



Undervoltage release, 208-240VAC +2N/0em

Part no. **NZM2/3-XUHIV20LK208-240AC**
Article no. **284408**

Delivery program

Product range			Accessories
Accessories			Undervoltage release
Accessories			Undervoltage release with early-make auxiliary contact
Standard/Approval			UL/CSA, IEC
Construction size			NZM2/3
Description			Undervoltage release with 2 early-make auxiliary contacts, e.g., for early-make connection of undervoltage release in main switch applications, as well as for interlock and load shedding circuits. For use with emergency switching off devices in conjunction with Emergency switching off button. When the undervoltage release is de-energized, accidental contact with the main contacts of the switch during attempts to switch on is safely prevented. Early make of auxiliary contacts on switching on and off (manual operation): approx. 20 ms Cannot be used in conjunction with NZM...-XR... remote operator. Undervoltage releases cannot be installed simultaneously with NZM...-XHIV... early-make auxiliary contact or NZM...-XA... shunt release.
Connection type			Coil terminals with 3 m of loose connection cables Auxiliary contact terminals wired to terminal block
Auxiliary contacts			with two separate early-make auxiliary contacts
Rated control voltage	U _s	V	208 - 240 V 50/60 Hz
For use with			NZM2(-4), N(S)2(-4) NZM3(-4), N(S)3(-4)

Technical data

Undervoltage release

Rated control voltage	U _s	V	
AC	U _s	V AC	24 - 600
DC	U _s	V DC	12 - 250
Rated control voltage	U _s	V	208 - 240 V 50/60 Hz
Operating range			
Drop-out voltage		x U _s	0.35 - 0.7
Pick-up voltage	x U _c		0.85 - 1.1
Power consumption			
AC			
Pick-up AC		VA	1.5
Sealing AC		VA	1.5
DC		x U _s	
Pick-up DC		W	0.8
Sealing DC		W	0.8
Maximum opening delay (response time until opening of the main contacts)		ms	19
Minimum command time		ms	10 - 15

Terminal capacities

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)

Technical data ETIM 4.0

Rated control supply voltage U _s at AC 50HZ		V	208 - 240
Rated control supply voltage U _s at AC 60HZ		V	208 - 240
Rated control supply voltage U _s at DC		V	0 - 0
Voltage type for actuating			AC
Type of electric connection			Screw connection
Number of contacts as normally open contact			2

Number of contacts as normally closed contact			0
Number of contacts as change-over contact			0
Delayed			No
Suitable for power circuit breaker			Yes
Suitable for switch disconnecter			Yes
Suitable for motor safety switch			No
Suitable for overload relay			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) 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		