



## Shunt Release

Part no.

A-PKZ0(110V50HZ)

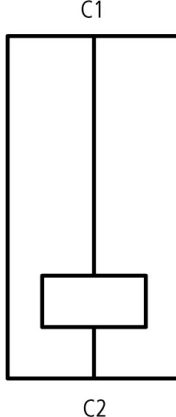
Article no.

073184



Powering Business Worldwide™

## Delivery programme

|                                                                                                                                                                                                     |  |  |                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--------------------------------------------------------------------------------------------|
| Product range                                                                                                                                                                                       |  |  | Accessories                                                                                |
| Accessories                                                                                                                                                                                         |  |  | Shunt release                                                                              |
| Actuating voltage                                                                                                                                                                                   |  |  | 110 V 50 Hz                                                                                |
| For use with                                                                                                                                                                                        |  |  | Shunt release PKZ0(4), PKE                                                                 |
| Voltage type                                                                                                                                                                                        |  |  | Standard voltage                                                                           |
| Current actuation                                                                                                                                                                                   |  |  | AC                                                                                         |
| Contact sequence                                                                                                                                                                                    |  |  |         |
| Connection technique                                                                                                                                                                                |  |  | Screw terminals                                                                            |
| For use with                                                                                                                                                                                        |  |  | PKZM0<br>PKZM4<br>PKZM0-T<br>PKM0<br>PKZM01<br>PKE                                         |
|                                                                                                                                                                                                     |  |  | For PKE, only A-PKZ0 or U-PKZ0... with a serial number of 02 or higher can be retrofitted. |
| <b>Notes</b><br><br>Can be fitted to the left of:<br><br>Motor-protective circuit-breakers<br><br>Cannot be combined with:<br><br>U-PKZ0 undervoltage release<br><br>DC: Intermittent operation 5 s |  |  |                                                                                            |

## Approvals

Product Standards  
 UL File No.  
 UL CCN  
 CSA File No.  
 CSA Class No.  
 NA Certification  
 Specially designed for NA

UL 508; CSA-C22.2 No. 14; IEC60947-4-1; CE marking  
 E36332  
 NLRV  
 12528  
 3211-05  
 UL listed, CSA certified  
 No

## General

|                                          |  |                 |                                      |
|------------------------------------------|--|-----------------|--------------------------------------|
| Terminal capacities                      |  | mm <sup>2</sup> |                                      |
| Solid or flexible conductor with ferrule |  | mm <sup>2</sup> | 1 x (0.75 - 2.5)<br>2 x (0.75 - 2.5) |
| Solid or stranded                        |  | AWG             | 1 x (18 - 14)<br>2 x (18 - 14)       |

## Main conducting paths

|                         |       |         |          |
|-------------------------|-------|---------|----------|
| Rated operating voltage | $U_e$ | V<br>AC | 42 - 480 |
| Rated operating voltage | $U_e$ | V<br>DC | 24 - 250 |

### Operating range

|    |              |  |           |
|----|--------------|--|-----------|
| AC | $\times U_s$ |  | 0.7 - 1.1 |
| DC | $\times U_s$ |  | 0.7 - 1.1 |

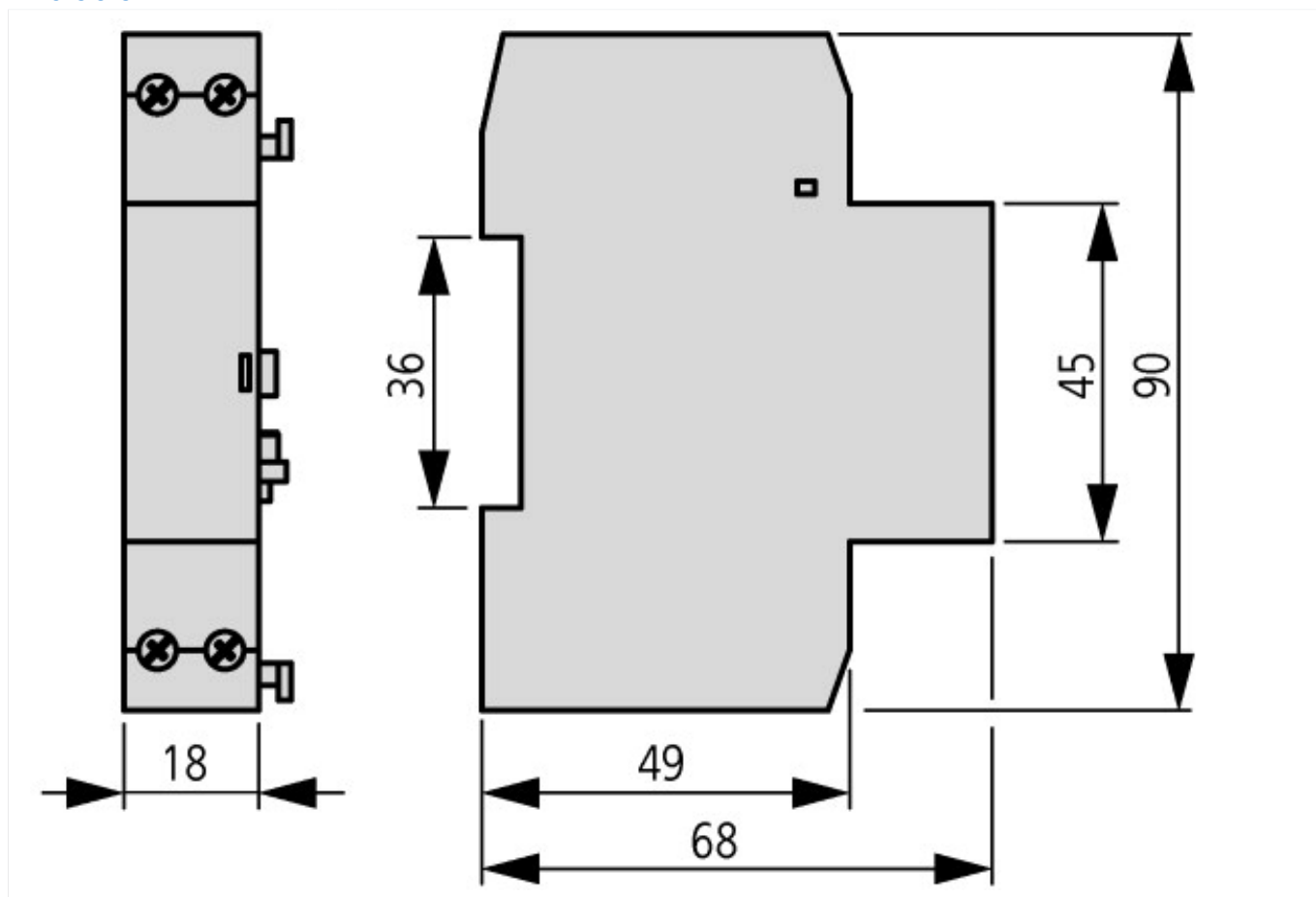
### Power consumption

|            |         |              |   |
|------------|---------|--------------|---|
| AC         |         |              |   |
| Pick-up AC | Pick-up | VA           | 5 |
| Sealing AC | Sealing | VA           | 3 |
| DC         |         | $\times U_s$ |   |
| Pull-in DC | Pick-up | W            | 3 |
| Sealing DC | Sealing | W            | 3 |

### Technical data ETIM 4.0

|                                                                  |  |   |                  |
|------------------------------------------------------------------|--|---|------------------|
| 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 | 0                |
| Rated control voltage $U_s$ at DC                                |  | V | 0                |
| Suitable for motor protective circuit breakers                   |  |   | YES              |
| Suitable for circuit breakers                                    |  |   | No               |
| Initial value of non-delayed short-circuit release setting range |  | A | 0                |
| Final value of non-delayed short-circuit release setting range   |  | A | 0                |
| 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)

|                                                                             |                                                                                                                                                                       |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>IL03402034Z (AWA1210-1945) Motor-protective circuit-breaker, Starter</b> |                                                                                                                                                                       |
| IL03402034Z (AWA1210-1945) Motor-protective circuit-breaker, Starter        | <a href="ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03402034Z2010_10.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03402034Z2010_10.pdf</a> |
| <b>IL03407011Z (AWA1210-1925) Motor-protective circuit-breaker</b>          |                                                                                                                                                                       |
| IL03407011Z (AWA1210-1925) Motor-protective circuit-breaker                 | <a href="ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03407011Z2010_08.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03407011Z2010_08.pdf</a> |
| Motor starters and "Special Purpose Ratings" for the North American market  | <a href="http://www.moeller.net/binary/ver_techpapers/ver953en.pdf">http://www.moeller.net/binary/ver_techpapers/ver953en.pdf</a>                                     |
| Busbar Component Adapters for modern Industrial control panels              | <a href="http://www.moeller.net/binary/ver_techpapers/ver960en.pdf">http://www.moeller.net/binary/ver_techpapers/ver960en.pdf</a>                                     |