



Trip-Block ZM-PKZ2

Part no.
Article no.

ZM-1,6-PKZ2
031352



Powering Business Worldwide™

Delivery programme

Product range			Accessories: PKZ2 System - PRODUCT DISCONTINUATION IN 2012
Accessories			Trip blocks
			with overload release
Max. motor rating			
AC-3			
220 V 230 V 240 V			
220 V 230 V	P	kW	0.25
380 V 400 V 415 V			
380 V 400 V	P	kW	0.55
440 V	P	kW	0.55
500 V	P	kW	0.75
660 V 690 V			
660 V 690 V	P	kW	1.1
Rated uninterrupted current	I_u	A	1.6
Setting range			
Overload releases	I_r	A	1 - 1.6
Short-circuit releases	I_{rm}	A	14 - 22
Notes Single-phasing sensitivity to IEC/EN 60947-4-1 Suitable for the protection of EEx e motors PTB Certificate No.: 3.53-388.299 Extension to ATEX applied for Overload releases, adjustable $I_r = 0.6 - 1.0 \times I_u$ Adjustable short-circuit release $I_{rm} = 8.5 - 14 \times I_u$ Factory set to $12 \times I_u$			
Notes Service factor (SF) Set value I_r on the current scale, depending on the load factor Calculate motor power in this range according to the rated operational current. Stated values to NEC Table 430 - 150. Approved rating data Devices for world markets IEC  UL/CSA			
Notes When using the M-...-PKZ2 for short-circuit protection of motors with heavy-duty starting, the rated operating current e must be overdimensioned by the following factors in the course of the project engineering:			
CLASS	Factor		
5	1.0		
10	1.0		
15	1.22		
20	1.41		
25	1.58		
30	1.73		
35	1.89		
40	2.0		

Approvals

Product Standards
UL File No.
UL CCN
CSA File No.
CSA Class No.

UL 508; CSA-C22.2 No. 14; IEC60947-4-1; CE marking
E36332
NLRV
12528
3211-05

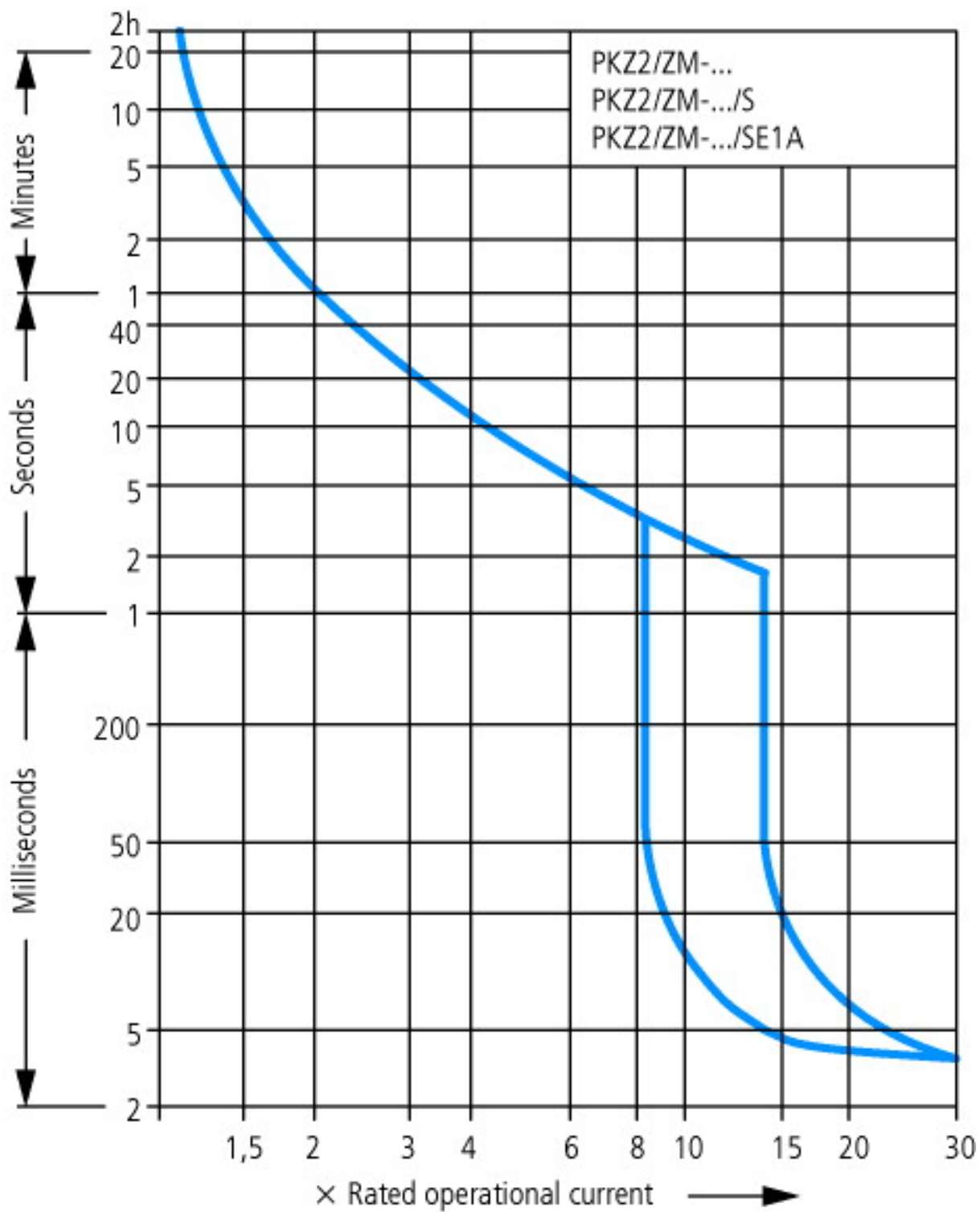
ZM-...PKZ2, ZMR-...PKZ2 trip blocks for motor protection

Setting range of overload releases		$\times I_U$	0.6 - 1
Short-circuit releases		$\times I_U$	8.5 - 14
Phase-failure sensitivity			IEC/EN 60947-1-1, VDE 0660 Part 102

Technical data ETIM 4.0

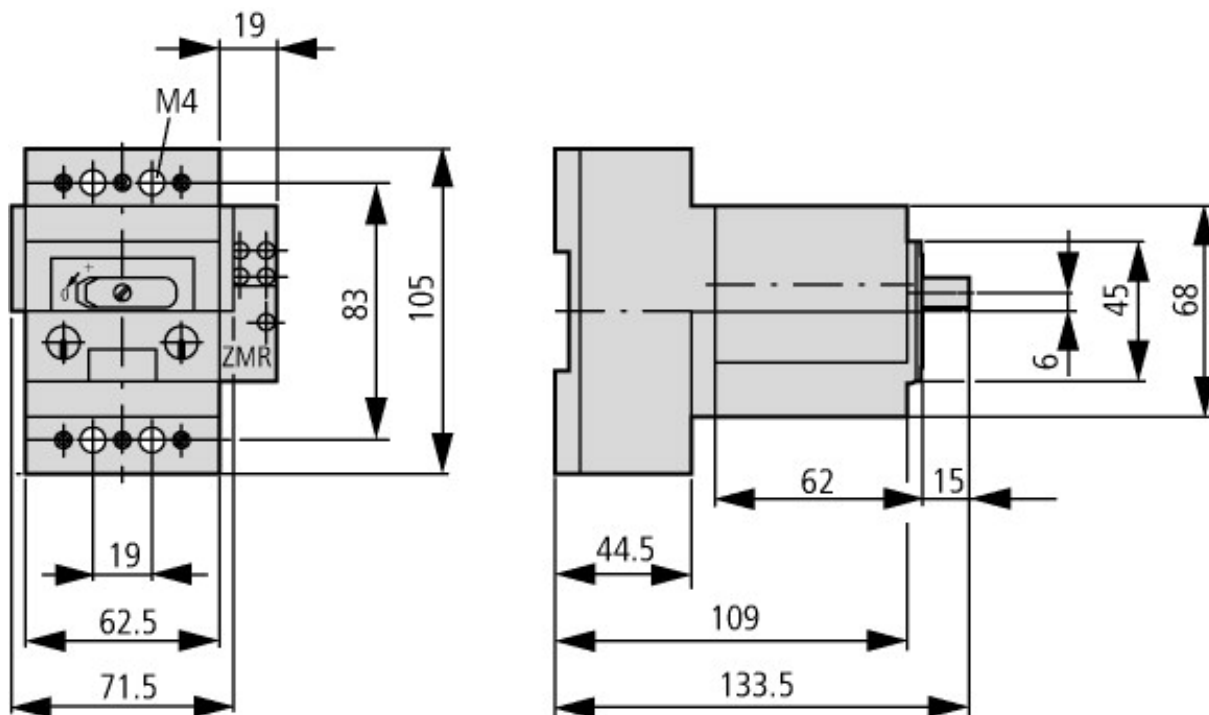
Final value of non-delayed short-circuit release setting range		A	22
Initial value of non-delayed short-circuit release setting range		A	14
Setting range of overload releases		A	1.6
Short-circuit release function			Non-delayed
Number of poles			3
Rated uninterrupted current I_u		A	1.6

Characteristics



Motor-protective circuit-breaker (high-capacity) compact starter tripping characteristic

Dimensions



PKZ2/(Z)M-...

Additional product information (links)

AWA1280-0876 Motor-protective circuit-breaker

AWA1280-0876 Motor-protective circuit-breaker

AWB1210-1485 PKZ2 motor-protective circuit-breakers, overload monitoring of EEx e motors

AWB1210-1485 PKZ2 motor-protective circuit-breakers, overload monitoring of EEx e motors

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