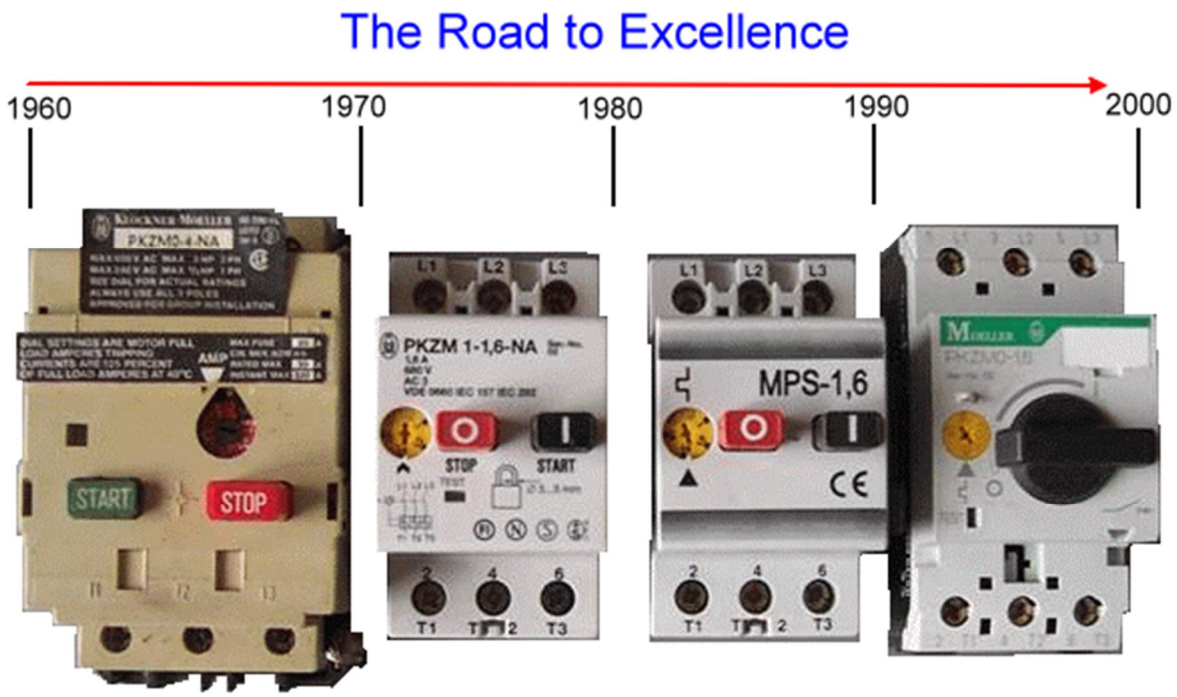
Moeller PKZM1
Thermal Magnetic Circuit Breaker
Overview

Click here to visit the New PKZM0 Page!



The older style PKZM0-xx-NA was replaced by the PKZM1 series. The PKZM1 series was temporarily replaced with the MPS series. The older styles (PKZMO-xx-NA, PKZM1-xx, MPS-xx) are now retired and replaced with the upgraded PKZM0 series. The PKZM1 & MPS are identical in form, fit, function and rating's, however the modern updated series PKZM0 is quite different and upgraded.

When upgrading to the new PKZM0 series the following considerations apply

1 All are din rail mount.

2 The new PKZM0 series has a rotary operator knob instead of the older style stop and start button.

3 If the buss bar connections were used for line connections, the old buss bars will not fit the new series. If this is the case all PKZ's in the row must be upgraded to the new PKZM0 series and a new buss bar used, or remotely mount the new PKZM0 and use wire for the power feed.

PKZM1 MANUAL MOTOR PROTECTORS

The PKZM 1 is a 3 phase thermal magnetic motor protective device incorporating bimetal trips for motor overload protection and magnetic trips to de-energize the motor circuit in case of a short circuit. It is UL Listed and CSA certified as a HIP rated manual motor controller which provides motor running overload protection. In addition, the PKZM 1 is UL listed and CSA certified for group applications as per NEC 450-53(c) and CEC part 1, Rule 28-206. This means that a group of motors, each protected and controlled by a PKZM 1, can be combined under a single branch circuit short circuit and ground fault protective device the maximum rating of which is marked on each PKZM 1 manual motor protector. (See chart below for UL/CSA short circuit withstand and back-up overcurrent protection ratings.

Click here for PKZM 1 Replacement Parts

PKZM0 Old Style	PKZM1 Style	MPS Type	Setting Range of Adjustable Thermal Trips	Response Current of Magnetic Trips	Max HP 3 Phase at: 230 V	Max HP 3 Phase at: 460 V
PKZM0-0.16-NA	PKZM 1-0.16	MPS-0.16	0.1 - 0.16	1.9	In this range select in accordance with motor nameplates full load current.	
PKZM0-0.24-NA	PKZM 1-0.24	MPS-0.24	0.16 - 0.24	2.9		
PKZM0-0.4-NA	PKZM 1-0.4	MPS-0.4	0.24 - 0.4	4.8		
	PKZM1-0.6	MPS-0.6	0.4 - 0.6	7.2		
PKZM0-1-NA	PKZM1-1	MPS-1	0.6 - 1.0	12		1/2
PKZM0-1.60-NA	PKZM1-1.6	MPS-1.6	1 - 1.6	19		3/4
PKZM0-2.40-NA	PKZM1-2.4	MPS-2.4	1.6 - 2.4	29	1/2	1
PKZM0-4-NA	PKZM1-4	MPS-4	2.4 - 4	48	1	2
PKZM0-6-NA	PKZM1-6	MPS-6	4 - 6	72	1 1/2	3
PKZM0-10-NA	PKZM1-10	MPS-10	6 - 10	120	3	5
PKZM0-12-NA PKZM0-14-NA	PKZM1-16	MPS-16	10 - 16	192	5	10
	PKZM1-20	MPS-20	16 - 20	240	5	15
	PKZM1-25	MPS-25	20 - 25	300	7 1/2	15