



Motor-prot.circuit breaker PKZM0-32

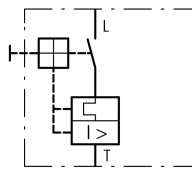



Powering Business Worldwide™

Part no. PKZM0-32

Article no. 278489

Program

Product range			PKZM0 motor protective circuit-breakers up to 32 A
Basic function			Motor protection
Connection technique			Screw terminals
Contact sequence			
220 - 240 V			
AC-3			
220 V 230 V 240 V	P	kW	7.5
380 V 400 V 415 V	P	kW	15
440 V	P	kW	15
500 V	P	kW	22
660 V 690 V	P	kW	30
Rated uninterrupted current	I_u	A	32
Setting range			
Overload releases	I_r	A	25 - 32
Short-circuit releases			
max.	I_{rm}	A	448
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			

Approbationen

UL approval	Yes
CSA approval	Yes
Product Standards	UL 508; CSA-C22.2 No. 14; IEC60947-4-1; CE marking
UL File No.	E36332
UL CCN	NLRV
CSA File No.	12528
CSA Class No.	3211-05
NA Certification	UL listed, CSA certified
Specially designed for NA	No
Suitable for	Branch circuit: Manual type E if used with terminal, or suitable for group installations

General

Standards			UL 508 (on request) CSA C 22.2 No. 14 (on request)
Main conducting paths			
Rated impulse withstand voltage	U_{imp}	V AC	6000
Overvoltage category/pollution degree			III/3
Short-circuit rating			
DC			
Short-circuit rating		kA	40

Trip blocks

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

Technical data according to ETIM 4.0

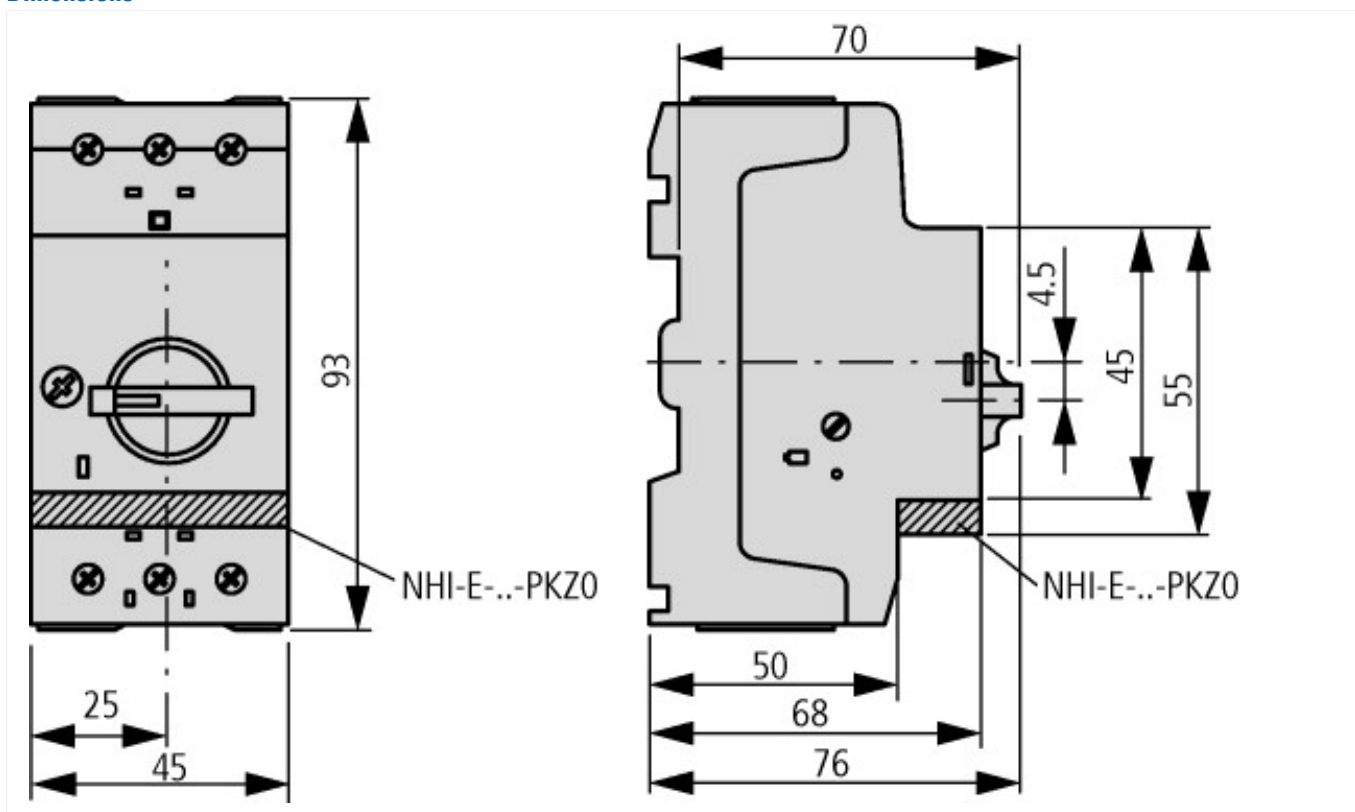
Rated operation power at AC-3, 400 V	kWh	15
With integrated auxiliary switch		No
Rated permanent current I_u	A	32
With integrated under voltage release		No
Number of poles		3
Degree of protection (IP)		IP20
Connection type main current circuit		Screw connection

CAD-Data

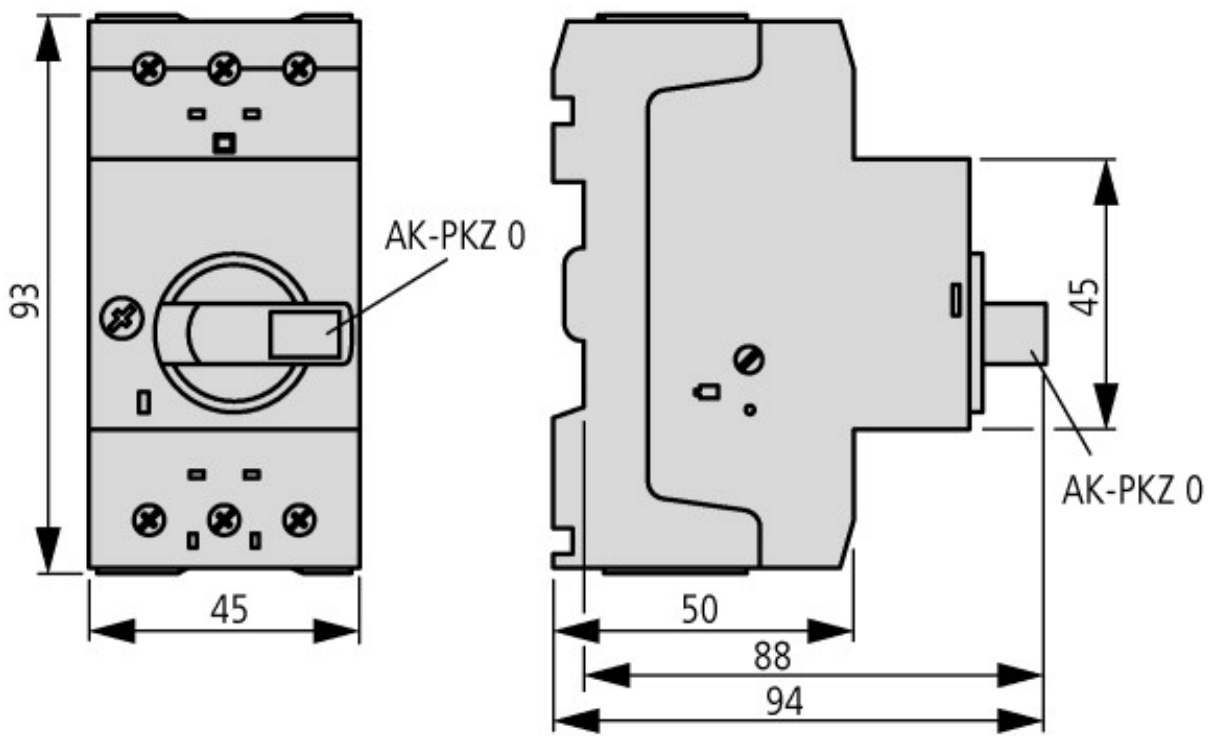
Product standards CAD data:

<http://eaton-moeller.partcommunity.com>

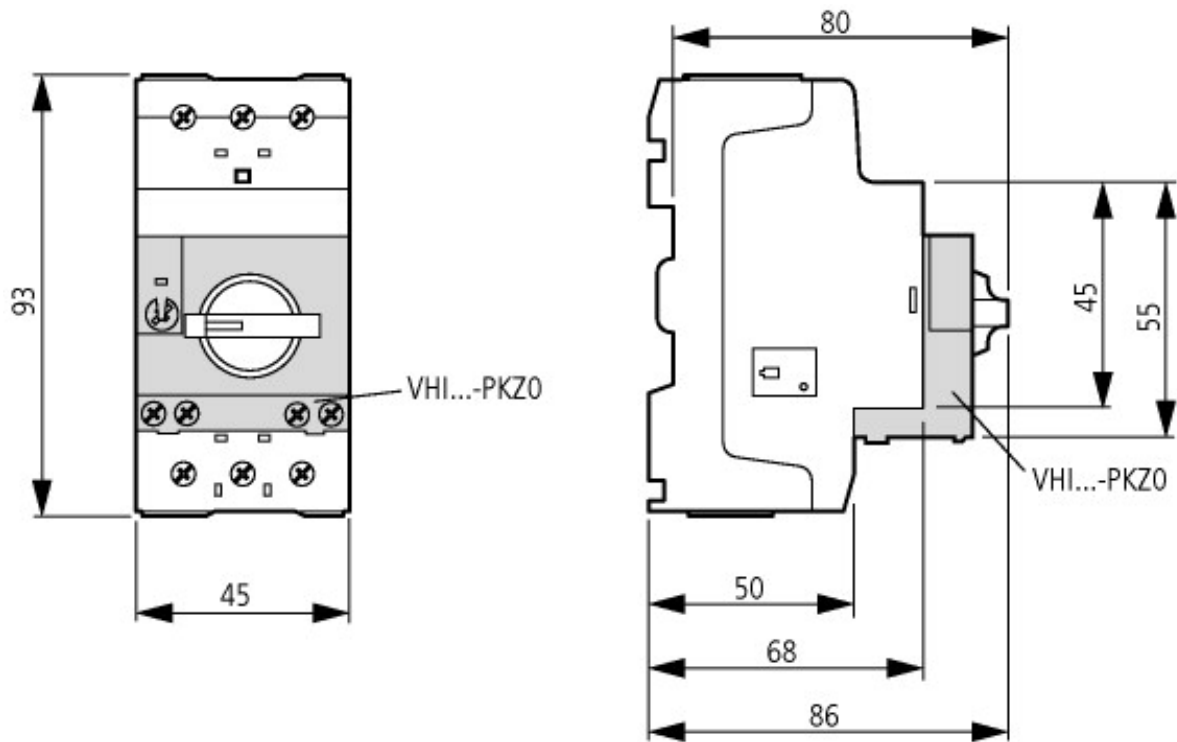
Dimensions



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 (IL03407010Z) Motor-protective circuit-breaker	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03407010Z2010_08.pdf
IL03407011Z (IL03407011Z) Motor-protective circuit-breaker	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03407011Z2010_08.pdf
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