

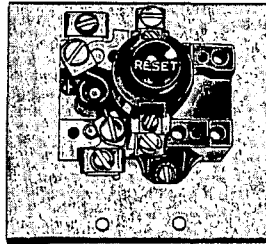
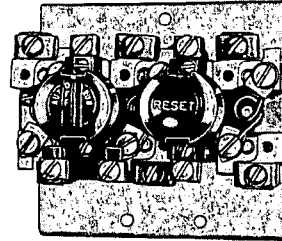
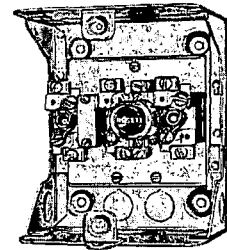
A-C AND D-C RELAYS



Type ST—Thermal Overload Relays

WHEN ORDERING SPECIFY

- Catalog number
- Heater coil number or full load current (see index page 281.)

Size 1
One CoilSize 1
Three Coil

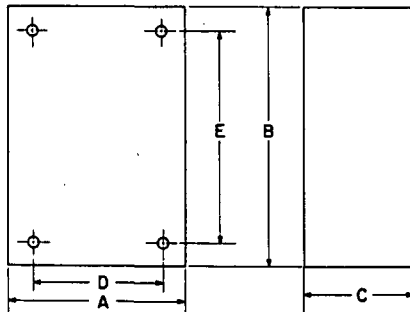
NEMA 1

INVERSE TIME LIMIT—MANUAL RESET TYPE

No. of Thermal Elements	Maximum Amperes	Size	Open Type										General Purpose NEMA 1	
			Without Mounting Plate					With Mounting Plate						
			Reset Only		Start-Stop Pushbutton and Reset	Run-Off-Auto. Sel. Sw. and Reset	Price	Reset Only		Start-Stop Pushbutton and Reset	Run-Off-Auto. Sel. Sw. and Reset	Price	Reset Only	
WITH NORMALLY CLOSED CONTACTS ON RESET BUTTON														
1	30	1	10176-H67	\$6.	10176-H73	10176-W5	\$14.	10176-H31	\$8.	10176-H37	10176-H43	\$16.	10176-H25	\$13.
	50	2	H79	8.	H85	W6	16.	H52	10.	H58	H64	18.	H46	20.
	100	3	W1	10.	W3	W7	18.	W9	12.	W11	W13	20.	W15	27.
	150	4	W2	15.	W4	W8	23.	W10	19.	W12	W14	27.	W16	49.
2	30	1	H71	12.	H77	W17	20.	H35	15.	H41	H45	23.	H27	20.
	50	2	H83	16.	H89	W18	24.	H56	19.	H62	H66	27.	H48	29.
	100	3	H93	20.	H97	W19	28.	H103	23.	H109	H113	31.	W20	38.
	150	4	H116	30.	H120	H123	38.	H126	36.	H130	H133	44.	W21	66.
3	Factory Assembled 3 coil relay, add suffix "T" to 2 element catalog number and add \$4. to price.										Field Conversion from 2 coil to 3 coil, use spindle kit 10176H150—\$2.50 and heater coil—\$1.50.			
WITH NORMALLY CLOSED—NORMALLY OPEN CONTACTS ON RESET BUTTON														
1	30	1	H68	10.	H74	---	18.	H32	12.	H38	---	20.	H26	17.
	50	2	H80	12.	H86	---	20.	H53	14.	H59	---	22.	H47	24.
	100	3	W22	14.	W24	---	22.	W26	16.	W28	---	24.	W30	31.
	150	4	W23	19.	W25	---	27.	W27	23.	W29	---	31.	W31	53.
2	30	1	H72	16.	H78	---	24.	H36	19.	H42	---	27.	H28	24.
	50	2	H84	20.	H90	---	28.	H57	23.	H63	---	31.	H49	33.
	100	3	H94	24.	H98	---	32.	H104	27.	H110	---	35.	W32	42.
	150	4	H117	34.	H121	---	42.	H127	40.	H131	---	48.	W33	70.
3	Factory Assembled 3 coil relay, add suffix "T" to 2 element catalog number and add \$4. to price.										Field Conversion from 2 coil to 3 coil, use spindle kit 10176H150—\$2.50 and heater coil—\$1.50.			

Prices include necessary heater coils at \$1.50 each.

APPROXIMATE DIMENSIONS AND SHIPPING WEIGHTS



Size	No. of Heater Coils	Operator	Dimensions in Inches					Ship. Wt. Lbs.
			Wide A	High B	Deep C	Mounting		
						D	E	
OPEN TYPE WITHOUT MOUNTING PLATE								
1	1	Reset Only	2½	2¾	4¼	---	2	1
1	1	Start, Stop-Reset	3¾	2¾	4¼	---	2	1½
1	2 or 3	Any	4½	2¾	4¼	---	2	1¼
2	1	Reset Only	2½	3¼	4¼	---	2	1¼
2	1	Start, Stop-Reset	3¾	3¼	4¼	---	2	1½
2	2 or 3	Any	4¾	3¼	4¼	---	2	1¾
3	2 or 3	Any	5¼	4¼	4¼	4¾	1	2¼
4	2 or 3	Any	5¼	7½	4¼	4¾	1	4
OPEN TYPE WITH MOUNTING PLATE								
1 and 2	1, 2 or 3	Any	4¾	3¾	4¾	1¼	3¾	1¾
3	2 or 3	Any	5¼	4¼	4¾	1½	3½	2½
4	2 or 3	Any	5¼	7½	4¾	1½	3½	4¼
NEMA 1								
1	1, 2 or 3	Reset Only	5¾	6¾	5	3¾	4¼	5
2	1, 2 or 3	Reset Only	6¾	7¾	5½	3¾	4¼	7

DISCOUNT SCHEDULE ICD