

SJ, SC-M SERIES TO SK SERIES CROSS CHART

April, 2013

MAGNETIC CONTACTORS

Discontinued Model	Dimensions, mm (WxHxD)	Mounting Hole Dimensions, mm (WxH)	Auxiliary Contact Arrangement	SK Series Replacement	Dimensions, mm (WxHxD)	Mounting Dimensions, mm (WxH)	Auxiliary Contact Arrangement
SC-M01-#-@@	45 x 48 x 56	35 x 40	1NO, 1NC	SK06A- # @@	45 x 48 x 49	35 x 40	1NO, 1NC
SC-M01/G-#-@@	45 x 48 x 68			SK06G- # @@			
SC-M01/G1-DC24V-@@				SK06L-E @@			
SC-M01/G2-DC24V-@@	45 x 48 x 56			SK06L-E @@			
SC-M02-#-@@				SK09A- # @@			
SC-M02/G-#-@@				SK09G- # @@			
SC-M02/G1-DC24V-@@				SK09L-E @@			
SC-M02/G2-DC24V-@@	45 x 48 x 68			SK09L-E @@			
SC-M01RM-#-@@	90 x 48 x 56	80 x 40	1NO, 1NC	SK06AR- # @@ W	90.5 x 48 x 56	80.5 x 40	1NO, 1NC
SC-M01RM/G-#-@@	90 x 48 x 68			SK06GR- # @@ W			
SC-M01RM/G1-DC24V-@@				SK06LR-E @@ W			
SC-M01RM/G2-DC24V-@@	90 x 48 x 56			SK06LR-E @@ W			
SC-M02RM-#-@@				SK09AR- # @@ W			
SC-M02RM/G-#-@@				SK09GR- # @@ W			
SC-M02RM/G1-DC24V-@@				SK09LR-E @@ W			
SC-M02RM/G2-DC24V-@@	90 x 48 x 68			SK09LR-E @@ W			
SJ-0G # @@	45 x 41.5 x 47	40.5 x 32.5	1NO, 1NC	SK12L- # @@	45 x 48 x 49	35 x 40	1NO, 1NC
SJ-06G # @@	45 x 41.5 x 64.5		3NO, 2NO+1NC, 1NO+2NC	SK12L- # @@ ⁽¹⁾			
SJ-06G/L # @@			SK12LR- # @@ W ⁽¹⁾ + SZ1KL*	-			
SJ-0GRM # @@	99 x 72.6 x 61.5	86 x 54	1NO, 1NC	SK12LR- # @@ W	90.5 x 48 x 56	80.5 x 40	1NO, 1NC
SJ-06GRM # @@	99 x 72.6 x 64.5		3NO, 2NO+1NC, 1NO+2NC	SK12LR- # @@ W ⁽¹⁾			
SJ-06GRM/L # @@			SK12LR- # @@ W ⁽¹⁾ + SZ1KL*	-			

= Operating Coil Voltage

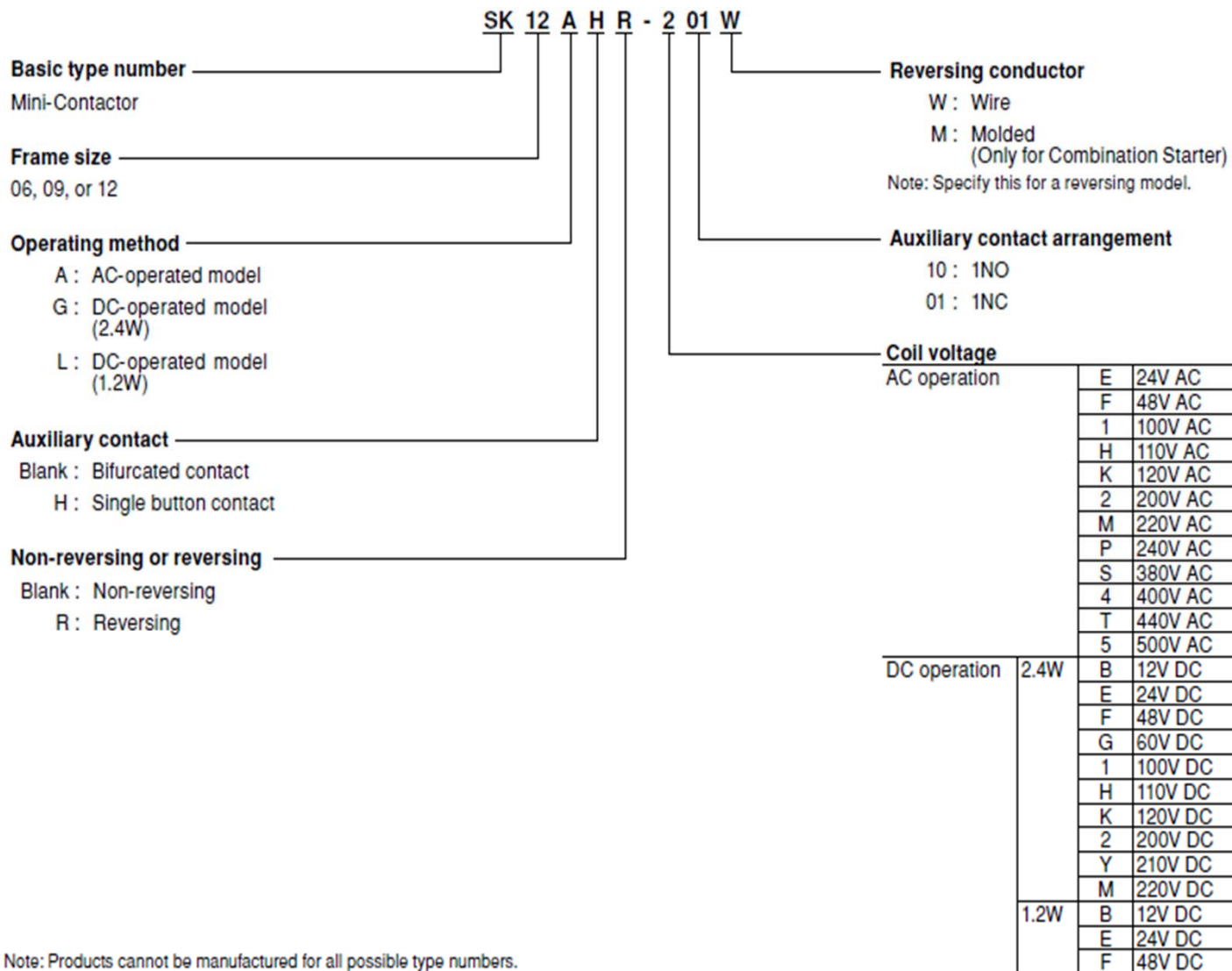
@@ = Aux. Contact Arrangement

- = No Replacement

⁽¹⁾ = Aux. contact block needed

MAGNETIC CONTACTOR PART NUMBER NOMENCLATURE

- Type Number Nomenclature (Type Number = Product Code)
 - Magnetic Contactors



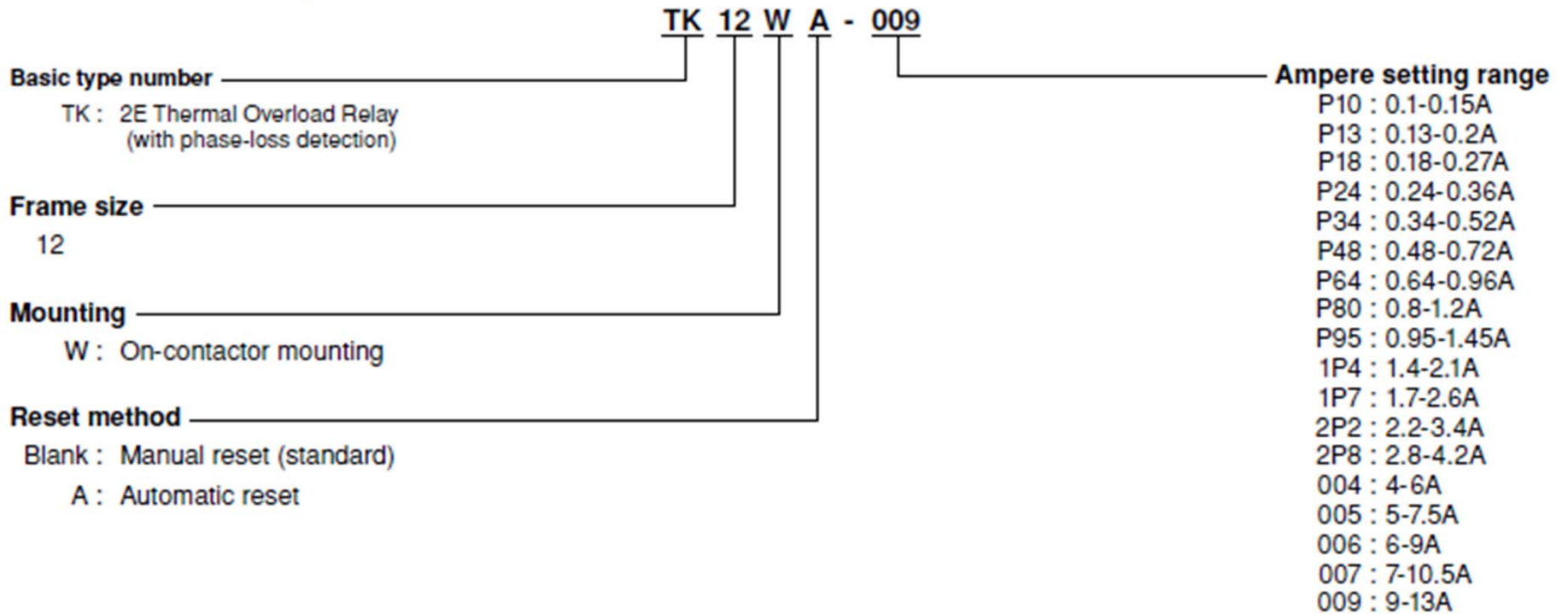
Note: Products cannot be manufactured for all possible type numbers.

THERMAL OVERLOAD RELAYS

Discontinued Model	Dimensions, mm (WxHxD)	SK Series Replacement	Dimensions, mm (WxHxD)	Remarks
TK-M0 * @@	45 x 68.5 x 53	TK12W- *	45 x 61.5 x 50	REPLACE THE WHOLE UNIT
TK-M0Q * @@				
TR-0NZ716 *				
TR-0N/3Z716 *				
TK-0NZ716 *				

* = Ampere Range Code

• Thermal Overload Relays



MOTOR STARTERS

Discontinued Model		Dimensions, mm (WxHxD)	Mounting Hole Dimensions, mm (WxH)	SK Series Replacement	Dimensions, mm (WxHxD)	Mounting Hole Dimensions, mm (WxH)	
ASSEMBLED P/N	INDIVIDUAL P/N			INDIVIDUAL P/N			
SJ-0WG/X # @@ *	SJ-0G + TR-0N	50 x 93.5 x 70.3	34 x 52	-	-	-	
SJ-0WG/X3H # @@ *	SJ-0G + TR-0N/3						
SJ-06WG/X # @@ *	SJ-06G + TR-0N	50 x 93.5 x 78.3					(TR-0N has SPDT aux. contact)
SJ-06WG/X3H # @@ *	SJ-06G + TR-0N/3						
SJ-06WG/L # @@ *	SJ-06G + TR-0N/3						
SJ-0WG/N # @@ *	SJ-0G + TR-0N Z716	49.5 x 102.5 x 81	34 x 52	SK12L- # @@ + TK12W- *	45 x 97.5 x 55	35 x 40	
SJ-0WG/N3H # @@ *	SJ-0G + TR-0N/3 Z716						
SJ-0WG/2E # @@ *	SJ-0G + TR-0N Z716	49.5 x 102.5 x 88.5					SK12L- # @@ ⁽¹⁾ + TK12W- *
SJ-06WG/N # @@ *	SJ-06G + TR-0N Z716						
SJ-06WG/N3H # @@ *	SJ-06G + TR-0N/3 Z716						
SJ-06WG/2E # @@ *	SJ-06G + TR-0N Z716						
SJ-06WG/NL # @@ *	SJ-06G + TR-0N Z716						
SJ-0WGRM # @@ *	SJ-0G + TR-0N	99 x 90.5 x 70.5	86 x 54	-	-	-	
SJ-06WGRM # @@ *	SJ-06G + TR-0N	99 x 90.5 x 80.8					
SJ-06WGRM/L # @@ *	SJ-06G + TR-0N						
SJ-0WGRM/N # @@ *	SJ-0G + TR-0N Z716	99 x 90.5 x 81	86 x 54	SK12LR- # @@W + TK12W- *	90.5 x 97.5 x 56	80.5 x 40	
SJ-06WGRM/N # @@ *	SJ-06G + TR-0N Z716	99 x 90.5 x 89.8					SK12LR- # @@W ⁽¹⁾ + TK12W- *
SJ-06WGRM/NL # @@ *	SJ-06G + TR-0N Z716						

= Operating Coil Voltage

@@ = Aux. Contact Arrangement

- = No Replacement

* = Ampere Range Code

⁽¹⁾ = Aux. contact block needed

Attaching Thermal Overload Relay to Magnetic Contactor

● Mounting the Thermal Overload Relay to and Removing It from the Magnetic Contactor

I. Mounting [Figure 4]

- 1) Loosen terminals 2, 4, and 6 on the Magnetic Contactor.
- 2) Insert the posts on the Thermal Overload Relay into the holes on the Magnetic Contactor in the direction shown by the arrows.
- 3) Insert the main circuit section of the Thermal Overload Relay on the right sides of the terminal screws.
- 4) Tighten the terminal screws on the Magnetic Contactor to the specified torque.

II. Removing [Figure 4]

- 1) Loosen the terminals screws on the Magnetic Contactor.
- 2) Move the Thermal Overload Relay left and right and pull it free from the Magnetic Contactor.

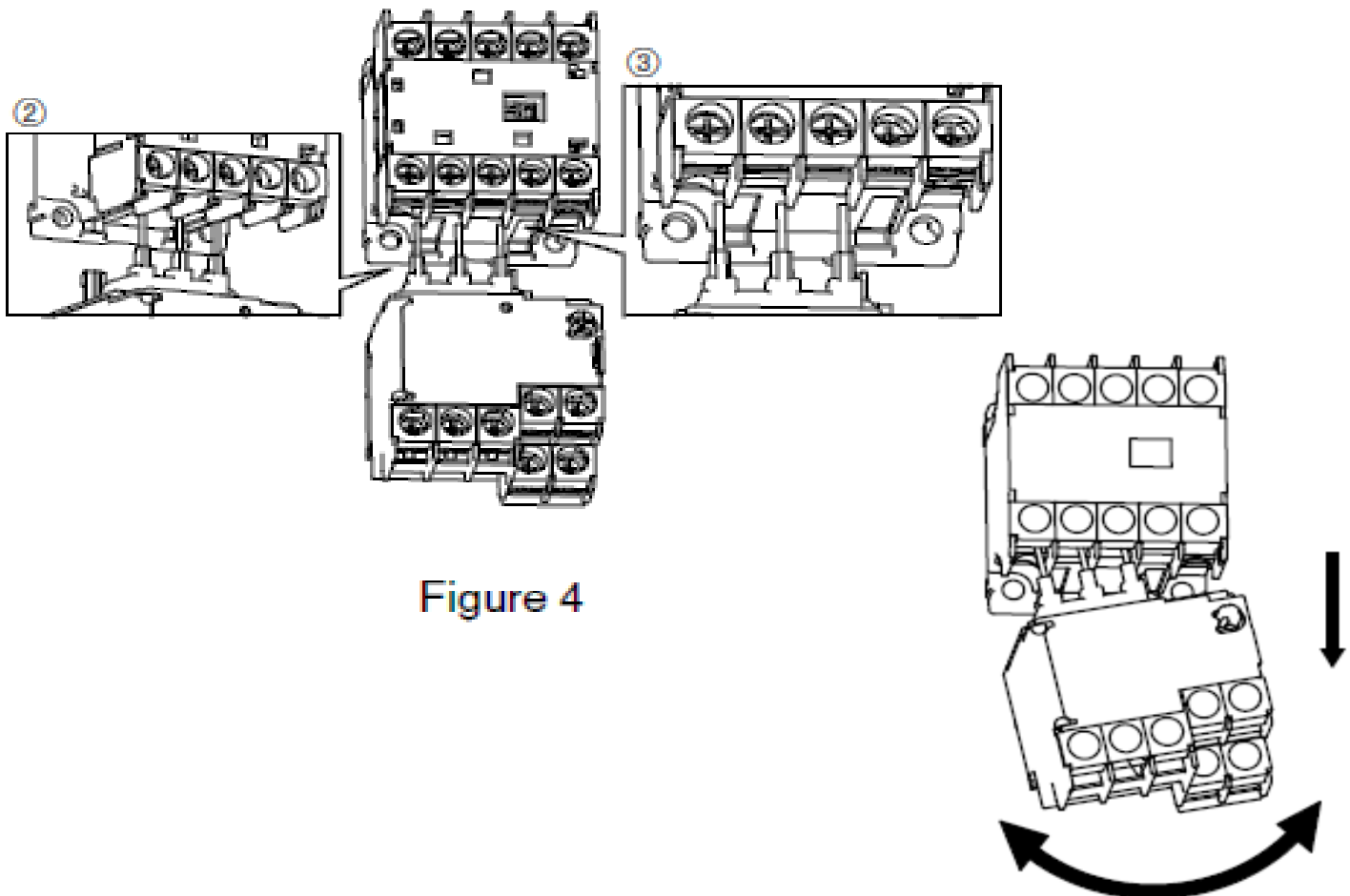


Figure 4