



## Motor-prot.circuit breaker PKZM0-12



Powering Business Worldwide™

Part no. PKZM0-12

Article no. 278486

### Delivery programme

Product range			PKZM0 motor protective circuit-breakers up to 32 A
Basic function			Motor protection
Connection technique			Screw terminals
Max. motor rating			
AC-3			
220 V 230 V 240 V			
220 V 230 V	P	kW	3
380 V 400 V 415 V			
380 V 400 V	P	kW	5.5
440 V	P	kW	5.5
500 V	P	kW	5.5
660 V 690 V			
660 V 690 V	P	kW	11
Rated uninterrupted current	$I_u$	A	12
<b>Setting range</b>			
Overload releases	$I_r$	A	8 - 12
Short-circuit releases			
max.	$I_{rm}$	A	168

#### Notes

Phase failure sensitivity to IEC/EN 60947-4-1, VDE 0660 part 102.  
Can be snap-fit to IEC/EN 60715 top-hat rail with 7.5 or 15 mm height



PTB 10 ATEX 3013, see manual

### Approvals

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

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

E36332

NLRV

12528

3211-05

UL listed, CSA certified

No

Branch circuit: Manual type E if used with terminal, or suitable for group installations

### General

Ambient temperature		°C	
Storage	8	°C	-40 - +80

### Main conducting paths

Overvoltage category/pollution degree			III/3
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### Trip blocks

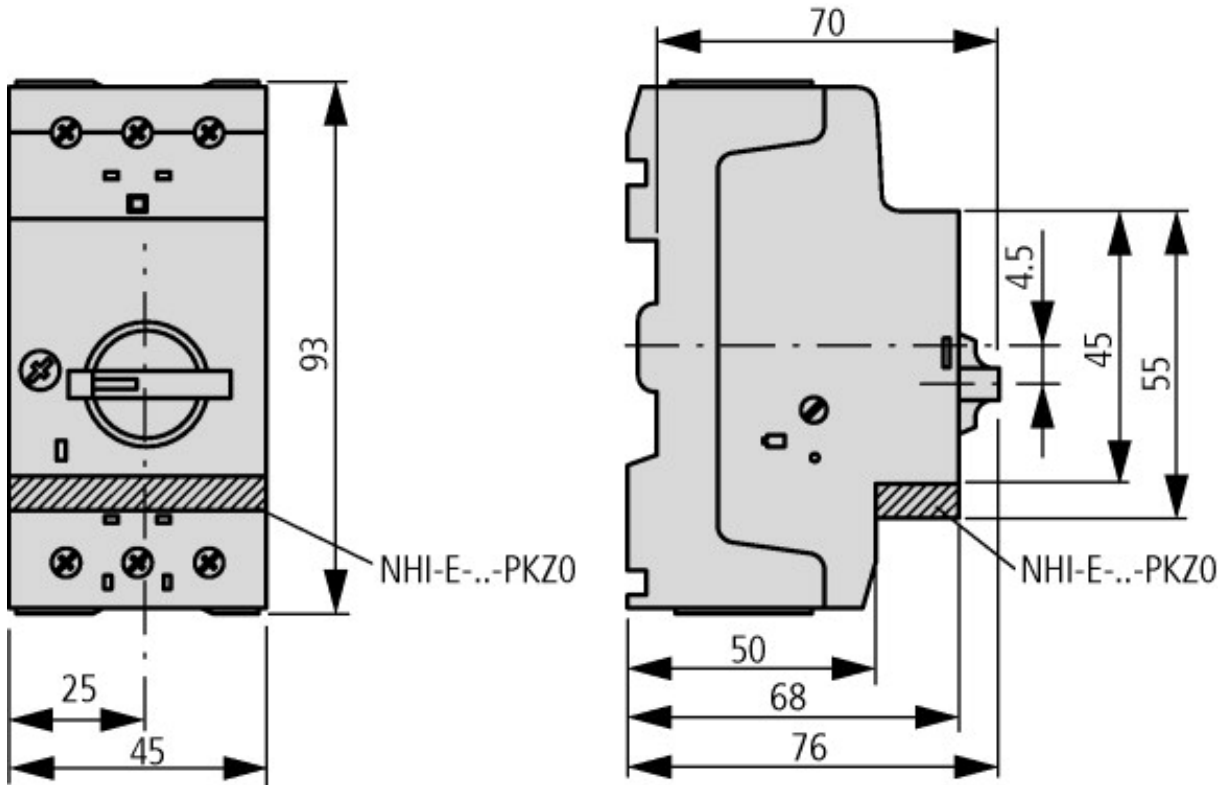
Setting range of overload releases		$\times I_u$	0.6 - 1
Short-circuit release fixed		$\times I_u$	14

### Technical data ETIM 4.0

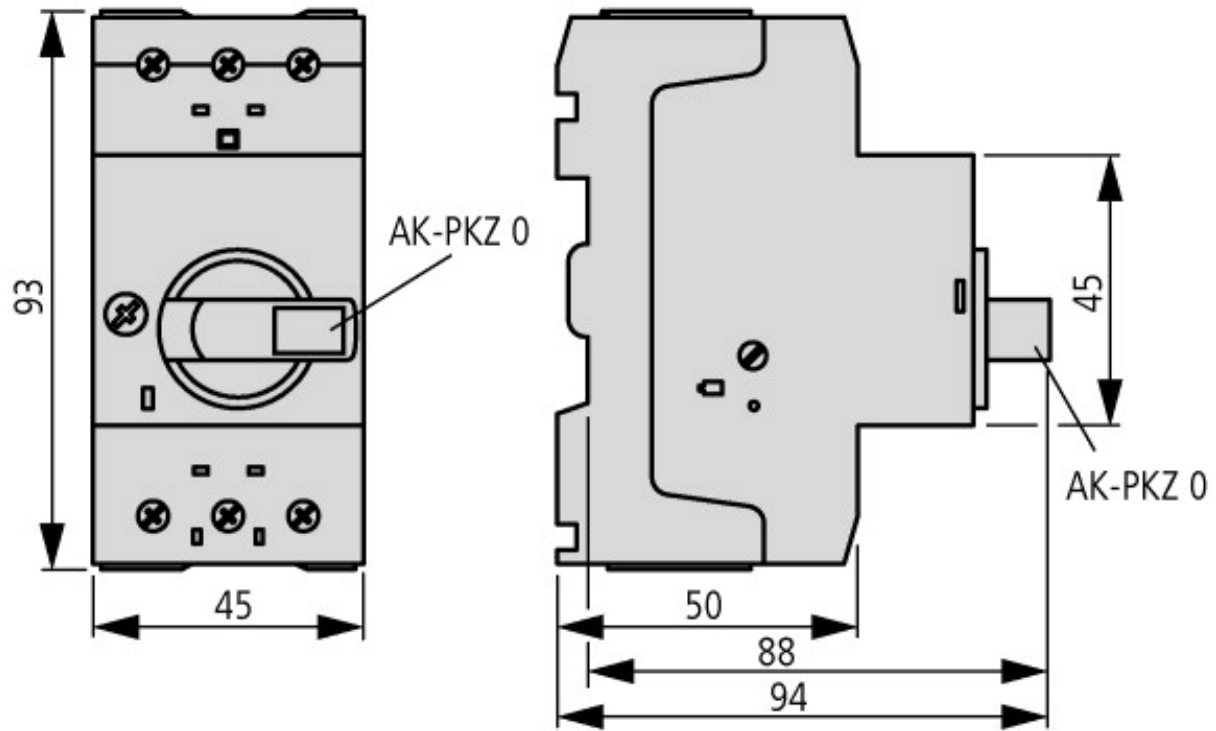
Rated operation power at AC-3, 400 V		kWh	5.5
With integrated auxiliary switch			No
Rated permanent current $I_u$		A	12
With integrated under voltage release			No

Number of poles		3
Degree of protection (IP)		IP20
Connection type main current circuit		Screw connection

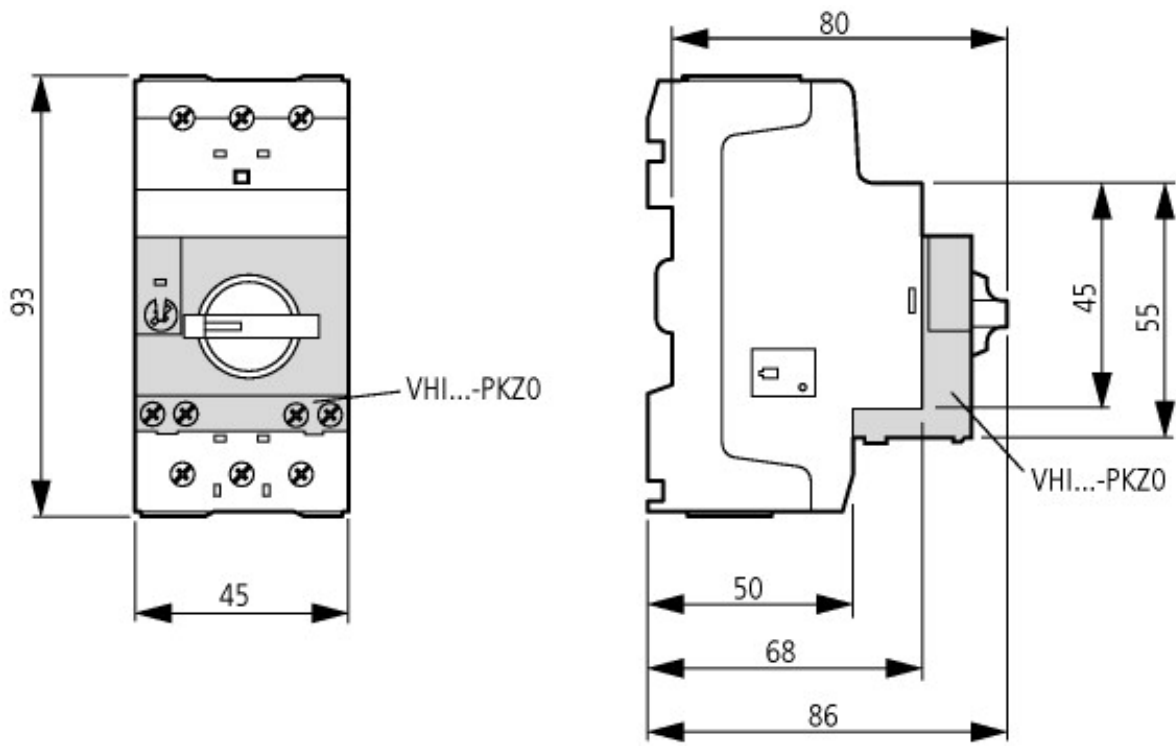
### Dimensions



Motor-protective circuit-breaker with standard auxiliary contact  
 PKZM0-...(+NHI-E-...-PKZ0)  
 PKZM0-...-T(+NHI-E-...-PKZ0)  
 PKM0-...(+NHI-E-...-PKZ0)



Motor-protective circuit-breakers with lockable rotary handles  
 PKZM0-...+AK-PKZ0



Motor-protective circuit-breakers with early-make auxiliary contacts  
PKZM0-...+VHI-...-PKZ0

### Additional product information (links)

#### IL03407010Z (AWA1210-2138) Motor-protective circuit-breaker

IL03407010Z (AWA1210-2138) Motor-protective circuit-breaker

[ftp://ftp.moeller.net/DOCUMENTATION/AWA\\_INSTRUCTIONS/IL03407010Z2010\\_08.pdf](ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03407010Z2010_08.pdf)

#### IL03407011Z (AWA1210-1925) Motor-protective circuit-breaker

IL03407011Z (AWA1210-1925) Motor-protective circuit-breaker

[ftp://ftp.moeller.net/DOCUMENTATION/AWA\\_INSTRUCTIONS/IL03407011Z2010\\_08.pdf](ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03407011Z2010_08.pdf)

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