

Undervoltage release

Part no. **NZM2/3-XU208-240AC**

Article no. **259499**

Non-delayed disconnection of NZM circuit-breakers or N switch-disconnectors when the control voltage sinks below 35 - 70% U_S.

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

Program

Range			Accessories
Accessories			Undervoltage release
Accessories			Undervoltage releases
Standard/Approval			UL/CSA, IEC
Construction size			NZM2/3
Description			Non-delayed disconnection of NZM circuit-breaker or N switch-disconnector when the control voltage sinks below 35 – 70% US. 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. Undervoltage releases cannot be installed simultaneously with NZM...-XHIV... early-make auxiliary contact or NZM...-XA... shunt release.
Connection type			- without entry -
Auxiliary contacts			Without auxiliary contact
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)

Approbationen

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

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_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

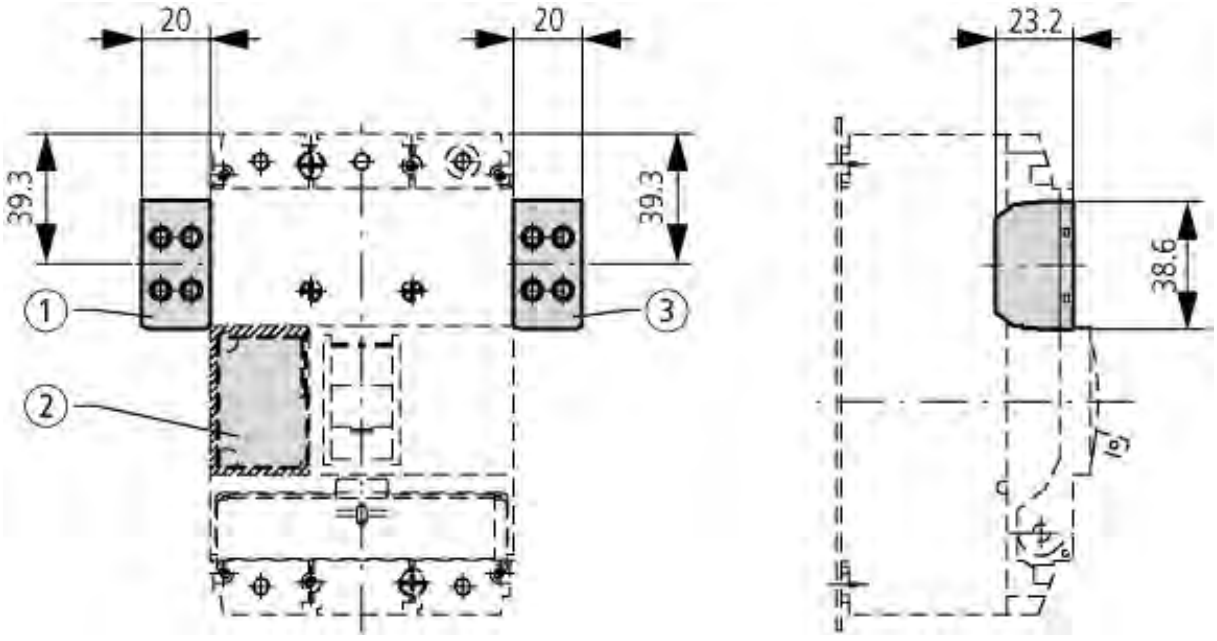
Terminal capacities

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)

Technical data according to 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 Us at AC 50 Hz		V	240
Rated control voltage Us at AC 60 Hz		V	240
Rated control voltage Us 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			0
Number of changeover contacts			0

Dimensions



Additional product information (links)

IL01208005Z (IL01208005Z) Shunt release, Undervoltage release, Early-make auxiliary contact	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL01208005Z2011_08.pdf
Installation Instructions	http://www.moeller.net/en/support/instructions_awa.jsp
Documentation	http://www.moeller.net/en/support/index.jsp

© 07/2011 by Eaton Industries GmbH