

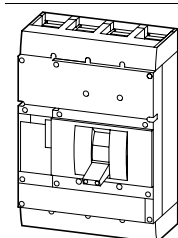
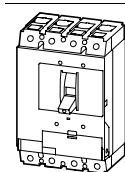
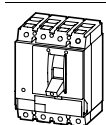
Normal switching capacity 50 kA at 415 V 50/60 Hz
Part no. Article no. Price see price list

Rated current = rated uninterrupted current	Setting range Overload releases		Short-circuit releases	
	Main pole	Neutral conductor	Non-delayed	Delayed short- circuit release
$I_n = I_u$ A	I_r A	I_r A	I_i A	I_{sd} A

Systems and cable protection, selectivity and generator protection

4 pole

Terminal screws standard, terminals as accessories



100	50...100	50...100	1200	100...1000	NZMN2-4-VE100 265933
160	80...160	80...160	1920	160...1600	NZMN2-4-VE160 265935
160	80...160	50...100	1920	160...1600	NZMN2-4-VE160/100 265936
250	125...250	125...250	3000	250...2500	NZMN2-4-VE250 265938
250	125...250	80...160	3000	250...2500	NZMN2-4-VE250/160 265939
400	200...400	200...400	800...4400	400...4000	NZMN3-4-VE400 265957
400	200...400	125...250	800...4400	400...4000	NZMN3-4-VE400/250 265958
630	315...630	315...630	1260...5040	472...4410	NZMN3-4-VE630 265960
630	315...630	200...400	1260...5040	472...4410	NZMN3-4-VE630/400 265961
800	400...800	400...800	1600...9600	800...8000	NZMN4-4-VE800 265975
800	400...800	250...500	1600...9600	800...8000	NZMN4-4-VE800/500 265976
1000	500...1000	500...1000	2000...12000	1000...10000	NZMN4-4-VE1000 265978
1000	500...1000	315...630	2000...12000	1000...10000	NZMN4-4-VE1000/630 265979
1250	630...1250	630...1250	2500...15000	1250...12500	NZMN4-4-VE1250 265981
1250	630...1250	400...800	2500...15000	1250...12500	NZMN4-4-VE1250/800 265982
1600	800...1600	800...1600	3200...19200	1600...16000	NZMN4-4-VE1600 265984
1600	800...1600	500...1000	3200...19200	1600...16000	NZMN4-4-VE1600/1000 265985

Notes



Notes for terminals → 10/51

High switching capacity¹⁾ 150 kA at 415 V 50/60 Hz
Part no. Article no. Price see price list

Std. pack Notes

NZMH2-4-VE100 265941	1 off	IEC/EN 60947-2 Adjustable overload releases I_r • 0.5 – 1 × I_n (ex-works 0.8 × I_n) Setting on neutral pole implemented via the main pole setting I_r of the main pole. R.m.s. value measurement and "thermal memory" Adjustable time delay setting to overcome current peaks t_r • 2 ... 20 s with 6 × I_r as well as infinity (without overload release) (ex-factory 10 s) – NZM...3-4-VE630: 2 – 14 s at 6 × I_r also infinity (without overload release) Adjustable delayed short-circuit releases I_{sd} • 2 – 10 × I_r (ex-works 6 × I_r) – NZM...3-4-VE630: 1.5 – 7 × I_r (ex-works 6 × I_r) Adjustable delay time t_{sd} • Steps: 0, 20, 60, 100, 200, 300, 500, 750, 1000 ms (ex-works 0 ms) Adjustable non-delayed short-circuit releases I_i • NZM2 fixed 12 × I_n • NZM...3-4-VE400: 2 – 11 × I_n (ex-works 6 × I_n) • NZM...3-4-VE630: 2 – 8 × I_n (ex-works 6 × I_n) • NZM...4-4-VE...: 2 – 12 × I_n (ex-works 12 × I_n) i^2t constant function (ex-works OFF) • NZM2 fixed OFF • NZM3, NZM4 switched (ex-works OFF) NZM...-4-VE... • With 100 % overload and short-circuit protection in 4th pole NZM...-4-VE.../... • With 60 % overload and short-circuit protection in 4th pole ¹⁾ High switching capacity for NZMH4-4-VE...: 100 kA
NZMH2-4-VE160 265943		
NZMH2-4-VE160/100 265944		
NZMH2-4-VE250 265946		
NZMH2-4-VE250/160 265947		
NZMH3-4-VE400 265963		
NZMH3-4-VE400/250 265964		
NZMH3-4-VE630 265966		
NZMH3-4-VE630/400 265967		
NZMH4-4-VE800 265987		
NZMH4-4-VE800/500 265988		
NZMH4-4-VE1000 265990		
NZMH4-4-VE1000/630 265991		
NZMH4-4-VE1250 265993		
NZMH4-4-VE1250/800 265994		
NZMH4-4-VE1600 265996		
NZMH4-4-VE1600/1000 265997		




Rated current = rated uninterrupted current $I_n = I_u$ A	Setting range	
	Overload releases	Short-circuit releases
	I_r A 	I_i A 

Basic switching capacity 25 kA at 415 V 50/60 Hz		Comfort switching capacity 36 kA at 415 V 50/60 Hz	
Part no. Article no.	Price see price list	Part no. Article no.	Price see price list


Protection of systems and cables

3 pole

Terminals standard, terminal screws as accessories

	20	15...20	350	NZMB1-A20 280987	NZMC1-A20 283293
	25	20...25	350	NZMB1-A25 280988	NZMC1-A25 283294
	32	25...32	350	NZMB1-A32 280989	NZMC1-A32 283295
	40	32...40	320...400	NZMB1-A40 259075	NZMC1-A40 271392
	50	40...50	300...500	NZMB1-A50 259076	NZMC1-A50 271393
	63	50...63	380...630	NZMB1-A63 259077	NZMC1-A63 271394
	80	63...80	480...800	NZMB1-A80 259078	NZMC1-A80 271395
	100	80...100	600...1000	NZMB1-A100 259079	NZMC1-A100 271396
	125	100...125	750...1250	NZMB1-A125 259080	NZMC1-A125 271397
	160	125...160	1280	NZMB1-A160 281230	NZMC1-A160 283296

Terminal screws standard, terminals as accessories

	20	15...20	350		
	25	20...25	350		
	32	25...32	350		
	40	32...40	320...400		
	50	40...50	300...500		
	63	50...63	380...630		
	80	63...80	480...800		
	100	80...100	600...1000		
	125	100...125	750...1250		
	160	125...160	960...1600	NZMB2-A160 259088	NZMC2-A160 271421
	200	160...200	1200...2000	NZMB2-A200 259089	NZMC2-A200 271422
	250	200...250	1500...2500	NZMB2-A250 259090	NZMC2-A250 271423

Notes Notes for terminals → 10/47

Normal switching capacity 50 kA at 415 V 50/60 Hz		High switching capacity 100 kA ¹⁾ /150 kA ²⁾ at 415 V 50/60 Hz	
Part no. Article no.	Price see price list	Part no. Article no.	Price see price list

Std. pack Notes

NZMN1-A20 281231	NZMH1-A20 284376	1 off	IEC/EN 60947-2 Adjustable overload releases I_r • $0.8 - 1 \times I_n$ (ex-works $0.8 \times I_n$) Adjustable short-circuit releases I_i • $6 - 10 \times I_n$ (ex-works $6 \times I_n$) – NZM...A40: $8 - 10 \times I_n$ (ex-works $8 \times I_n$) Fixed short-circuit release I_i • 350 A at $I_n = 20 - 32$ A • 1280 A at $I_n = 160$ A (NZM1) ¹⁾ valid for NZM1 ²⁾ valid for NZM2
NZMN1-A25 281232	NZMH1-A25 284377		
NZMN1-A32 281233	NZMH1-A32 284378		
NZMN1-A40 259081	NZMH1-A40 284379		
NZMN1-A50 259082	NZMH1-A50 284410		
NZMN1-A63 259083	NZMH1-A63 284411		
NZMN1-A80 259084	NZMH1-A80 284412		
NZMN1-A100 259085	NZMH1-A100 284413		
NZMN1-A125 259086	NZMH1-A125 284414		
NZMN1-A160 281234	NZMH1-A160 284415		

	NZMH2-A20 281281	1 off
	NZMH2-A25 281282	
	NZMH2-A32 281283	
	NZMH2-A40 259095	
	NZMH2-A50 259096	
	NZMH2-A63 259097	
	NZMH2-A80 259098	
	NZMH2-A100 259099	
	NZMH2-A125 259100	
NZMN2-A160 259092	NZMH2-A160 259101	
NZMN2-A200 259093	NZMH2-A200 259102	
NZMN2-A250 259094	NZMH2-A250 259103	