



Undervoltage Trigger, 24VAC, +2fs

Type
Part No. **NZM2/3-XUHIV20LK24AC**
 285291

Delivery Program

Range			Additional Equipment
Accessories			Undervoltage Trigger
Accessories			Undervoltage Trigger with Pre-auxiliary Switch
Standard/Approval			UL/CSA, IEC
Construction Size			NZM2/3
Description			Undervoltage trigger with 2 pre-auxiliary switches, e.g., for pre-activating the undervoltage trigger in main switch applications, as well as for interlocking and load shedding circuits. Suitable for emergency stop devices in conjunction with emergency stop buttons. When the undervoltage trigger is de-energized, contact with the main switch contacts during power-on attempts is safely prevented. Pre-activation of auxiliary contacts during switching on and off (manual operation): approx. 20 ms. Not compatible with remote control NZM...-XR.... Cannot be installed simultaneously with pre-auxiliary switch NZM...-XHIV... or operating current trigger NZM...-XA....
Connection Type			Coil connections with 3 m loose connection cables, auxiliary switch connections wired to terminal block
Auxiliary Switch			With 2 separate pre-auxiliary switches
Rated Control Power Supply Voltage	Us	V	24 V 50/60 Hz
Suitable for			NZM2(-4), N(S)2(-4) NZM3(-4), N(S)3(-4)

Technical Data Undervoltage Trigger

Rated Control Power Supply Voltage	Us	V	
AC Voltage	Us	V AC	24 - 600
DC Voltage	Us	V DC	12 - 250
Rated Control Power Supply Voltage	Us	V	24 V 50/60 Hz
Operating Range			
Dropout Voltage		x Us	0.35 - 0.7
Pick-up Voltage	x Uc		0.85 - 1.1
Power Consumption			
AC Voltage			
Pick-up Power AC		VA 1.5	
Hold Power AC		VA 1.5	
DC Voltage		x Us	
Pick-up Power DC		W	0.8
Holding power DC		W	0.8
Maximum opening time (reaction time until the main contacts open)		ms	19
Minimum command duration		ms	10 - 15

Connection cross-sections

single-/fine-wire, with crimp terminal		mm ²	1 x (0.75 - 2.5) 2 x (0.75 - 2.5)
		AWG	1 x (18 - 14) 2 x (18 - 14)

Technical data according to ETIM 4.0

Rated control supply voltage Us at AC 50 Hz		V	24 - 24
Rated control supply voltage Us at AC 60 Hz		V	24 - 24
Rated control supply voltage Us at DC		V	0 - 0
Actuation voltage type			AC
Type of electrical connection			Screw connection
Number of contacts as a switch			2

Number of contacts as normally open			0
Number of contacts as changeover			0
Delayed			No
Suitable for circuit breakers			Yes
Suitable for load switches			Yes
Suitable for motor protective switches			No
Suitable for overload relays			No

Approvals

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

Additional product information (links)

IL01208005Z(AWA1230-1915)Power current trigger,Undervoltage trigger,Pre-actingAuxiliary switch			
IL01208005Z (AWA1230-1915) Power current trigger, Undervoltage trigger, pre-acting Auxiliary switch	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL01208005Z2011_08.pdf		