**N2-200** 266009		S	**N2-200-BT** 110312		B	**N2-200-SVE** 113734			
	250	250	**N2-250** 266010		S	**N2-250-BT** 110313		B	**N2-250-SVE** 113735			
	400	630	**N3-400** 266019		S	**N3-400-BT** 110316		B	**N3-400-AVE** 110768			
	630	630	**N3-630** 266020		S	**N3-630-BT** 110317		B	**N3-630-AVE** 110769			
	800	1600	**N4-800** 266025		S	Terminals as accessory			Withdrawable units as accessories			
	1000	1600	**N4-1000** 266026		S							
	1250	1600	**N4-1250** 266027		S							
	1600	1600	**N4-1600** 266028		S							