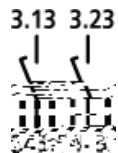# MOELLER Ⓐ Ⓜ

Type: **NZM1−XHIV**
Article No.: **259426**
Sales text **Early−make aux.contact**

For interlocking and load shedding circuits, as well as for early make of the undervoltage release in main switch/Emergency−stop applications

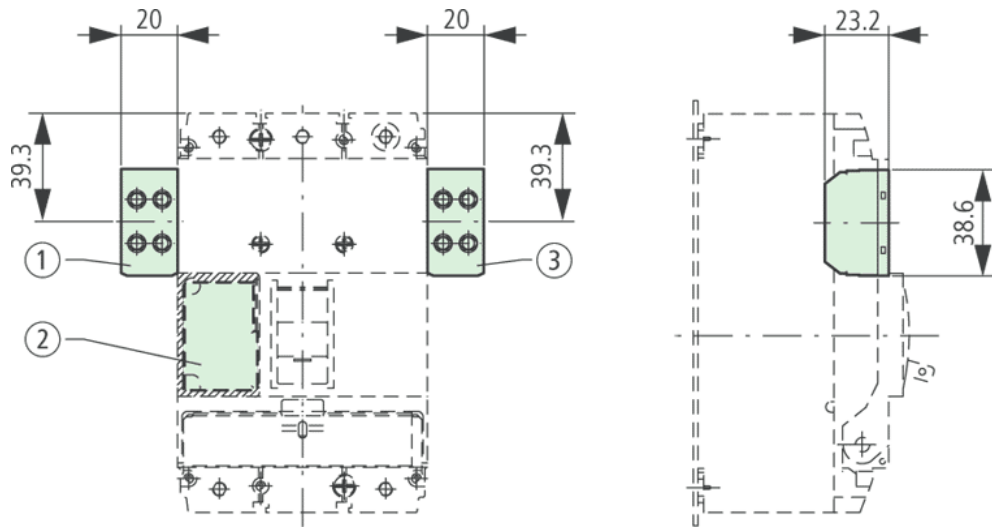| Ordering information		
Description		With clamp terminal on the left−hand switch side.
For use with		NZM1(−4) PN1(−4) N(S)1(−4)
Auxiliary contacts: = safety function, by positive opening to IEC/EN 60947−5−1		
N/O = Normally open		2 N/O

Contact sequence

Notes concerning the product group

Not in conjunction with NZM...−XU... undervoltage release or NZM...−XA... shunt release

Early make with switch on and switch off (manual operation) approx. 20ms

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Auxiliary contacts

Rated operational voltage			
Rated operational voltage	U_e	V AC	500
Rated operational voltage	Ue	V DC	220
Conventional thermal current	$I_{th} = I_e$	A	4
Rated operational current			
AC−15			
115 V	I_e	A	4
230 V	I_e	A	4
400 V	I_e	A	2
500 V	I_e	A	1
DC−13			
24 V	I_e	A	3
42 V	I_e	A	1,5
60 V	I_e	A	0,8
110 V	I_e	A	0,5
220 V	I_e	A	0,2
Short−circuit protection			
max. fuse		A gG/gL	10
Max. miniature circuit−breaker		A	FAZ−B6
Early−make time compared to the main contacts during switch on and off (switching times with manual operation)		ms	NZM1, PN1, N(S)1: approx. 20 NZM2, PN2, N(S)2: approx. 20 NZM3, PN3, N(S)3: approx. 20 NZM4, N(S)4: approx. 90 With NZM4/N(S)4 the HIV does **not** feature early break.
Terminal capacities			
Solid or flexible conductor with ferrule		mm^2	1 × (0.75 ... 2.5) 2 × (0.75 ... 2.5)
		AWG	1 × (18 − 14) 2 × (18 − 14)
UL/CSA			
Rated operational current	I_e	A	2.5 A − 240 V AC 1 A − 250 V DC
Heavy Pilot Duty			C300/R300

Dimensions

NZM1−XA(HIV)
NZM1−XU(HIV)(20)
NZM1−XHIV

NZM1−XA(HIV)(L)
NZM1−XU(V)(HIV)(L)(20)
NZM1−XHIV(L)

NZM1−XHIVR