Rated current = rated uninterrupted current	Setting range Short-circuit releases	Motor rating AC-3 at 400 V 50/60 Hz	Rated operational current AC-3 at 400 V 50/60 Hz	Basic switching capacity **25 kA** at 415 V 50/60 Hz		Normal switching capacity **50 kA** at 415 V 50/60 Hz	
				Part no. Article no.	**Price** see price list	**Part no.** Article no.	**Price** see price list
$I_n = I_u$	I_i	P	I_e				
A	A	kW	A				
	$I>$						
Short-circuit protection							
Motor protection in conjunction with overload relay • With short-circuit release • Without overload release							
3 pole							
Terminals standard, terminal screws as accessories							
40	320…560	18.5	36	**NZMB1-S40** 265726		**NZMN1-S40** 265731	
50	400…700	22	41	**NZMB1-S50** 265727		**NZMN1-S50** 265732	
63	504…882	30	55	**NZMB1-S63** 265728		**NZMN1-S63** 265733	
80	640…1120	37	68	**NZMB1-S80** 265729		**NZMN1-S80** 265734	
100	800…1250	55	99	**NZMB1-S100** 265730		**NZMN1-S100** 265735	
Terminal screws standard, terminals as accessories							
40	320…560	18.5	36				
50	400…700	22	41				
63	504…882	30	55				
80	640…1120	37	68				
100	800…1400	55	99				
125	1000…1750	55	99	**NZMB2-S125** 265736		**NZMN2-S125** 265739	
160	1280…2240	75	134	**NZMB2-S160** 265737		**NZMN2-S160** 265740	
200	1600…2500	110	196	**NZMB2-S200** 265738		**NZMN2-S200** 265741	

Notes Notes for terminals → 10/47

High switching capacity **100 kA** at 415 V 50/60 Hz				Std. pack	**Notes**
Part no. Article no.	**Price** see price list	**Part no.** Article no.	**Price** see price list		
NZMH1-S40 284436				1 off	IEC/EN 60947-4-1 and IEC/EN 60947-2 The circuit-breaker fulfills all requirements for AC-3 switching category. Adjustable short-circuit releases I_i • 8 – 14 × I_n (ex-works 12 × I_n) – NZM...1-S100, NZM...2-S200: 8 – 12.5 × I_n (ex-works 12 × I_n) Without overload release I_r
NZMH1-S50 284437					
NZMH1-S63 284438					
NZMH1-S80 284439					
NZMH1-S100 284440					
NZMH2-S40 265742		**NZML2-S40** 265750		1 off	
NZMH2-S50 265743		**NZML2-S50** 265751			
NZMH2-S63 265744		**NZML2-S63** 265752			
NZMH2-S80 265745		**NZML2-S80** 265753			
NZMH2-S100 265746		**NZML2-S100** 265754			
NZMH2-S125 265747		**NZML2-S125** 265755			
NZMH2-S160 265748		**NZML2-S160** 265756			
NZMH2-S200 265749		**NZML2-S200** 265757			

Selection

of circuit-breakers without overload release when combining with ZEV electronic motor-protective relay:

The tripping response of the ZEV motor-protective relay is matched by setting of the tripping class (CLASS), to the starting behaviour of the motor to be protected.

	I_n in A	**Maximum permissible tripping class 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

Tripping class	**Tripping time T_p with load on all poles of 7.2 times current setting 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

Motor-starter combination of classification types 1 and 2 can be found in the "Fuseless motor-starter combinations" section.