



Class 9998 Type SO1

**Contact Units for Melting Alloy Overload Relays**

One normally closed contact, Class 9998 Type SO1, is provided in each overload relay block on Type S starters Sizes 00-6. The Class 9998 Type SO1 contact unit listed in Table 16.360 is provided as standard in each Class 9065 melting alloy overload relay. Contact modules can be easily replaced and are identified in Table 16.360. Isolated overload relay alarm circuit contacts are available as an optional feature. A pilot light or alarm bell can be wired in series with this contact to indicate that the overload relay has tripped. For further information on isolated alarm contacts refer to Class 9999 Types SO4 and SO5, page 16-129.

**Table 16.360: Class 9998 Type SO1 Contact Units for Melting Alloy Overload Relays**

Magnetic Starter			Description [3]	Parts Kit Number
NEMA Size	Type	Series		
00-4 and 6	SA-SF SH	A & B	Standard N.C. contact unit	Class 9998 Type SO1[4]

**Class 9998 Type UB Universal Baseplate**

A universal baseplate may be used to retrofit a Square D Type S NEMA starter into an application which is currently using a competitive NEMA starter. The universal baseplate is a metal plate which attaches to the panel in the location of the starter to be replaced. The Type S starter then mounts to the baseplate. It is available for NEMA Sizes 00 through 4, and mounting screws are provided with each plate.

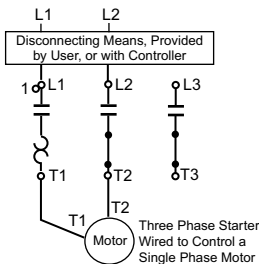
The universal baseplate adapter allows the Type S starter to replace the competitive starters in Table 16.361:

**Table 16.361: Competitive Starter Replacement**

Competitor Starter	NEMA Size	Base-plate	NEMA Size	Base-plate	NEMA Size	Base-plate	NEMA Size	Base-plate
Allen Bradley 509	0, 1	UB01	2	UB02	3	UB03	4	UB04
Allen Bradley 709	1		2		3		4	
Cutler Hammer Freedom Series	00, 0, 1		2		3		4	
Furnas ESP100	0, 1		2		3		4	
Furnas INNOVA	0, 1		2		3		4	
General Electric CR306	00, 0, 1		2		3		4	
Telemecanique "A" Line and Pre-type "S"	0, 1	UB11	2	UB12	3	UB13	4	UB14

**Melting Alloy Overload Relay Jumper Strap Kits**

Jumper strap kits are for use on three-phase manual or magnetic starters with melting alloy overload relays only, where a three-phase starter is used to control a single-phase motor. These kits will include two jumper straps, a wiring diagram showing how to wire a three-phase starter to control a single-phase motor, and single-phase (one thermal unit) selection tables.



**Table 16.362: Melting Alloy Overload Relay Jumper Strap Kits**

Class	For Starter		Class 9998 Kit Type [5]
	Size	Type	
ALL	00, 0, 1, 2 and M0 & M1	SA, SB, SC, SD and M & T (Manual)	SO31
	3,4	SE, SF	SO32
	5	SG	None Available

**Table 16.363: How to Order**

To Order Specify:	Catalog Number	
• Class Number	Class	Type
• Type Number	9998	UB01

[3] Refer to page Table 16.367 for contact ratings.  
 [4] The Type SO1 is also the replacement contact unit for Class 9065 Type M melting alloy overload relays.  
 [5] CP1 discount schedule.