



Trip block Standard 8-32A

Part no.
Article no.

PKE-XTU-32
121726



Powering Business Worldwide™

Delivery programme

Accessories				Trip blocks	
Setting range of overload releases	I_r	A		8 - 32	
Expansions				without communication capability	
Function				With overload release	
Rated uninterrupted current	I_u	A		32	
Motor rating					
AC-3					
220 V 230 V	P	kW		7.5	
380 V 400 V	P	kW		15	
440 V	P	kW		15	
500 V	P	kW		22	
660 V 690 V	P	kW		30	
For use with				PKE32 basic device	
Motor output/rated motor current					
Motor power	AC-3 rated motor current				
	220, 230 V	380, 400, 415 V	440 V	500 V	660, 690 V
P [kW]	I [A]	I [A]	I [A]	I [A]	I [A]
2.2	8.7				
3	11.5				
4	14.8	8.5			
5.5	19.6	11.3	10.2	9	
7.5	26.4	15.2	13.8	12.1	8.8
11		21.7	19.8	17.4	12.6
15		29.3	26.6	23.4	17
18.5				28.9	20.9
22					23.8
30					32

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

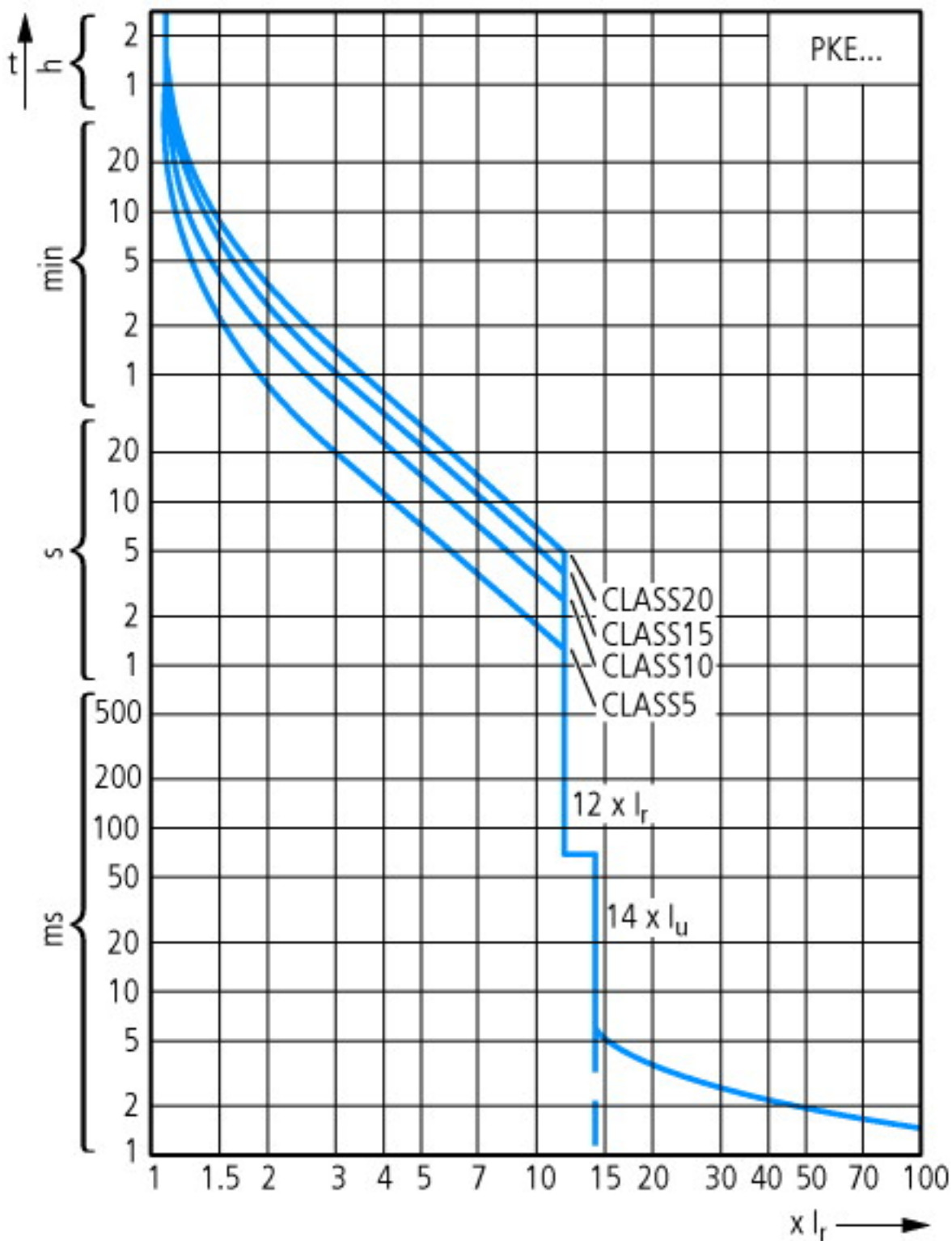
Rated impulse withstand voltage	U_{imp}	V AC	6000
Overvoltage category/pollution degree			III/3
Rated operational voltage	U_e	V AC	690
Rated uninterrupted current = rated operational current	$I_u = I_e$	A	32
Rated frequency	f	Hz	40 - 60
Motor switching capacity		kA_{rms}	

AC-3 (up to 690 V)	A	32
Trip blocks		
Setting range of overload releases		0.25 - 1 x I _u
Fixed short-circuit release		Trip block 12 x I _r
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	384
Initial value of non-delayed short-circuit release setting range	A	8
Setting range of overload releases	A	32
Short-circuit release function		Delayed
Number of poles		3
Rated uninterrupted current I _u	A	32

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

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

