



# Motor Disconnect Switches Type NZM(H)9-.../ZM9-...-CNA

UL/CSA, IEC/EN 60 947-2

1	2	3	4				5	6
Frame Rating	Adjustable Thermal Range for motor overload protection	Adjustable Magnetic Trip Range	Maximum HP Rating 3 Phase @				Type	Price
	Amps	Amps	200 V HP	230 V HP	460 V HP	575 V HP	Standard	\$
<b>Standard Short Circuit Ratings</b>								
<b>NZM 9-.../ZM 9-...-CNA</b>								
	63 – 100	600 – 1200	30	30	<b>75</b>	100	NZM 9-250/ZM 9-100-CNA NZM 9-250/ZM 9-160-CNA NZM 9-250/ZM 9-200-CNA NZM 9-250/ZM 9-250-CNA	See Price List
	100 – 160	1000 – 2000	50	60	<b>125</b>	150		
	160 – 200	1600 – 2400	60	75	<b>150</b>	200		
	200 – 250	1600 – 2400	75	75	<b>150</b>	225		
	<b>with optional lower magnetic trip values:</b>							
(250A)	63 – 100	400 – 800	30	30	<b>75</b>	100	NZM 9-250/ZM 9-100-800-CNA NZM 9-250/ZM 9-160-1200-CNA NZM 9-250/ZM 9-200-2000-CNA NZM 9-250/ZM 9-250-2000-CNA	See Price List
	100 – 160	600 – 1200	50	60	<b>125</b>	150		
	160 – 200	1000 – 2000	60	75	<b>150</b>	200		
	200 – 250	1000 – 2000	75	75	<b>150</b>	225		
	<b>High Fault Short Circuit Ratings</b>							
<b>NZMH 9-.../ZM 9-...-CNA</b>								
	63 – 100	600 – 1200	30	30	<b>75</b>	100	NZMH 9-250/ZM 9-100-CNA NZMH 9-250/ZM 9-160-CNA NZMH 9-250/ZM 9-200-CNA NZMH 9-250/ZM 9-250-CNA	See Price List
	100 – 160	1000 – 2000	50	60	<b>125</b>	150		
	160 – 200	1600 – 2400	60	75	<b>150</b>	200		
	200 – 250	1600 – 2400	75	75	<b>150</b>	225		
	<b>with optional lower magnetic trip values:</b>							
(250A)	63 – 100	400 – 800	30	30	<b>75</b>	100	NZMH 9-250/ZM 9-100-800-CNA NZMH 9-250/ZM 9-160-1200-CNA NZMH 9-250/ZM 9-200-2000-CNA NZMH 9-250/ZM 9-250-2000-CNA	See Price List
	100 – 160	600 – 1200	50	60	<b>125</b>	150		
	160 – 200	1000 – 2000	60	75	<b>150</b>	200		
	200 – 250	1000 – 2000	75	75	<b>150</b>	225		

Types **NZM 9-.../ZM 9-...-CNA** and **NZMH 9-.../ZM 9-...-CNA** Disconnect Switches are UL recognized (UL 508) and CSA certified (22.2 Nr. 14) as 3-pole, HP rated manual motor disconnects with built-in thermal trips for motor overload protection. An adjustable dial on the front of the switch (refer to column 2) can be set to the Motor Full Load Current. They also feature an adjustable magnetic trip to provide additional protection in case of short circuits. Per NEC, Branch Circuit Overcurrent protection devices must be provided separately.

Type	UL/CSA Short Circuit Current Rating RMS Sym Rating @		
	240 V AC	480 V AC	600 V AC
<b>NZM 9-.../ZM 9-...-CNA</b>	30 kA	25 kA	18 kA
<b>NZMH 9-.../ZM 9-...-CNA</b>	200 kA	85 kA	42 kA

Types **NZM 9-.../ZM 9-...-CNA** and **NZMH 9-.../ZM 9-...-CNA** Disconnect Switches are CE Marked and in Conformity with IEC/EN 60 947-2 (Circuit Breakers), which makes them suitable internationally as inverse time molded case circuit breakers with adjustable thermal and magnetic trips. Consult the technical data at the back of this section and Moeller Electric for IEC/EN ratings.

### Ordering Information:

State type from Column 5. Example: **NZM 9-250/ZM 9-200-CNA**

### Note:

- For direct-on-line switching of motors, use in combination with a listed magnetic contactor.
- Operating Handle supplied separately. Consult page 8/28 for available handle types.
- Consult page 8/ 26 - 31 for additional accessories.
- Line and Load field-wiring terminals for cable connection supplied as standard.