

Trip block Standard 8-32A

Part no.

PKE-XTU-32

Article no.

121726



Powering Business Worldwide™

Program

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			
220/230 V	P	kW	7.5
400 V	P	kW	15
440 V	P	kW	15
500 V	P	kW	22
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
	240 V		500 V
P [kW]	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
7.5	26.4	15.2	13.8
11		21.7	19.8
15		29.3	26.6
18.5			9
22			12.1
30			17.4
			23.4
			28.9
			8.8
			12.6
			17
			20.9
			23.8
			32

Approbationen

UL approval	Yes
CSA approval	Yes
Product Standards	UL 508; CSA-C22.2 No. 14; IEC60947-4-1; CE marking
NA Certification	Request filed for UL and CSA
Specially designed for NA	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	-20 - +80
Open		°C	-20 - +55
Enclosed		°C	-20 - +40
Direction of incoming supply			as required
Degree of protection			
Device			IP20

Main conducting paths

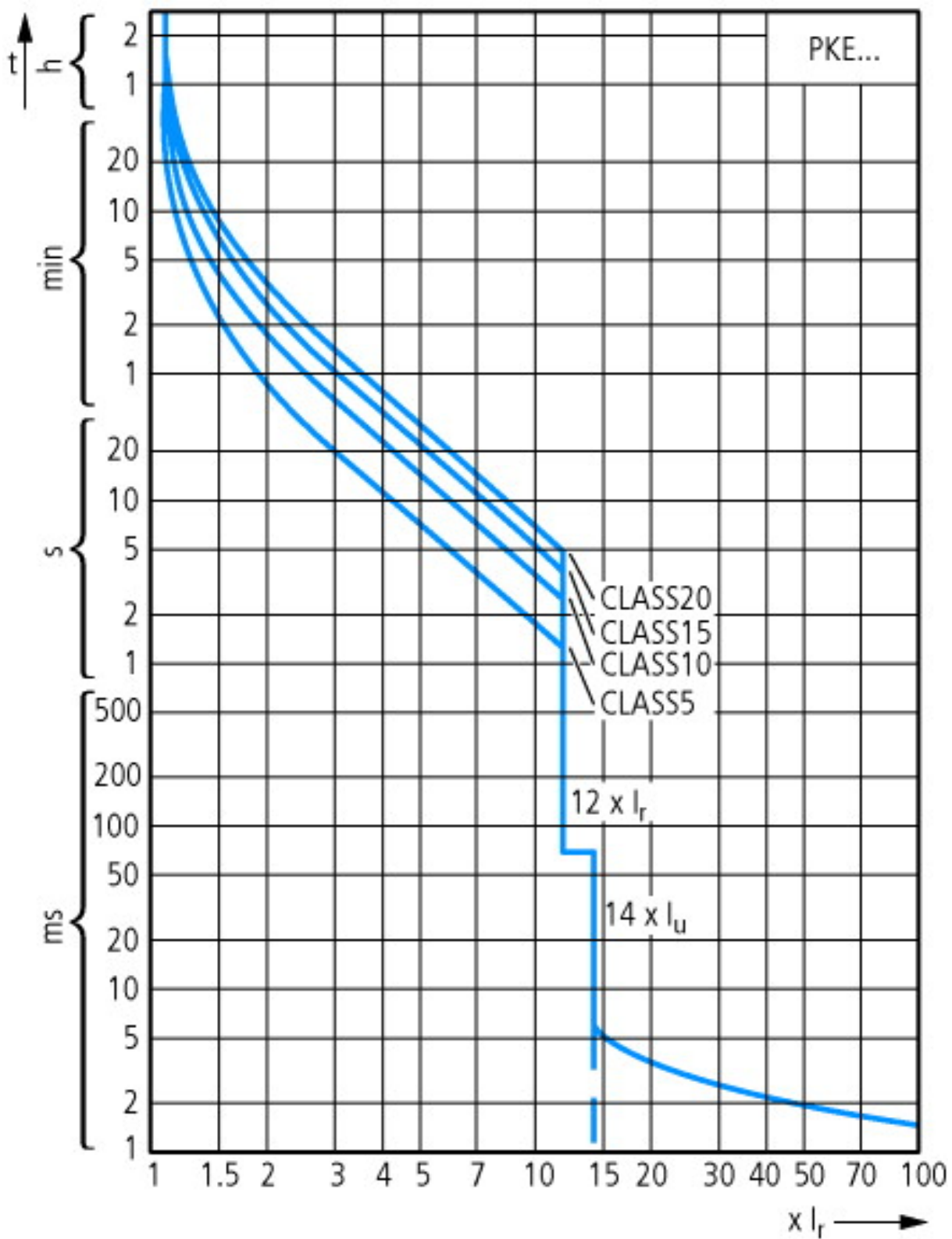
Rated impulse withstand voltage	U_{imp}	V AC	6000
Overvoltage category/pollution degree			III/3
Rated operational voltage	U_e	V AC	690
Rated uninterrupted current = rated operational current	$I_u = I_e$	A	32
Rated frequency	f	Hz	40 - 60
Current heat loss (3 pole at operating temperature)		W	6
Motor switching capacity		kA _{rms}	

AC-3 (up to 690 V)		A	32
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 according to 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

CAD-Data

Product standards CAD data:

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

Additional product information (links)

AWA1210-2490 PKE motor protective circuit breakers with electronic wide-range overload protection

ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/24901109.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