



Undervoltage release with 2 separate VHI

Part no. NZM2/3-XUHIV20110-130AC

Article no. 259648



For use with Emergency-Stop devices in conjunction with Emergency-Stop button.

Delivery programme

Range			Accessories
Accessories			Undervoltage release
Accessories			Undervoltage release with early-make auxiliary contact
Standard/Approval			UL/CSA, IEC
Construction size			NZM2/3
Description			For interlocking and load-shedding circuits, as well as for early-make of the undervoltage release in main-switch applications. For use with emergency switching off devices in conjunction with Emergency switching off button. When the shunt release is 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			Contacts 3.23 and 3.24 with separate 3 m connection cables
Auxiliary contacts			with two separate early-make auxiliary contacts
Rated control voltage	U_s	V	110 - 130 V 50/60 Hz
For use with			NZM2(-4), N(S)2(-4) NZM3(-4), N(S)3(-4)

Approbationen

Product Standards
UL File No.
UL CCN
CSA File No.
CSA Class No.
NA Certification

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

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	110 - 130 V 50/60 Hz
Operating range			
Drop-out voltage		$x U_s$	0.35 - 0.7
Pick-up voltage		$x U_s$	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

Shunt release

Operating range			
AC		$x U_s$	
AC voltage operating range, min.		$x U_s$	0.35
Maximum opening delay (response time until opening of the main contacts)		ms	Approx. 19
Minimum command time		ms	Approx. 10 - 15

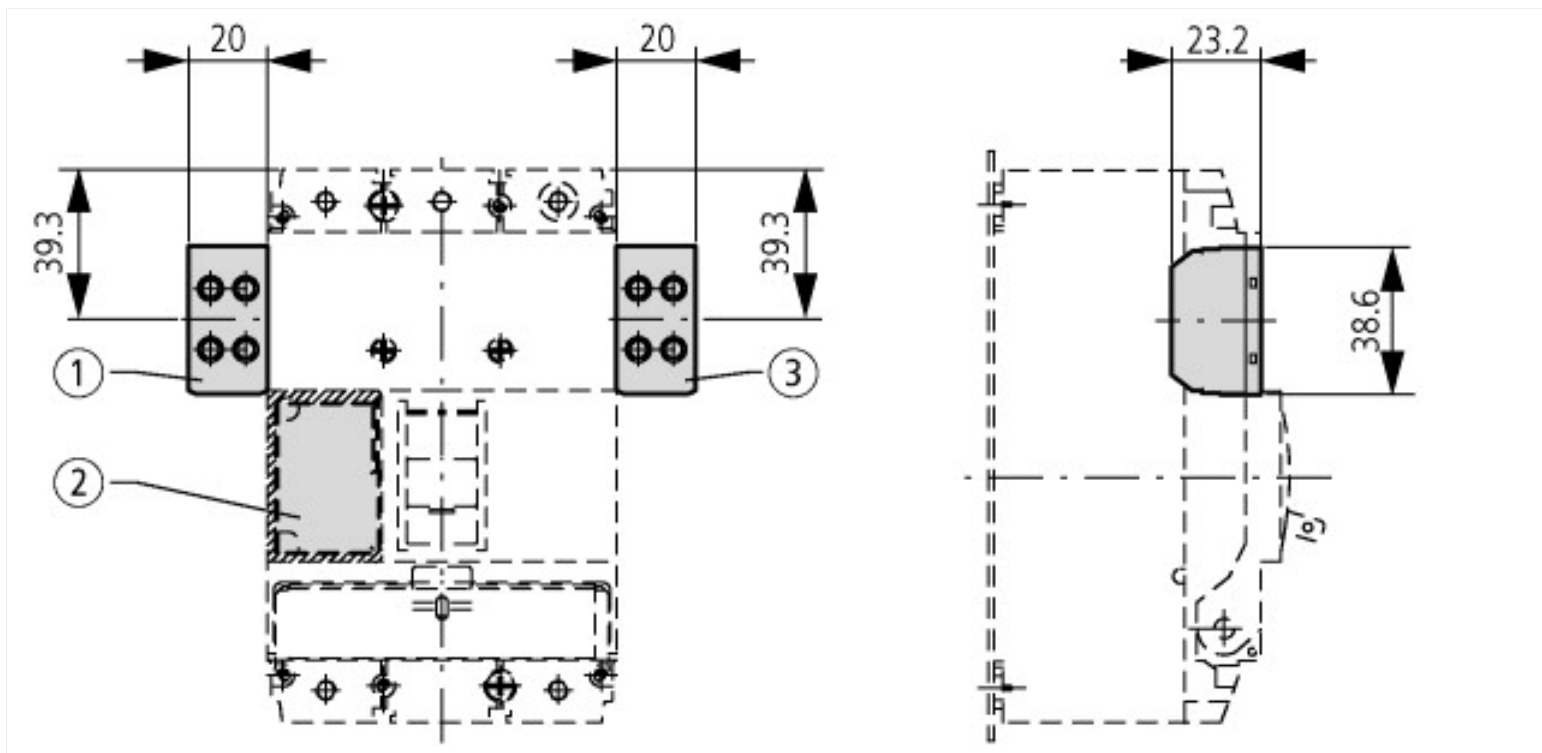
Terminal capacities

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)

Technische Daten nach ETIM 4.0

Delayed			No
Suitable for load-break switches			YES
Suitable for overload relays			No
Design of electrical connection			Screw connection
Rated control voltage U_s at AC 50 Hz		V	130
Rated control voltage U_s at AC 60 Hz		V	130
Rated control voltage U_s at DC		V	0
Suitable for motor protective circuit breakers			No
Suitable for circuit breakers			YES
Voltage type for actuation			AC
Number of contacts as N/C			0
Number of contacts as N/O			2
Number of changeover contacts			0

Dimensions



Additional product information (links)

IL01208005Z (AWA1230-1915) Shunt release, undervoltage release, early-make auxiliary contact

ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL01208005Z2010_11.pdf