

Early-make auxiliary contact

Part no. **NZM4-XHIV**

Article no. **266172**

Powering Business Worldwide™

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

Approvals

Product Standards	UL489; CSA-C22.2 No. 5-09; IEC60947, CE marking
UL File No.	E140305
UL CCN	DIHS
CSA File No.	022086
CSA Class No.	1437-01
NA Certification	UL listed, CSA certified

Auxiliary contacts

Rated operational voltage	U_e	V	
Rated operational voltage	Ue	V AC	500
Rated operational voltage, max.	Ue	V DC	220
Conventional thermal current	Ith=Ie	CSA	4
Rated operational current	I_e	A	
Different rated operational currents when used as auxiliary contact for NZM circuit-breaker			M22-K... / M22-CK... / XHIV bei AC = 50/60 Hz Bemessungsbetriebsstrom AC-15 115 V Ie A: 4 / 4 / 4 230 V Ie A: 4 / 4 / 4 400 V Ie A: 2 / - / 2 500 V Ie A: 1 / - / 1 DC-13 24 V Ie A: 3 / 3 / 3 42 V Ie A: 1.7 / 1 / 1.5 60 V Ie A: 1.2 / 0.8 / 0.8 110 V Ie A: 0.8 / 0.5 / 0.5 220 V Ie A: 0.3 / 0.2 / 0.2
Short-circuit protection			
max. fuse		A gG/gL	10
Max. miniature circuit-breaker		A	FAZ-B6
Operating times			
			Early-make time of the HIV compared to the main contacts during with make and break switching. (switch times with manual operation): NZM1, PN1, N(S)1: ca. 20 ms NZM2, PN2, N(S)2: ca. 20 ms NZM3, PN3, N(S)3: ca. 20 ms NZM4, N(S)4: approx. 90 ms, the HIV switch early **Off**switching **not** forward.
Terminal capacities		mm^2	
Solid or flexible conductor with ferrule		mm^2	1 x (0.75 … 2.5) 2 x (0.75 … 2.5)

		AWG	1 x (18 - 14) 2 x (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
Other technical data (sheet catalogue)			Maximum equipment and position of the internal accessories Time differences ON-OFF

Technical data ETIM 4.0

Suitable for earth leakage circuit breaker			No
Type of electric connection			Screw connection
Rated operation current Ie at AC-15, 230 V		A	4
Mounting type			Half-integrated
Suitable for pendant switch			No
Suitable for front element			No
Suitable for circuit-breakers			YES
Suitable for safety position switches			No
Suitable for step switches			No
Suitable for pressure switch/selector switch actuator			No
Suitable for cam switches			No
Suitable for motor protective circuit breakers			No
Suitable for series-mounting relays			No
Suitable for solenoid			No
Suitable for compact switch-disconnector			YES
Suitable for miniature circuit-breakers			No
Suitable for pulse relay			No
Suitable for contactor relay relay			No
Suitable for pendant pushbutton			No
Suitable for residual current device			No
Number of contacts as change-over contact			0
Number of contacts as N/O			2
Number of contacts as NC			0
Suitable for impulse relays			No
Suitable for position switches			No
Suitable for switch-disconnector/residual current device			No
Suitable for contactors			No
Suitable for installation contactor / installation relay			No

Additional product information (links)

IL01210005Z (AWA1230-2027) Shunt release, Undervoltage release, Early-make auxiliary contact	
IL01210005Z (AWA1230-2027) Shunt release, Undervoltage release, Early-make auxiliary contact	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL01210005Z2010_10.pdf

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