



NZM...2, NZM...3, NZM...4

Moeller HPL0211-2007/2008

http://catalog.moeller.net

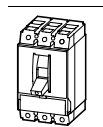
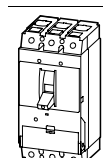
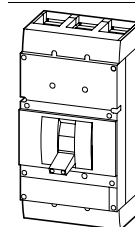
Rated current = rated uninterrupted current $I_n = I_u$	Setting range		Motor rating AC-3 at 400 V 50/60 Hz P	Rated operational current AC-3 at 400 V 50/60 Hz I_e	Part no. Article no.	Price see price list
	Overload releases I_r	Short-circuit releases I_i				
A	A	A	kW	A		

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

Motor protection

3 pole

Terminal screws standard, terminals as accessories

	90	45...90	90...1260	45	81	NZMN2-ME90 265778
	140	70...140	140...1960	75	134	NZMN2-ME140 265779
	220	110...220	220...3080	110	196	NZMN2-ME220 265780
	220	110...220	220...3080	110	196	NZMN3-ME220 265781
	350	175...350	350...4900	200	349	NZMN3-ME350 265782
	450	225...450	450...6300	250	437	NZMN3-ME450 284468
	550	275...550	550...7700	315 ¹⁾	544 ¹⁾	NZMN4-ME550 265783
	875	438...875	875...12250	500 ¹⁾	820 ¹⁾	NZMN4-ME875 265784
	1400	700...1400	1400...19600	630 ¹⁾	1066 ¹⁾	NZMN4-ME1400 265785

Notes

Notes for terminals → 10/51

- At 690 V AC
 NZM...4-ME550: $P = 560$ kW; $I_e = 550$ A
 NZM...4-ME875: $P = 600$ kW; $I_e = 588$ A
 NZM...4-ME1400: $P = 600$ kW; $I_e = 588$ A

²⁾ High switching capacity for NZMH4-ME...: 85 kA

Circuit-breakers, switch-disconnectors, IEC



http://catalog.moeller.net

Moeller HPL0211-2007/2008

NZM...2, NZM...3, NZM...4



High switching capacity ²⁾ 150 kA at 415 V 50/60 Hz Part no. Article no.	Price see price list	Std. pack	Notes

NZMH2-ME90 265786	1 off	IEC/EN 60947-2 and IEC/EN 60947-4-1 The circuit-breaker fulfills all requirements for AC-3 switching category. Adjustable overload releases I_r • $0.5 - 1 \times I_n$ (ex-works $0.8 \times I_n$) R.m.s. value measurement and "thermal memory" Adjustable time delay setting to overcome current peaks t_r • $2 \dots 20$ s with $6 \times I_r$ as well as infinity (without overload release) (ex-factory 10 s) Phase-failure sensitivity Adjustable short-circuit releases I_i • $2 - 14 \times I_r$ (ex-works $12 \times I_r$)
NZMH2-ME140 265787		
NZMH2-ME220 265788		
NZMH3-ME220 265789		
NZMH3-ME350 265790		
NZMH3-ME450 284469		
NZMH4-ME550 265791		
NZMH4-ME875 265792		
NZMH4-ME1400 265793		

Circuit-breakers, switch-disconnectors, IEC



Circuit-breaker, switch-disconnector for 1000 V AC, 3-pole

http://catalog.moeller.net

Moeller HPL0211-2007/2008

NZM...2, NZM...3, NZM...4



	Rated current = rated uninterrupted current $I_n = I_u$ A	Setting range Overload releases I_r A	Short-circuit releases		Part no. Article no.	Price see price list	Std. pack
			Non-delayed I_i A	Delayed I_{sd} A			
Protection of systems and cables							
3 pole							
Terminal screws standard, terminals as accessories							
	100	50...100	1200	100...1000	NZMH2-VE100-S1 100777		1 off
	160	80...160	1920	160...1600	NZMH2-VE160-S1 100778		
	250	125...250	2000	250...2500	NZMH2-VE250-S1 100779		
	630	315...630	1260 – 7560	630...6300	NZMH4-VE630-S1 290375		1 off
	800	400...800	1600 – 9600	800...8000	NZMH4-VE800-S1 290376		
	1000	500...1000	2000 – 2000	1000...10000	NZMH4-VE1000-S1 290377		
	1250	630...1250	2500 – 15000	1250...12500	NZMH4-VE1250-S1 290378		
	1600	800...1600	3200 – 19200	1600...16000	NZMH4-VE1600-S1 290379		
Motor protection							
3 pole							
Terminal screws standard, terminals as accessories							
	220	110...220	220...3080		NZMN3-ME220-S1 290380		1 off
	350	175...350	350...4900		NZMN3-ME350-S1 290381		
	450	225...450	450...6300		NZMN3-ME450-S1 290382		
	550	275...550	550...7700		NZMH4-ME550-S1 290383		1 off
	875	438...875	875...1250		NZMH4-ME875-S1 290384		
	1400	700...1400	1400...19600		NZMH4-ME1400-S1 290385		

Notes Accessories → Plug in and withdrawable units on request

- IEC/EN 60947-2
- Adjustable overload releases I_r
 - $0.5 - 1 \times I_n$ (ex-works $0.8 \times I_n$)
- R.m.s. value measurement and "thermal memory"
- Adjustable time delay setting to overcome current peaks t_r
 - $2 \dots 20$ s with $6 \times I_r$ as well as infinity (without overload release) (ex-factory 10 s)
- Adjustable delayed short-circuit releases I_{sd}
 - $2 - 10 \times I_r$ (ex-works $6 \times I_r$)
- 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 $12 \times I_n$
 - NZM4: $2 - 12 \times I_n$ (ex-works $12 \times I_n$)
- i^2t constant function
 - NZM2 fixed OFF
 - NZM4 switched (OFF ex-works)
- 2) IEC/EN 60947-2
- Trip block with motor protection characteristic
- Adjustable overload releases I_r
 - $0.5 - 1 \times I_n$ (ex-works $0.8 \times I_n$)
- R.m.s. value measurement and thermal memory
- Adjustable time delay setting to overcome current peaks t_r
 - $2 - 20$ s with $6 \times I_r$ also infinity (without overload release) (ex-works 10 s)
- Phase failure sensitivity
- Adjustable short-circuit releases I_i
 - $2 - 14 \times I_r$ (ex-works $12 \times I_r$)
- Connections:
 - NZM3: NZM3-XKSA cover necessary
 - NZM4: Insulated busbar connection (NZM4-XKS screw terminal)
- Connection types
 - NZM2: NZM2-XKSA cover required
 - NZM4: insulated busbar connection (screw terminal NZM4-XKS)

Circuit-breakers, switch-disconnectors, IEC 1000 V

