



CLASS 9999 TYPE SM MECHANICAL INTERLOCK KITS — For Use with Type SD — Series A; Size 2, AC Magnetic Reversing or Multi-Speed Contactors and Starters CLASSES 8702, 8736 and 8810

GENERAL — Class 9999 Type SM kits are designed to interlock two Type S, Size 2, Series A contactors or starters mechanically. The two operating pins of the mechanical interlock assembly protrude through openings in the baseplate of the contactors or starters to engage their movable contact carriers. (See Figures 1 and 2.)

REVERSING CONTACTORS consist of 2 contactors each mounted by three screws on a Class 9999 Type SM mechanical interlock kit. Figures 3-5 show the components for mechanically interlocked reversing contactors. See also the paragraph entitled, "Electrical Interlocking."

REVERSING STARTERS consist of 1 starter and one contactor each mounted by three screws on a Class 9999 Type SM mechanical interlock kit and a Class 9999 Type SO-11 overload relay mounting bracket attaches to the mechanical interlock baseplate with one screw as shown in Figure 1. Figures 6-8 show the components for mechanically interlocked reversing starters. See also the

paragraph entitled, "Electrical Interlocking."

MULTI-SPEED STARTERS — Horizontally arranged multi-speed starters (Figures 9-11) consist of two starters each mounted by three screws on a Class 9999 Type SM mechanical interlock kit and two Class 9999 Type SO-11 overload relay mounting brackets. Each overload relay bracket attaches to the mechanical interlock baseplate with one screw as shown in Figure 1. Vertically arranged multi-speed starters (Figures 12-13) consist of a contactor, starter, and overload relay block mounted on a Class 9999 Type SM mechanical interlock kit and a Class 9999 Type SO-12 overload relay mounting bracket. See also the paragraph entitled, "Electrical Interlocking."

ELECTRICAL INTERLOCKING is desirable when building mechanically interlocked devices. A N.C. electrical interlock is normally mounted internally in the lower right-hand corner of each contactor or starter. Two interlocks are, therefore, used on a reversing or multi-speed device. Order each N.C. replacement interlock as Class 9999 Type SX-12.

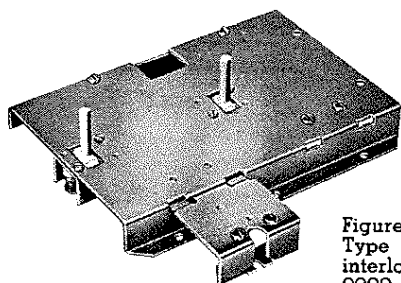


Figure 1 — A Class 9999 Type SM-6 mechanical interlock kit with a Class 9999 Type SO-11 overload relay mounting bracket attached.

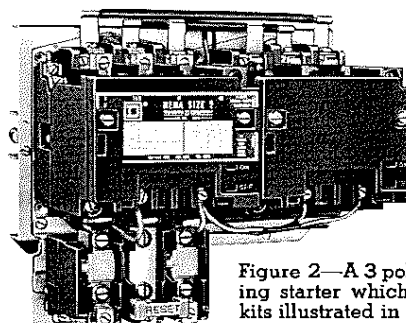


Figure 2 — A 3 pole reversing starter which uses the kits illustrated in Figure 1.

CLASS 8702 REVERSING CONTACTORS

VERTICAL ARRANGEMENT

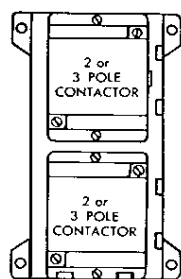


Fig. 3

HORIZONTAL ARRANGEMENT

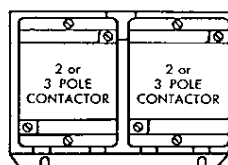


Fig. 4

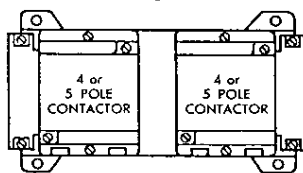


Fig. 5

CLASS 8736 REVERSING STARTERS

VERTICAL ARRANGEMENT

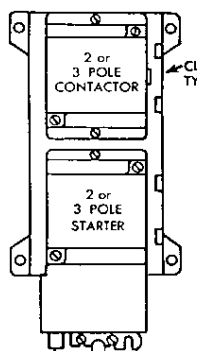


Fig. 6

HORIZONTAL ARRANGEMENT

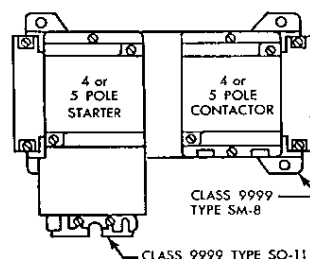


Fig. 7

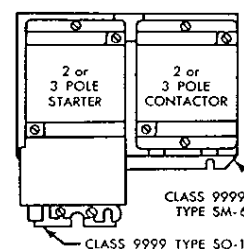


Fig. 8



CLASS 8810 — TWO SPEED STARTERS

HORIZONTAL ARRANGEMENT

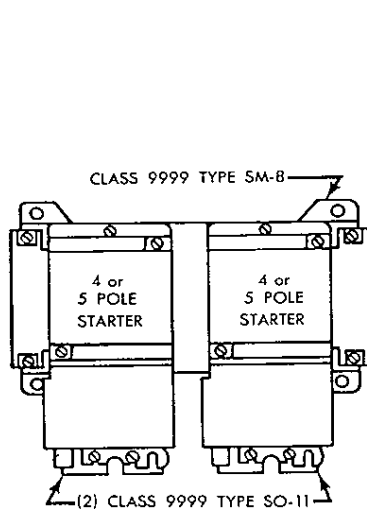


Fig. 9

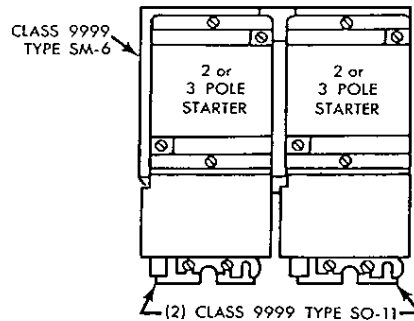


Fig. 10

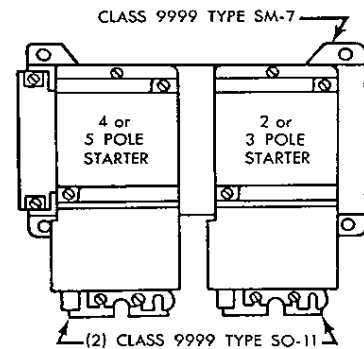


Fig. 11

VERTICAL ARRANGEMENT

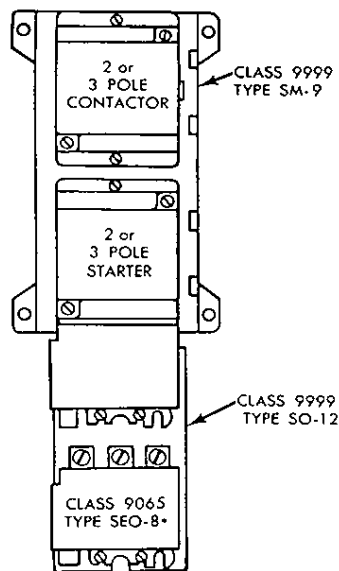


Fig. 12

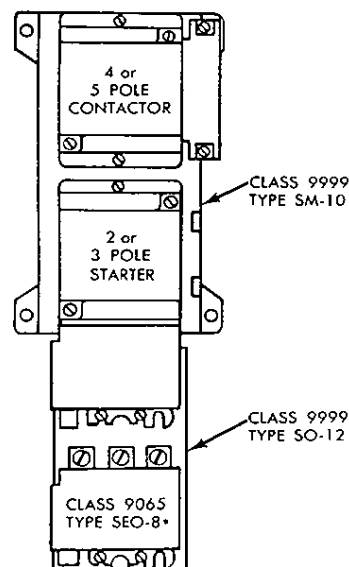


Fig. 13

*The Class 9065 Type SEO-8 overload relay block will accept two thermal units. Order Type SEO-9 if three thermal units are needed or Type SEO-7 if one thermal unit is required. All three blocks are dimensionally the same.



California Proposition 65 Warning—Nickel Compounds

Advertencia de la Proposición 65 de California— compuestos de níquel

Avertissement concernant la Proposition 65 de Californie— composés de nickel

 **WARNING:** This product can expose you to chemicals including Nickel compounds, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

 **ADVERTENCIA:** Este producto puede exponerle a químicos incluyendo compuestos de níquel, que son conocidos por el Estado de California como causantes de cáncer. Para mayor información, visite www.P65Warnings.ca.gov.

 **AVERTISSEMENT:** Ce produit peut vous exposer à des agents chimiques, y compris composés de nickel, identifiés par l'État de Californie comme pouvant causer le cancer. Pour de plus amples informations, prière de consulter www.P65Warnings.ca.gov.

All trademarks are the property of Schneider Electric SE, its subsidiaries, and affiliated companies.

Schneider Electric USA, Inc.
800 Federal Street
Andover, MA 01810 USA
888-778-2733
www.schneider-electric.us

Todas las marcas comerciales son propiedad de Schneider Electric SE, sus filiales y compañías afiliadas.

Importado en México por:
Schneider Electric México, S.A. de C.V.
Av. Ejercito Nacional No. 904
Col. Palmas, Polanco 11560 México, D.F.
55-5804-5000
www.schneider-electric.com.mx

Toutes les marques commerciales sont la propriété de Schneider Electric SE, ses filiales et compagnies affiliées.

Schneider Electric Canada, Inc.
5985 McLaughlin Road
Mississauga, ON L5R 1B8 Canada
800-565-6699
www.schneider-electric.ca