



Releases U,UHI,UV,UVHI-PKZ2



Powering Business Worldwide™

Part no. U-HI20-
PKZ2(110V50HZ,120V60HZ)

Article no. 063655

For AC

Delivery programme

Product range		Accessories: PKZ2 System - PRODUCT DISCONTINUATION IN 2012																				
Accessories		Shunt and undervoltage releases with auxiliary contacts for alternating voltage																				
Contact sequence																						
Contact diagram																						
Notes	<p>Can be fitted to motor-protective circuit-breaker, circuit-breaker, (high-capacity) compact starter</p> <p>Can be combined with remote operator.</p> <p>Two integral early-make contacts.</p> <p>When combined with circuit-breaker, can be used as Emergency-Stop device to IEC/EN 60204.</p> <p>When the circuit-breaker is in the tripped position "+", the auxiliary contacts are closed.</p> <p>The undervoltage release can be energized early by means of an additional link (see circuit diagram). This function must not be used in conjunction with RE/RS-PKZ2 (remote operators).</p>																					
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Approvals

Product Standards

UL 508; CSA-C22.2 No. 14; IEC60947-4-1; CE marking

Voltage releases

Rated impulse withstand voltage	U_{imp}	V AC	6000
Overvoltage category/pollution degree			III/3
Terminal capacities		mm ²	
Solid or flexible conductor with ferrule		mm ²	1 x (0.75 - 2.5) 2 x (0.75 - 2.5)
Solid or stranded		AWG	22 - 14
Rated operating voltage	U_e	V AC	24 - 600
Rated operating voltage	U_e	V DC	24 - 125
Drop-out voltage	$x U_s$		0.7 - 0.35

Power consumption

AC			
Pick-up AC	Pick-up	VA	5
Sealing AC	Sealing	VA	3
DC		$x U_s$	
Pull-in DC	Pick-up	W	3

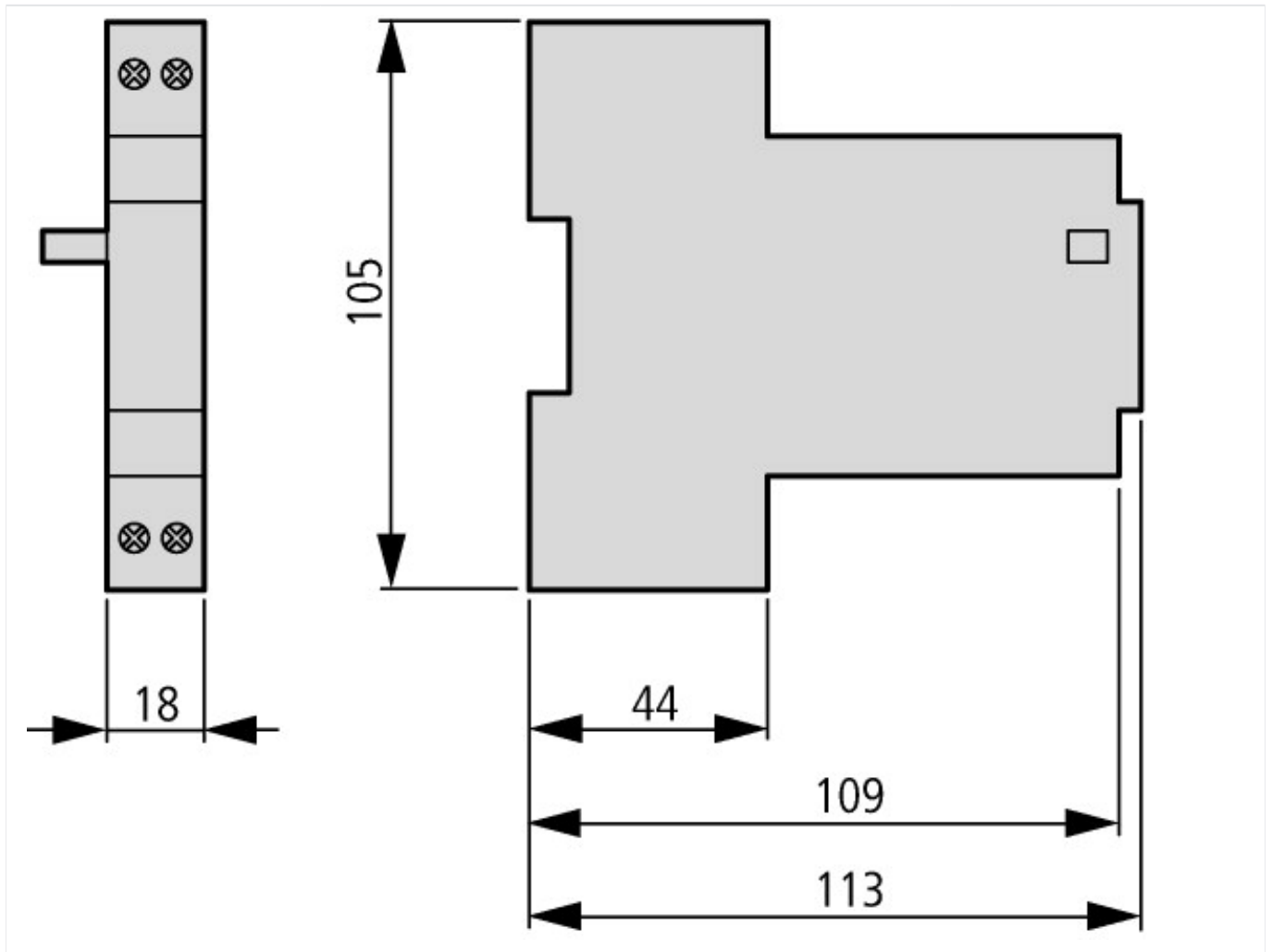
Rated operational current

AC-15			
220 V 230 V 240 V	I_e	A	6
380 V 400 V 415 V	I_e	A	3
440 V	I_e	A	1.5

Technical data ETIM 4.0

Delayed			No
Suitable for load-break switches			No
Suitable for overload relays			No
Design of electrical connection			Screw connection
Rated control voltage U_s at AC 50 Hz		V	110
Rated control voltage U_s at AC 60 Hz		V	120
Rated control voltage U_s at DC		V	0
Suitable for motor protective circuit breakers			YES
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)

AWA1280-1379 Undervoltage release, non-delayed with auxiliary contact	
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Motor starters and "Special Purpose Ratings" for the North American market	http://www.moeller.net/binary/ver_techpapers/ver953en.pdf
Busbar Component Adapters for modern Industrial control panels	http://www.moeller.net/binary/ver_techpapers/ver960en.pdf