



NZM...3, NZM...4

Moeller HPL0211-2007/2008

http://catalog.moeller.net

Normal switching capacity 50 kA at 415 V 50/60 Hz

Rated current = rated uninterrupted current

Setting range

Overload releases

Short-circuit releases

Non-delayed

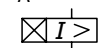
Delayed short-circuit release

$I_n = I_u$   
A

$I_r$   
A

$I_i$   
A

$I_{sd}$   
A



Part no.  
Article no.

Price  
see price list

Protection of systems and cables

3 pole

Terminal screws standard, terminals as accessories

	250	125...250	500...2750		<b>NZMN3-AE250</b> 259113	
	400	200...400	800...4400		<b>NZMN3-AE400</b> 259114	
	630	315...630	1260...5040		<b>NZMN3-AE630</b> 259115	
	630	315...630	1260...7560		<b>NZMN4-AE630</b> 265758	
	800	400...800	1600...9600		<b>NZMN4-AE800</b> 265759	
	1000	500...1000	2000...12000		<b>NZMN4-AE1000</b> 265760	
	1250	630...1250	2500...15000		<b>NZMN4-AE1250</b> 265761	
	1600	800...1600	3200...19200		<b>NZMN4-AE1600</b> 265762	

Systems and cable protection, selectivity and generator protection

3 pole

Terminal screws standard, terminals as accessories

	100	50...100	1200	100...1000	<b>NZMN2-VE100</b> 259122	
	160	80...160	1920	160...1600	<b>NZMN2-VE160</b> 259123	
	250	125...250	3000	250...2500	<b>NZMN2-VE250</b> 259124	
	250	125...250	500...2750	250...2500	<b>NZMN3-VE250</b> 259131	
	400	200...400	800...4400	400...4000	<b>NZMN3-VE400</b> 259132	
	630	315...630	1260...5040	472...4410	<b>NZMN3-VE630</b> 259133	
	630	315...630	1260...7560	630...6300	<b>NZMN4-VE630</b> 265768	
	800	400...800	1600...9600	800...8000	<b>NZMN4-VE800</b> 265769	
	1000	500...1000	2000...12000	1000...10000	<b>NZMN4-VE1000</b> 265770	
	1250	630...1250	2500...15000	1250...12500	<b>NZMN4-VE1250</b> 265771	
	1600	800...1600	3200...19200	1600...16000	<b>NZMN4-VE1600</b> 265772	
	2000	1000...2000	4000...16000	2000...12000	<b>NZMN4-VE2000<sup>2) 3)</sup></b> 107274	

Notes

Notes for terminals → 10/55

<sup>1)</sup> High switching capacity for NZMH4-VE...: 85 kA; please enquire for higher switching capacities.

<sup>2)</sup> please enquire.

<sup>3)</sup> cannot be used as withdrawable.

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High switching capacity 150 kA<sup>1)</sup> at 415 V 50/60 Hz

Part no.  
Article no.

Price  
see price list

Std. pack

Notes

<b>NZMH3-AE250</b> 259116	1 off	IEC/EN 60947-2
<b>NZMH3-AE400</b> 259117		Adjustable overload releases $I_r$
<b>NZMH3-AE630</b> 259118		• $0.5 - 1 \times I_n$ (ex-works $0.8 \times I_n$ )
<b>NZMH4-AE630</b> 265763		R.m.s. value measurement and "thermal memory"
<b>NZMH4-AE800</b> 265764		Adjustable short-circuit releases $I_i$
<b>NZMH4-AE1000</b> 265765		• NZM...3-AE250/400: $2 - 11 \times I_n$ (ex-works $6 \times I_n$ )
<b>NZMH4-AE1250</b> 265766		• NZM...3-AE630: $2 - 8 \times I_n$ (ex-works $6 \times I_n$ )
<b>NZMH4-AE1600</b> 265767		• NZM...4-AE...: $2 - 12 \times I_n$ (ex-works $6 \times I_n$ )

<b>NZMH2-VE100</b> 259125	1 off	IEC/EN 60947-2
<b>NZMH2-VE160</b> 259126		Adjustable overload releases $I_r$
<b>NZMH2-VE250</b> 259127		• $0.5 - 1 \times I_n$ (ex-works $0.8 \times I_n$ )
<b>NZMH3-VE250</b> 259134		R.m.s. value measurement and "thermal memory"
<b>NZMH3-VE400</b> 259135		Adjustable time delay setting to overcome current peaks $t_r$
<b>NZMH3-VE630</b> 259136		• $2 \dots 20$ s with $6 \times I_r$ as well as infinity (without overload release) (ex-factory 10 s)
<b>NZMH4-VE630</b> 265773		– NZM...4-VE2000: $2 \dots 10$ s at $6 \times I_r$ also infinity (ex-works 10 s)
<b>NZMH4-VE800</b> 265774		Adjustable delayed short-circuit releases $I_{sd}$
<b>NZMH4-VE1000</b> 265775		• $2 - 10 \times I_r$ (ex-works $6 \times I_r$ )
<b>NZMH4-VE1250</b> 265776		– NZM...3-VE630: $1.5 - 7 \times I_r$ (ex-works $6 \times I_r$ )
<b>NZMH4-VE1600</b> 265777		– NZM...4-VE2000: $2 - 6 \times I_r$ (ex-works $6 \times I_r$ )
<b>NZMH4-VE2000<sup>2) 3)</sup></b> 101400		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 $12 \times I_n$
		• NZM...3-VE250/400: $2 - 11 \times I_n$ (ex-works $6 \times I_n$ )
		• NZM...3-VE630: $2 - 8 \times I_n$ (ex-works $6 \times I_n$ )
		• NZM...4-VE...: $2 - 12 \times I_n$ (ex-works $12 \times I_n$ )
		• NZM...4-VE2000: $2 - 8 \times I_n$ (ex-works $8 \times I_n$ )
		$i^2t$ constant function
		• NZM2 fixed OFF
		• NZM3, NZM4 switched (ex-works OFF)