



Auxiliary contact, 2early N/O, operates as an early-make contact

EATON

Powering Business Worldwide™

Part no. NZM2/3-XHIV
Article no. 259430

Catalog No.

Approvals

Product Standards
 UL File No.
 UL Category Control No.
 CSA File No.
 CSA Class No.
 North America Certification

UL489; CSA-C22.2 No. 5-09; IEC60947, CE marking
 E140305
 DIHS
 022086
 1437-01
 UL listed, CSA certified

Auxiliary contacts

Rated operational voltage	U _e	V							
Rated operational voltage	U _e	V AC	500						
Rated operational voltage, max.	U _e	V DC	220						
Conventional thermal current	I _{th} =I _e	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-1315 V	I _e	A	4	4	4
				230 V	I _e	A	4	4	4
				400 V	I _e	A	2	-	2
				500 V	I _e	A	1	-	1
				DC-134 V	I _e	A	3	3	3
				42 V	I _e	A	1.7	1	1.5
				60 V	I _e	A	1.2	0.8	0.8
				110 V	I _e	A	0.8	0.5	0.5
				220 V	I _e	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 Offswitching 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 5.0

Low-voltage industrial components (EG000017) / Auxiliary contact block (EC000041)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Auxiliary switch block (ecl@ss8-27-37-13-02 [AKN342009])			
Number of contacts as change-over contact			0
Number of contacts as normally open contact			2
Number of contacts as normally closed contact			0
Rated operation current I_e at AC-15, 230 V		A	4
Type of electric connection			Screw connection
Mounting method			Half-integrated

Additional product information (links)

IL01208005Z (AWA1230-1915) Shunt release, Undervoltage release, Early-make auxiliary contact	
IL01208005Z (AWA1230-1915) Shunt release, Undervoltage release, Early-make auxiliary contact	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL01208005Z2011_08.pdf