

## Trip block Standard 1-4A

**Part no.**  
**Article no.**

**PKE-XTU-4**  
**121724**



Powering Business Worldwide™

### Delivery programme

Accessories				Trip blocks
Setting range of overload releases	$I_r$	A		1 - 4
Expansions				without communication capability
Function				With overload release
Rated uninterrupted current	$I_u$	A		4
Motor rating				
AC-3				
220 V 230 V	P	kW		0.75
380 V 400 V	P	kW		1.5
440 V	P	kW		1.5
500 V	P	kW		2.2
660 V 690 V	P	kW		3
For use with				PKE12 basic device
Motor output/rated motor current				
<b>Motor power</b>	<b>AC-3 rated motor current</b>			
	220, 230 240 V	380, 400, 415 V	440 V	500 V
	1.04			660, 690 V
0.18	1.4			
0.25	2			
0.37	2.7	1.1	1.02	
0.55	3.2	1.5	1.39	1.2
0.75		1.9	1.68	1.5
1.1		2.6	2.41	2.1
1.5		3.6	3.28	2.9
2.2				4
3				

### 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. 14-10; IEC60947-4-1; CE marking  
E36332  
NLRV  
12528  
3211-05  
UL listed, CSA certified  
No

### General

Standards			IEC/EN 60947, VDE 0660, UL 508, CSA C 22.2 No. 14
Climatic proofing			Damp heat, constant to IEC 60068-2-78 Damp heat, cyclic to IEC 60068-2-30
Ambient temperature		°C	
Storage		°C	-40 - +80
Open		°C	-20 - +55
Enclosed		°C	-20 - +40
Direction of incoming supply			as required
Degree of protection			
Device			IP20

### Main conducting paths

Rated impulse withstand voltage	$U_{imp}$	V AC	6000
Overvoltage category/pollution degree			III/3
Rated operational voltage	$U_e$	V AC	690
Rated uninterrupted current = rated operational current	$I_u = I_e$	A	4
Rated frequency	f	Hz	40 - 60
Motor switching capacity		$kA_{rms}$	
AC-3 (up to 690 V)		A	4

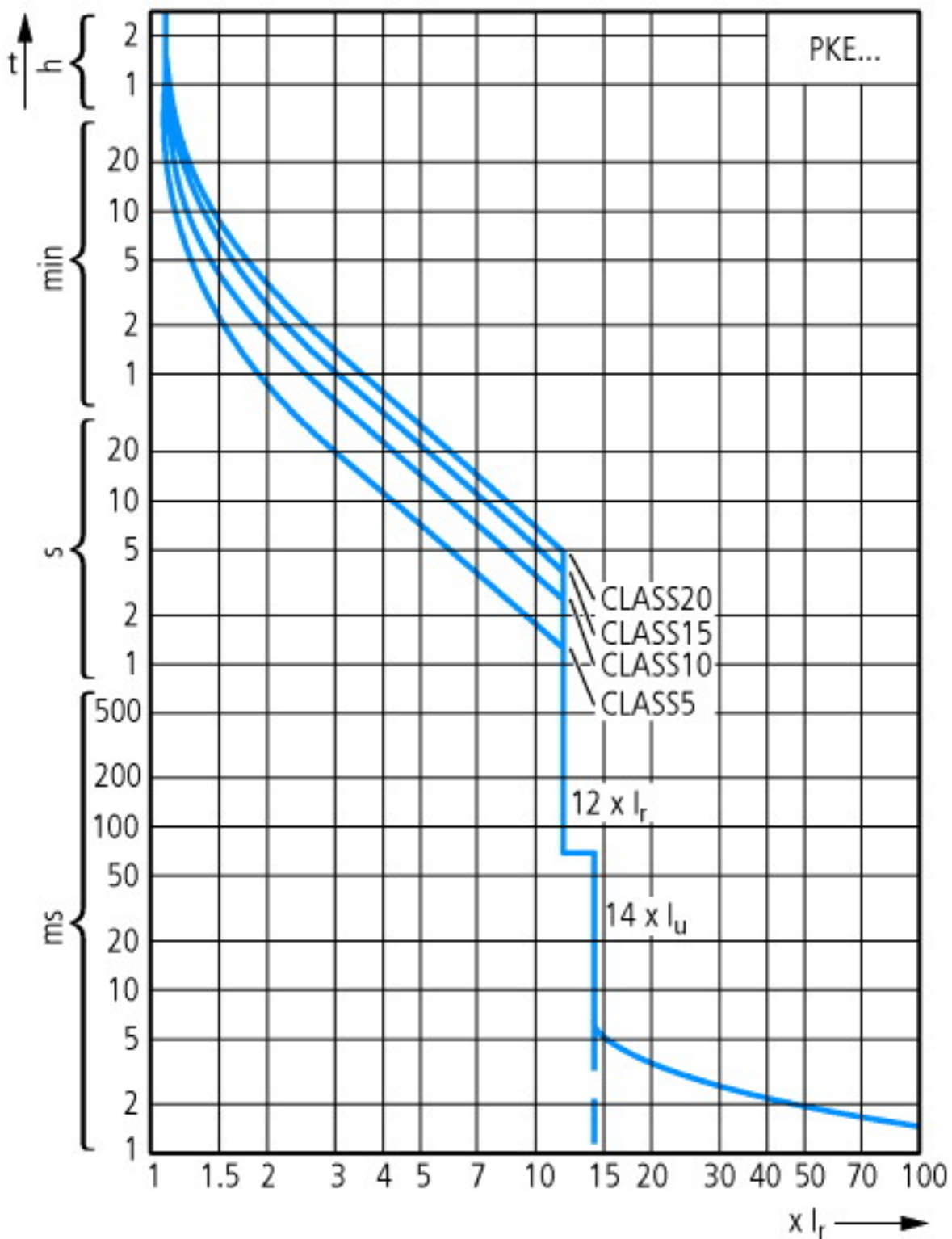
## Trip blocks

Setting range of overload releases			0.25 - 1 x I <sub>U</sub>
Fixed short-circuit release			Trip block 12 x I <sub>r</sub>
Short-circuit release tolerance			± 20%
Phase-failure sensitivity			yes

## Technical data ETIM 4.0

Final value of non-delayed short-circuit release setting range		A	48
Initial value of non-delayed short-circuit release setting range		A	1
Setting range of overload releases		A	4
Short-circuit release function			Delayed
Number of poles			3
Rated uninterrupted current I <sub>u</sub>		A	4

## Characteristics



Tripping characteristic curves, wide-range circuit breaker PKE

### Additional product information (links)

#### IL03402019Z (AWA1210-2490) PKE motor-protective circuit-breaker with wide-range overload protection

IL03402019Z (AWA1210-2490) PKE motor-protective circuit-breaker with wide-range overload protection

[ftp://ftp.moeller.net/DOCUMENTATION/AWA\\_INSTRUCTIONS/IL03402019Z2011\\_09.pdf](ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03402019Z2011_09.pdf)

#### IL03402023Z (AWA1210-2705) Trip block for solid-state motor-protective circuit-breaker

IL03402023Z (AWA1210-2705) Trip block for solid-state motor-protective circuit-breaker

[ftp://ftp.moeller.net/DOCUMENTATION/AWA\\_INSTRUCTIONS/IL03402023Z2011\\_08.pdf](ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03402023Z2011_08.pdf)

#### MN03402004Z-DE/EN Motor-protective circuit-breaker PKE12 and PKE32; Overload monitoring of Ex e motors

MN03402004Z-DE/EN Motor-protective circuit-breaker PKE12 and PKE32; Overload monitoring of Ex e motors - Deutsch / English

[ftp://ftp.moeller.net/DOCUMENTATION/AWB\\_MANUALS/MN03402004Z\\_DE\\_EN.pdf](ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN03402004Z_DE_EN.pdf)

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