

Trip block Advanced 0.3-1.2A

Part no.
Article no.

PKE-XTUA-1,2
121727

Delivery programme

Accessories			Trip blocks
Setting range of overload releases	I_r	A	0.3 - 1.2
Expansions			With communication capability
Function			With overload release
Rated uninterrupted current	I_u	A	1.2
Motor rating			
AC-3			
220 V 230 V	P	kW	0.18
380 V 400 V	P	kW	0.37
440 V	P	kW	0.37
500 V	P	kW	0.37
660 V 690 V	P	kW	0.75
For use with			PKE12 basic device
Motor power	AC-3 rated motor current		
	220, 230 V	380, 400, 415 V	440 V
	240 V		500 V
	I [A]	I [A]	I [A]
P [kW]			
0.06	0.37		
0.09	0.54		
0.12	0.72		
0.18	1.04		
0.25		0.31	
0.37		0.41	
0.55		0.6	0.37
0.75		0.8	0.54
		1.1	0.76
			0.9
			0.35
			0.5
			0.7
			0.9
			1.1

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	1.2
Rated frequency	f	Hz	40 - 60
Motor switching capacity		kA _{rms}	
AC-3 (up to 690 V)		A	1

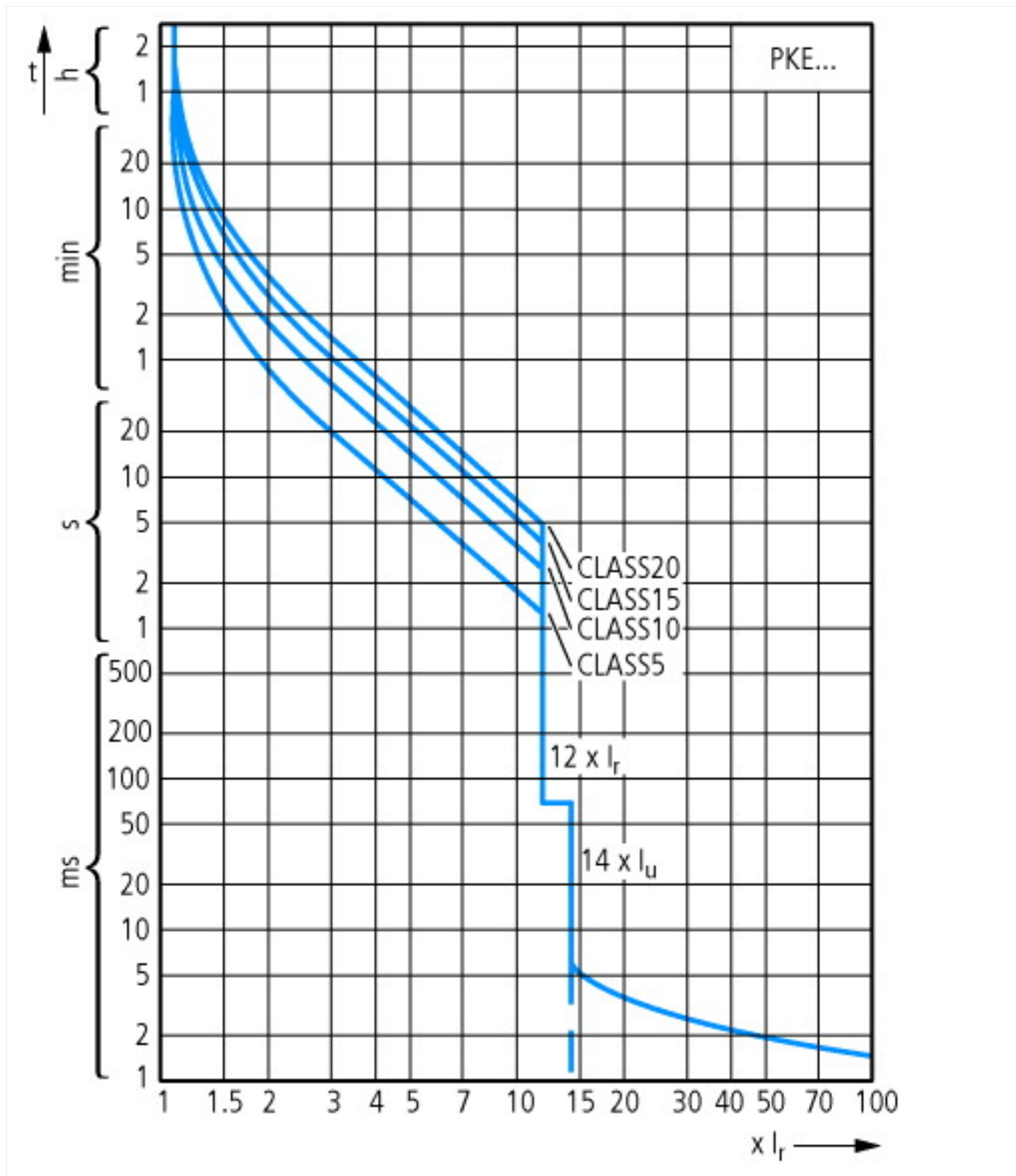
Trip blocks

Setting range of overload releases			$0.25 - 1 \times I_U$
Fixed short-circuit release			Trip block $12 \times I_r$
Short-circuit release tolerance			$\pm 20\%$
Phase-failure sensitivity			yes

Technical data ETIM 4.0

Final value of non-delayed short-circuit release setting range		A	14.4
Initial value of non-delayed short-circuit release setting range		A	0.3
Setting range of overload releases		A	1.2
Short-circuit release function			Delayed
Number of poles			3
Rated uninterrupted current I_U		A	1.2

Characteristics



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
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
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
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