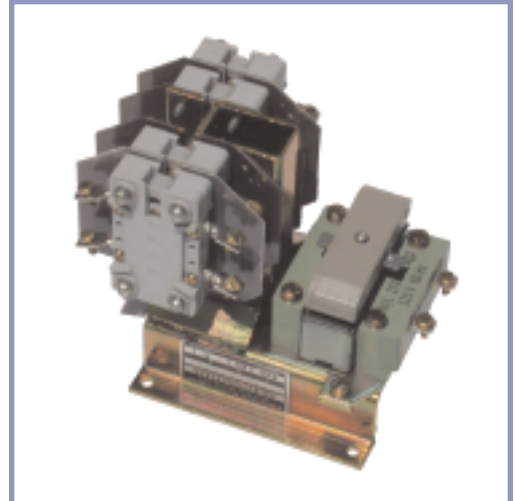


AC Relays

Type IC5182

Series N147 Overload Relays are of the magnetically operated self reset type, designed for use on A.C. or D.C. motor starters and controllers for Navy Service A applications.

Specification	MIL-C-2212
Application	Auxiliary relay, control relay, or undervoltage relay.
Forms	Select standard form (IC5182), or quiet form (IC5182D) when control is to meet standard MIL-STD-740. All quiet AC relays undergo special testing at the factory.
Contacts	Available in 2, 4, 6, and 8 contact versions.
Rated Ambient	50° C
Duty	Continuous
Insulation	Class B (coil is Class A)



Type IC5182 AC Relay

Number of Contacts	Basic Catalog Number IC5182			
	Standard		Quiet	
	115 V Coil	440 V Coil	115 V Coil	440 V Coil
2	C120A3	C120A6	D120A3	D120A6
4	C120A3	C120A6	D120A3	D120A6
6	C120A3	C120A6	D120A3	D120A6
8	C120A3	C120A6	D120A3	D120A6

Ordering Information

Order by complete catalog number. Complete catalog number consists of the basic catalog number, plus a contact arrangement indicator.

Example: A standard relay having a 440 VAC, 60 Hz coil and 6 N.O. and 2 N.C. contacts is: IC5182C120A6ABBA



Unlisted Ratings: For other unlisted voltages or frequencies or for application on D.C., refer to Company.

Control Power Requirements

Volts	Amperes Holding	Amperes Inrush
115	0.33	2.1
440	.08	0.5

Contact Ratings (Amperes)

Volts	Carry	Make	Break	
			One Contact	2 Contacts in Series
115 VAC	10	60	10	-
440 VAC	10	60	5	-
115 VDC				
Inductive	10	60	1	2
Noninductive	10	60	5	10
230 VDC				
Inductive	10	60	0.5	1
Noninductive	10	60	2	4

Thermal Overload Relays

Series N154

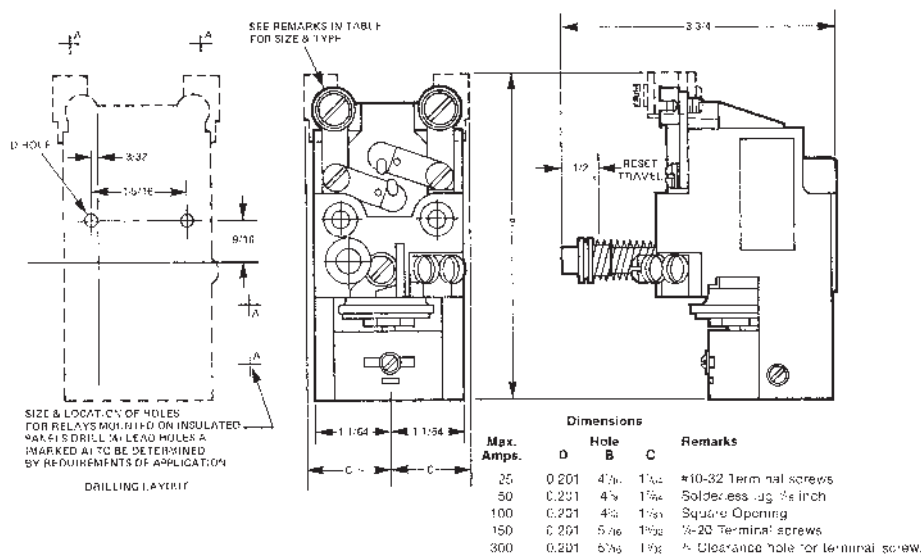
Type N154 Relay is an ambient compensated single pole inverse time thermal overload relay suitable for A.C. or D.C. service. It is specifically designed for use with motor starters and controllers that are to be applied on Navy Service A applications.

Specification	MIL-C-2212
Function	Motor overload protection
Operation	Thermal inverse time delay type, manual reset
Type	Series N154
Heaters	Interchangeable, Heaters available with current trip range 0.36 to 275 amps.
Compensation	Ambient compensation within 0.3% per degree change in ambient temperature between 20 oC and 70 oC.
Insulation	Class A
Adjustment	Trip current adjustable +/- 10% of heater rating.
Voltage	A.C. 600 volts max., D.C. 250 volts max.
Contact Rating	Normally closed contact will carry and break 6 amps. max. A.C. and 200 V.A. with a max. of 2 amps. D.C.



Series N154 Thermal Overload Relay

Dimensions (Approximate)



Use with Contactor Size	Ampere Rating Nominal	Catalog Number
0, 1	25	N154-1
2	50	N154-2
3	100	N154-3
4	150	N154-4
5	300	N154-5*

* Relays must be used with current transformer. Consult Factory for transformer selection.

Ordering Information

When ordering Series N154 Overload Relays, specify:

1. Catalog Number
2. Motor type, H.P. and nameplate amperes.

When ordering heaters, specify Heater Part Number and Motor Full Load Amperes. Heaters furnished separately.

Repair Parts

Repair parts are normally furnished in accordance with the applicable part allowance list include:

- 1 set of overload heaters (wt. 2 oz. each)



Thermal Overload Relays

Series N154

Heaters

Full Load Motor Amperes	Heater Marking	Catalog Number	Full Load Motor Amperes	Heater Marking	Catalog Number
.28 - .30	.36	104.813.11	13.1 - 14.0	16.0	104.813.42
.31 - .34	.40	104.813.12	14.1 - 16.0	18.0	104.813.43
.35 - .39	.45	104.813.13	16.1 - 18.0	20.5	104.813.44
.40 - .44	.51	104.813.14	18.1 - 20.3	23.0	104.813.45
.45 - .50	.58	104.813.15	20.4 - 22.9	26.0	104.813.46
.51 - .56	.65	104.813.16	23.0 - 25.4	29.5	104.813.47
.57 - .64	.73	104.813.17	25.5 - 27.0	32.0	104.813.48
.65 - .73	.83	104.813.18	28 - 31	35.0	104.813.49
.74 - .30	.94	104.813.19	32 - 35	41.0	104.813.50
.82 - .92	1.06	104.813.20	36 - 38	44.0	104.813.51
.93 - 1.05	1.20	104.813.21	39 - 42	49.0	104.813.52
1.06 - 1.19	1.36	104.813.22	43 - 45	53.0	104.813.53
1.20 - 1.35	1.54	104.813.23	46 - 48	58.0	104.813.54
1.36 - 1.53	1.74	104.813.24	49 - 52	62.0	104.813.55
1.54 - 1.73	1.95	104.813.25	53 - 57	67.0	104.813.56
1.74 - 1.94	2.21	104.813.26	58 - 63	73.0	104.813.57
1.95 - 2.1	2.50	104.813.27	64 - 71	81.0	104.813.58
2.2 - 2.5	2.83	104.813.28	72 - 80	91.0	104.813.59
2.6 - 2.8	3.20	104.813.29	81 - 89	102.0	104.813.60
2.9 - 3.2	3.65	104.813.30	90 - 98	113.0	104.813.61
3.3 - 3.6	4.15	104.813.31	99 - 108	123.0	104.813.62
3.7 - 4.0	4.65	104.813.32	109 - 118	137.0	104.813.63
4.1 - 4.5	5.25	104.813.33	119 - 125	149.0	104.813.64
4.6 - 5.3	5.95	104.813.34	126 - 136	157.0	104.813.65
5.4 - 6.0	6.75	104.813.35	137 - 151	173.0	104.813.66
6.1 - 6.7	7.70	104.813.36	152 - 163	190.0	104.813.67
6.8 - 7.7	8.70	104.813.37	164 - 180	205.0	104.813.68
7.8 - 9.0	10.2	104.813.38	181 - 190	223.0	104.813.69
9.1 - 10.3	11.7	104.813.39	191 - 199	244.0	104.813.70
10.4 - 11.7	13.2	104.813.40	200 - 205	275.0	104.813.71
11.8 - 13.0	14.8	104.813.41			

Thermal Overload Relays

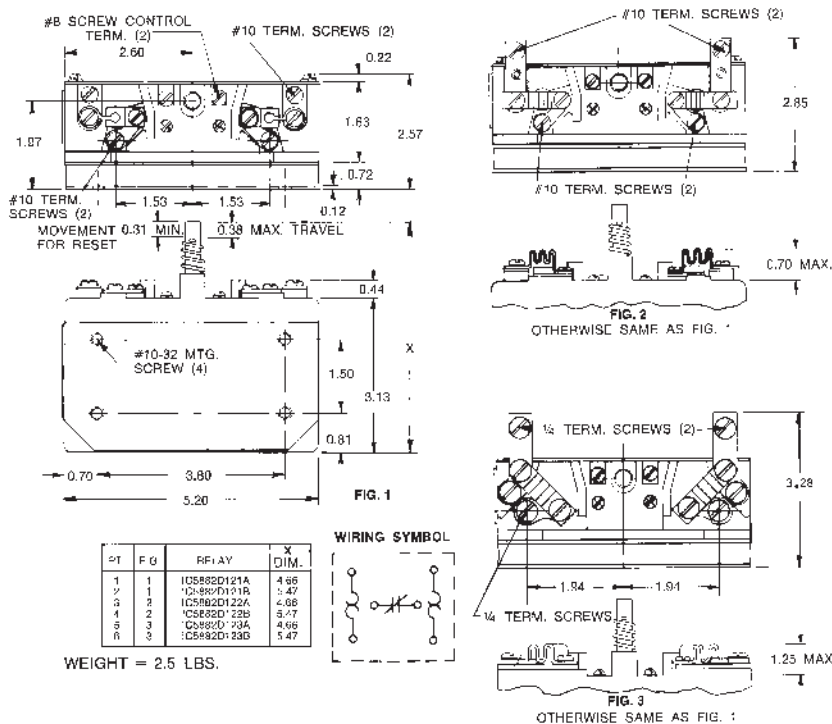
Type IC5882D

Specification	MIL-C-2212
Application	Use for motor overload protection.
Type	Heater type with interchangeable heater elements and adjustable trip setting. Trip current can be varied +/- 10% from factory setting.
Form	Dual element (two pole) with one N.C. contact. Use only one pole for single phase A.C. or D.C.
Voltage	600 volts maximum.



Type IC5882D Overload Relay

Outline and Mounting Dimensions (in inches)



Ordering Information

To order overload relay with heaters specify overload relay catalog number and heater catalog number.

Example: IC5882D122B with two Type 81D363 heaters.

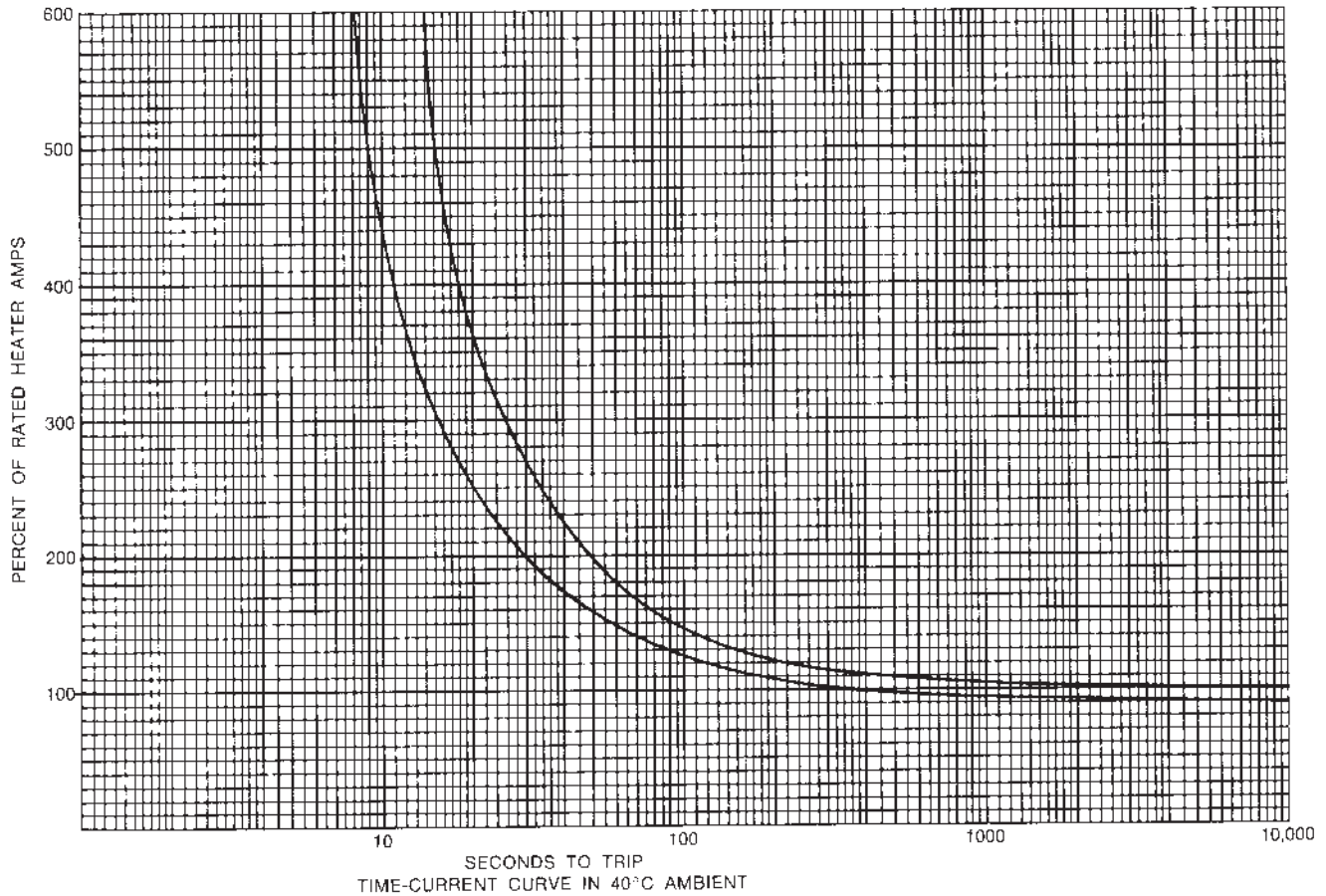
Overload relay or heaters may be ordered as separate items (not assembled together) by specifying appropriate catalog number and quantity of each required.

Contact Ratings (Amperes)

Carry	Make	Break			
		115 VAC	440 VAC	115 VDC	230 VDC
10	30	15	5	0.35	0.17

Thermal Overload Relays

Type IC5882D



Heaters

Use With Contactor Size	Reset Rod Length	Catalog Number
0, 1	Short	IC5882D121A
	Long	IC5882D121B
2	Short	IC5882D122A
	Long	IC5882D122B
3	Short	IC5882D123A
	Long	IC5882D123B
4, 5, 6*	—	—

*Size 4: USE induction overload relay on page 26

Size 5 & 6:

USE overload relay Cat. No. IC5882D121 with two 200:5 current transformers.



Thermal Overload Relays

Type IC5882D

Heaters					
Max. Cont. Full Load Motor Amp for 40° C Rise Motors	Heater Rating Amps @ 40° C	Catalog Number	Max. Cont. Full Load Motor Amp for 40° C Rise Motors	Heater Rating Amps @ 40° C	Catalog Number
Size 0, 1, 2			Size 0, 1, 2		
0.37 - 0.38	0.44	81D303	9.71 - 10.6	12.2	81D338
0.39 - 0.42	0.48	81D304	10.7 - 11.7	13.4	81D339
0.43 - 0.46	0.53	81D305	11.8 - 12.7	14.5	81D340
0.47 - 0.50	0.58	81D306	12.8 - 13.9	15.9	81D341
0.51 - 0.56	0.64	81D307	14.0 - 15.2	17.4	81D342
0.57 - 0.62	0.71	81D308	15.3 - 16.8	19.3	81D343
0.63 - 0.67	0.77	81D309	16.9 - 18.5	21.3	81D344
0.68 - 0.74	0.85	81D310	18.6 - 20.6	23.6	81D345
0.75 - 0.82	0.94	81D311	20.7 - 22.5	25.9	81D346
0.83 - 0.90	1.03	81D312	22.6 - 24.9	28.5	81D360
0.91 - 0.99	1.14	81D313	25.0 - 27.3	31.3	81D361
1.00 - 1.09	1.25	81D314	27.4 - 30.0	34.5	81D362
1.10 - 1.20	1.37	81D315	30.1 - 33.0	37.9	81D363
1.21 - 1.31	1.50	81D316	33.1 - 36.4	41.9	81D364
1.32 - 1.44	1.65	81D317	36.5 - 44.0	46.0	81D365
1.45 - 1.59	1.82	81D318	40.1 - 44.2	50.6	81D366
1.60 - 1.74	2.00	81D319			
1.75 - 1.92	2.20	81D320			
1.93 - 2.11	2.42	81D321			
2.12 - 2.31	2.65	81D322			
2.32 - 2.55	2.92	81D323			
2.56 - 2.80	3.20	81D324			
2.81 - 3.09	3.54	81D325			
3.10 - 3.42	3.92	81D326			
3.43 - 3.75	4.3	81D327			
3.76 - 4.10	4.7	81D328			
4.11 - 4.54	5.2	81D329			
4.55 - 4.98	5.7	81D330			
4.99 - 5.45	6.25	81D331			
5.46 - 6.03	6.9	81D332			
6.04 - 6.65	7.6	81D333			
6.66 - 7.25	8.3	81D334			
7.26 - 8.05	9.2	81D335			
8.06 - 8.83	10.1	81D336			
8.84 - 9.70	11.1	81D337			
			Size 3		
			22.6 - 24.9	28.5	81D400
			25.0 - 27.3	31.3	81D401
			27.4 - 30.0	34.5	81D402
			30.1 - 33.0	37.9	81D403
			33.1 - 36.4	41.7	81D404
			36.5 - 40.0	46.0	81D405
			40.1 - 44.2	50.6	81D406
			44.3 - 48.6	55.7	81D407
			48.7 - 53.6	61.3	81D408
			53.7 - 58.8	67.4	81D409
			58.9 - 64.7	74.1	81D410
			64.8 - 71.1	81.5	81D411
			71.2 - 78.3	89.7	81D412
			78.4 - 86.0	98.6	81D413
			86.1 - 94.0	108	81D414
			94.1 - 103.0	119	81D415

Note: Ultimate trip current will be 90%-100% of heater rating.

Thermal Overload Relays

Induction Type IC5882-34

Specification	MIL-C-2212
Application	Use for overload protection of A.C. motors where highly accurate, ambient compensated overload relays are required. Choose medium-trip relay for most applications. Use slowtrip relay if it is necessary to have motor ride through long overload periods. Use fast-trip relay for motors that heat rapidly. See characteristic curves for comparative time-current characteristics.
Type	Induction type with interchangeable coils and adjustable trip setting. Trip current can be varied +/- 10% from factory setting. Compensation is such that trip current will not vary more than 3 percent for each 10 ⁰ C change in ambient temperature.
Form	Single element (one pole) with one N.C. contact. Use two relays in two lines of a three phase circuit.
Reset	Reset manually with one reset button or electrically with reset relay on page 32
Voltage	600 volts maximum.

Ordering Information

To order overload relay with heating coil, specify overload relay catalog number with heating coil suffix number.

Example: IC5882-34JJ200

To order overload relay only (less coil) specify overload relay catalog number only.

Example: IC5882-34JJ

To order heating coil only specify heating coil catalog number plus suffix number.

Example: 1D5G200

Contact Ratings

Amperes			
Carry	Make	Break	
		115 VAC	440 VAC
10	30	20	5

Type of Trip	Overload Relay Catalog Number
Slow	IC5882-34KK
Medium	IC5882-34JJ
Fast	IC5882-34MM



Thermal Overload Relays

Induction Type IC5882-34

Heaters Coils (Sizes 0-4)

Max. Cont. Full Load Motor Amp for 40° C Rise Motors	Coil Rating in Amps	Coil Catalog Number is ID5G Plus Suffix Listed Below			Max. Cont. Full Load Motor Amp for 40° C Rise Motors	Coil Rating in Amps	Coil Catalog Number is ID5G Plus Suffix Listed Below		
		Medium-trip IC5882-34JJ	Slow-trip IC5882-34KK	Fast-trip IC5882-34MM			Medium-trip IC5882-34JJ	Slow-trip IC5882-34KK	Fast-trip IC5882-34MM
		Coil Suffix					Coil Suffix		
0.57 - 0.62	0.71	200	200	–	18.3 - 20.0	22.9	237	237	236
0.63 - 0.69	0.78	201	201	200	20.1 - 22.0	25	238	238	237
0.70 - 0.76	0.86	202	202	201	22.1 - 24.4	27.5	239	239	238
0.77 - 0.82	0.94	203	203	202	24.5 - 26.1	29.5	240	240	*
0.83 - 0.91	1.03	204	204	203	26.2 - 27.1	30.6	*	*	239
0.92 - 1.00	1.13	205	205	204	27.2 - 27.4	31.2	241	241	*
1.01 - 1.10	1.24	206	206	205	27.5 - 28.7	32.4	*	*	240
1.11 - 1.20	1.36	207	207	206	28.8 - 29.4	33.3	242	242	*
1.21 - 1.33	1.50	208	208	207	29.5 - 30.4	34.4	*	*	241
1.34 - 1.45	1.65	209	209	208	30.5 - 31.4	35.7	243	243	*
1.46 - 1.60	1.80	210	210	209	31.5 - 32.5	36.7	*	*	242
1.61 - 1.77	2.00	211	211	210	32.6 - 33.9	38.5	244	244	*
1.78 - 1.94	2.20	212	212	211	34.0 - 34.8	39.3	*	*	243
1.95 - 2.13	2.42	213	213	212	34.9 - 35.9	41.7	245	245	*
2.14 - 2.33	2.65	214	214	213	36.0 - 38.4	43.3	*	*	244
2.34 - 2.58	2.92	215	215	214	38.5 - 40.3	45.5	246	246	*
2.59 - 2.82	3.22	216	216	215	40.4 - 40.6	45.8	*	*	245
2.83 - 3.10	3.52	217	217	216	40.7 - 44.1	50	247	247	246
3.11 - 3.40	3.87	218	218	217	44.2 - 49.0	55	248	248	247
3.41 - 3.74	4.25	219	219	218	49.1 - 53.7	61	*	*	248
3.75 - 4.12	4.68	220	220	219	53.8 - 55.3	62.5	249	249	*
4.13 - 4.54	5.15	221	221	220	55.4 - 60.5	68.8	253	253	*
4.55 - 4.94	5.65	222	222	221	60.6 - 60.8	69	*	*	249
4.95 - 5.48	6.20	223	223	222	60.9 - 63.0	71.5	250	250	*
5.49 - 6.03	6.85	224	224	223	63.1 - 63.9	72.5	*	*	253
6.04 - 6.66	7.55	225	225	224	64.0 - 69.5	78.7	254	254	*
6.67 - 7.32	8.34	226	226	225	69.6 - 69.6	79	*	*	250
7.33 - 8.03	9.16	227	227	226	69.7 - 73.1	83	*	*	254
8.04 - 8.83	10.0	228	228	227	73.2 - 74.0	83.5	251	251	*
8.84 - 9.70	11.1	229	229	228	74.1 - 81.0	92	255	255	251
9.71 - 10.8	12.2	230	230	229	81.1 - 85.0	96.6	*	*	255
10.9 - 11.9	13.5	231	231	230	85.1 - 88.2	100	252	252	*
12.0 - 13.0	14.9	232	232	231	88.3 - 96.9	110	*	*	252
13.1 - 14.2	16.1	233	233	232	97 - 98	110	256	256	*
14.3 - 15.7	17.8	234	234	233	99 - 106.5	121	*	*	269
15.8 - 17.1	19.6	235	235	234	106.6 - 111	125	64	64	*
17.2 - 18.2	21.7	236	236	235	112 - 121	137	85	85	64
					122 - 127	144	*	*	85
					128 - 133	150	272	272	*

NOTE: Ultimate trip current will be 90-100% of coil rating.

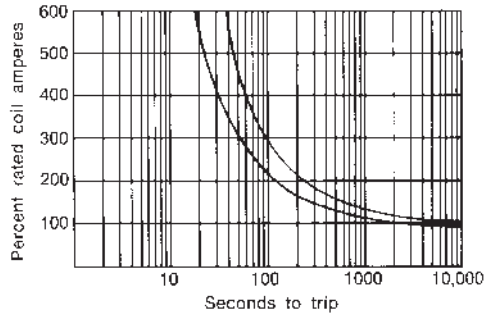
* Use next higher rating



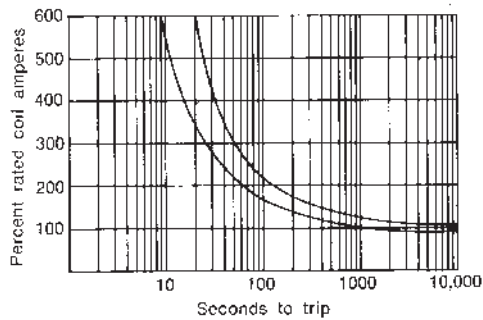
Thermal Overload Relays

Induction Type IC5882-34

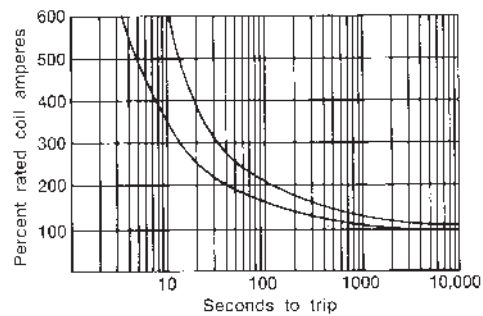
Characteristic Curves



Time-current curve, slow-trip form, 60 hertz, 40°C ambient temperature.

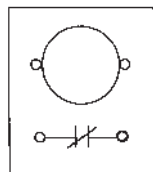


Time-current curve, medium-trip form, 60 hertz, 40°C ambient temperature.

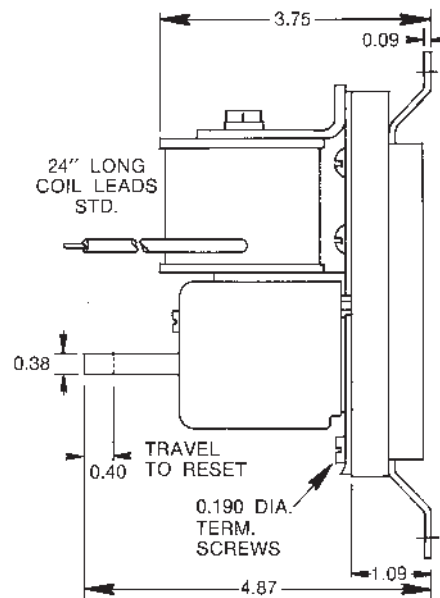
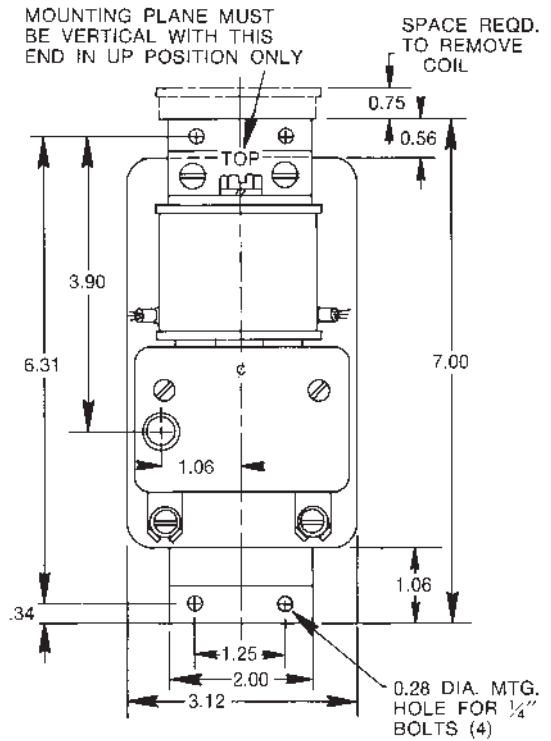


Time-current curve, fast-trip form, 60 hertz, 40°C ambient temperature.

Wiring Symbol



Outline and Mounting Dimensions (In Inches)



WEIGHT = 3 LBS.

Magnetic Overload Relays

Series N147

Series N147 Overload Relays are of the magnetically operated self reset type, designed for use on A.C. or D.C. motor starters and controllers for Navy Service A applications.

Specification	MIL-R-2033
Function	Motor overload protection.
Operation	Magnetic inverse time delay type, self reset.
Compensation	Ambient compensated between 20° C and 70° C
Adjustment	Trip current adjustable +/- 10% of nominal current rating.
Insulation	Class A
Voltage	Normally closed contact will carry and break 5 amps 440 volts max. A.C. and 1 amp D.C



N147 Magnetic Overload Relay

Ordering Information

When ordering N147 Magnetic Overload Relays, the following information is requested:

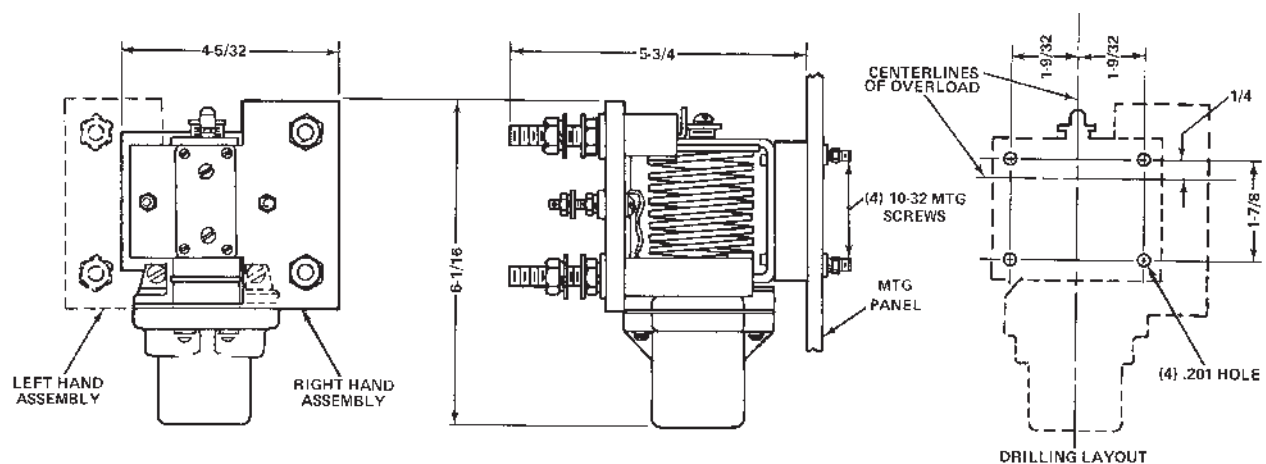
1. Series No. of relay
2. Motor type, H.P. and nameplate amperes
3. Location of coil terminal studs (left or right hand side of relay)

Repair Parts

Repair parts normally furnished in accordance with applicable part allowance list include:

- 1 Relay operating coil

Dimensions (Approximate)



Magnetic Overload Relays

Series N147

Full Load Motor Current Amperes		Relay Tripping Amps.	Coil Nos.	Full Load Motor Current Amperes		Relay Tripping Amps.	Coil Nos.
Min.	Max.			Min.	Max.		
0.50	0.54	0.625	151L901	22.1	24.0	27.7	151L43
0.61	0.67	0.77	151L1	24.1	26.5	30.4	151L44
0.68	0.72	0.84	151L2	26.6	29.0	33.3	151L45
0.73	0.79	0.91	151L3	29.1	32.0	36.3	151L146*
0.80	0.86	0.99	151L4	32.1	35.0	39.7	151L147*
0.87	0.94	1.08	151L5	35.1	38.0	43.4	151L148*
0.95	1.03	1.18	151L6	38.1	41.0	48.3	151L149*
1.04	1.13	1.30	151L7	41.1	43.1	50.2	151L150*
1.14	1.24	1.43	151L8	43.1	46.0	52.8	151L151*
1.25	1.35	1.57	151L9	46.1	49.0	58.0	151L152*
1.36	1.47	1.68	151L10	49.1	52.0	61.0	151L153*
1.48	1.61	1.85	151L11	52.1	55.0	64.5	151L154*
1.62	1.75	2.03	151L12	55.1	59.0	68.3	151L155*
1.76	1.86	2.14	151L13	59.1	62.0	72.5	151L156*
1.87	1.96	2.26	151L14	62.1	67.0	77.3	151L157*
1.97	2.16	2.47	151L15	67.1	72.0	83.0	151L158*
2.17	2.37	2.72	151L16	72.1	77.0	89.3	151L159*
2.38	2.61	2.98	151L17	77.1	84.0	96.7	151L160*
2.62	2.80	3.27	151L18	84.1	91.9	105.5	151L161*
2.81	2.96	3.41	151L19	92.1	101	116	151L162*
2.97	3.23	3.70	151L20	102	114	129	151L163*
3.24	3.53	4.05	151L21	115	126	145	151L164*
3.54	3.87	4.43	151L22	127	131	150	151L172*
3.88	4.23	4.85	151L23	132	143	165	151L165*
4.24	4.61	5.30	151L24	144	153	174	151L173*
4.62	5.04	5.79	151L25	154	167	192	151L166*
5.05	5.50	6.33	151L26	168	183	210	151L174*
5.51	5.97	6.84	151L27	184	201	231	151L167*
5.98	6.52	7.47	151L28	202	209	254	151L175*
6.53	7.10	8.16	151L29	210	230	263	151L176*
7.11	7.52	8.60	151L30	231	252	289	151L168*
7.53	8.24	9.40	151L31	253	278	318	151L177*
8.25	8.95	10.3	151L32	279	306	350	151L178*
8.96	9.67	11.0	151L33	307	337	385	151L169*
9.68	10.6	12.1	151L34	338	369	424	151L179*
10.7	11.6	13.3	151L35	418	457	525	151L180*
11.7	12.6	14.6	151L36	462	501	578	151L170*
12.7	13.9	16.1	151L37	507	550	635	151L181*
14.0	15.1	17.4	151L38				
15.2	16.7	19.1	151L39				
16.8	18.2	21.0	151L40				
18.3	20.0	23.0	151L41				
20.1	22.0	25.3	151L42				

NOTE: Full load columns based on coil rating of 115% to 125% of full load current.

* These coils used with overload relays employing terminal boards.

AC and DC Magnetic Relays

Series N130

Series N130 Magnetic Relays are recommended for applications where the pilot or control circuit must be established and interrupted repeatedly. These auxiliary control relays in one, two, three and four pole combinations are available for operation on A.C. (480 volts max.) and D.C. (250 volts max.) circuits. All pole combinations can be obtained with or without magnetic blowouts. Optional Features Contact assemblies other than those listed are available with or without blowouts.

Specification	MIL-C-2212*
Operation	Magnetic
Function	Auxiliary Control Relay
Duty	Continuous
Ambient	50° C
Insulation	Class B
Enclosure	For enclosed service
Vibration	MIL-STD-167 (ships) Type 1

*For use where opening and closing of contacts, in excess of 10 milliseconds, under shock, does not affect the operation of associated equipment.

Optional Features

Contact assemblies other than those listed are available with or without blowouts. Special coil insulation other than Class "A" applied as standard, can be furnished. In certain instances where ambient conditions or space limitations dictate, Class "H" coil insulation can be supplied at additional cost.

Similarly, Class "B" insulation can be furnished where required at additional cost.

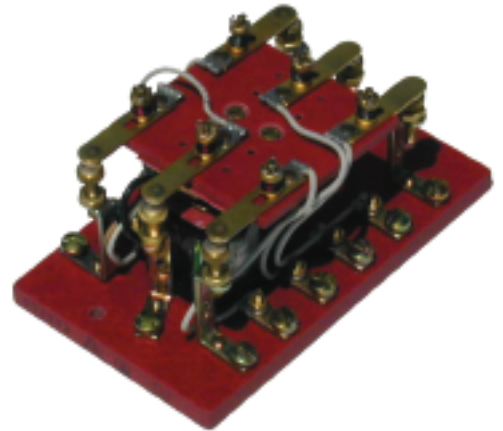
Enclosure either dripproof or watertight are available on special order.

Special requirements such as destructive tests, relays for special applications, should be referred to the Home Office.

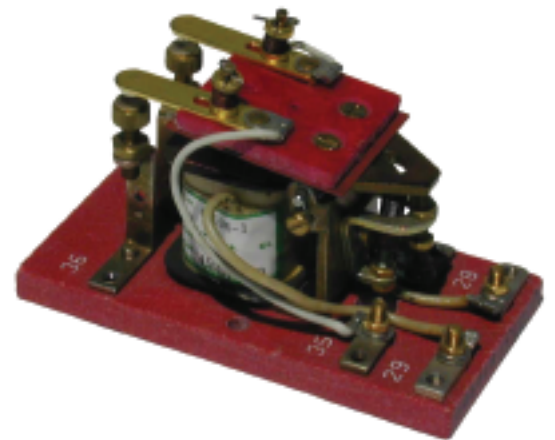
Contact Ratings*

Max. Volts	Amps A.C. (60 Hz)	Amps D.C.	
		without Blowouts	with Blowouts
125	25	3	30
250	25	1	30
480	15	-	-

* Ratings are non-inductive



N130 Relay: 3 pole N.O. and 3 pole N.C.



N130 Relay: 2 pole N.O.

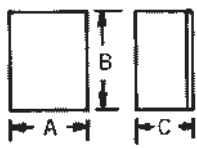
Drawings

Dimension sketches for all contact combinations are available without charge. Master plans and special drawings will be quoted on request.

AC and DC Magnetic Relays

Series N130

No. of Poles	Type of Contacts	Dimensions (in Inches)					
		Without Blowouts			With Blowouts		
		A	B	C	A	B	C
1 - Single Break	SPNO or SPNC SPNO and SPNC	2 1/2	4 7/8	3 3/16	2 1/2	5 3/4	3 1/2
		2 1/2	6	3 3/16	2 1/2	7 11/16	3 1/2
1 - Double Break	SPNO or SPNC	2 1/2	4 7/8	3 3/16	3 5/8	5 3/4	3 1/2
2 - Single Break	DPNO or DPNC DPNO and DPNC	2 1/2	4 7/8	3 3/16	3 5/8	5 3/4	3 1/2
		2 1/2	6	3 3/16	3 5/8	7 11/16	3 1/2
3 - Single Break	3 PNO	3 5/8	4 7/8	3 3/16	4 7/16	5 1/2	3 1/2
	3 PNC	3 5/8	5 1/8	3 3/16	4 7/16	6	3 1/2
	3 PNC and 3 PNO	3 5/8	6 5/8	3 3/16	4 7/16	7 11/16	3 1/2
4 - Single Break	4 PNO	4 3/4	4 7/8	3 3/16	5 7/8	6 3/4	3 1/2
	4 PNC	4 3/4	5 1/8	3 3/16	5 7/8	7 1/4	3 1/2
	4 PNC and 4 PNO	4 3/4	6 7/8	3 3/16	5 7/8	8 3/8	3 1/2



1/32" insulator (furnished with relay) must be used for steel panel mounting.

Single Pole, Single Break

Coil Voltage	D.C.			A.C.		
	1 Pole N.O.	1 Pole N.C.	1 Pole N.O. 1 Pole N.C.	1 Pole N.O.	1 Pole N.C.	1 Pole N.O. 1 Pole N.C.
115	N130-6410	N130-6411	N130-6419	N130-6510	N130-6511	N130-6519
230	N130-7410	N130-7411	N130-7419	—	—	—
440	—	—	—	N130-8510	N130-8511	N130-8519

When ordering relays with blowouts, specify Cat. No. followed by the letter "B". Example: N130-6410B.

Ordering Information

When ordering catalog listed N130 Relays specify:

1. Catalog Number
2. Contact current, voltage, and frequency
3. Coil voltage and frequency
4. Application
5. Repair parts, if required

For special assemblies furnish:

1. Number of poles and contact arrangement (include number and location of blowouts if required)

Repair Parts

Repair parts normally furnished in accordance with applicable part allowance list include:

- 1 set of contacts
- 1 set of spring
- 1 shunt of coil

AC and DC Magnetic Relays

Series N130

Single Pole, Double Break

Coil Voltage	D.C.		A.C.	
	1 Pole N.O.	1 Pole N.C.	1 Pole N.O.	1 Pole N.C.
115	N130-6413	N130-6414	N130-6513	N130-6514
230	N130-7413	N130-7414	–	–
440	–	–	N130-8513	N130-8514

Double Pole, Single Break

Coil Voltage	D.C.			A.C.		
	2 Poles N.O.	2 Poles N.C.	2 Poles N.O. 2 Poles N.C.	2 Poles N.O.	2 Poles N.C.	2 Poles N.O. 2 Poles N.C.
115	N130-6420	N130-6421	N130-6429	N130-6520	N130-6521	N130-6529
230	N130-7420	N130-7421	N130-7429	–	–	–
440	–	–	–	N130-8520	N130-8521	N130-8529

Three Pole, Single Break

Coil Voltage	D.C.			A.C.		
	3 Poles N.O.	3 Poles N.C.	3 Poles N.O. 3 Poles N.C.	3 Poles N.O.	3 Poles N.C.	3 Poles N.O. 3 Poles N.C.
115	N130-6430	N130-6431	N130-6439	N130-6530	N130-6531	N130-6539
230	N130-7430	N130-7431	N130-7439	–	–	–
440	–	–	–	N130-8530	N130-8531	N130-8539

Four Pole, Single Break

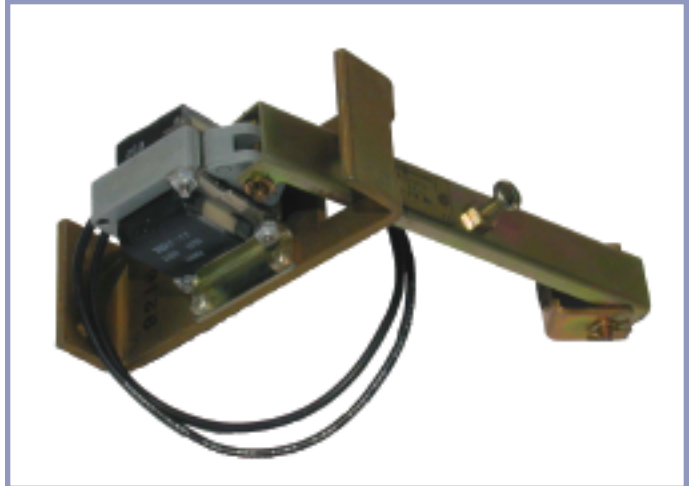
Coil Voltage	D.C.			A.C.		
	4 Poles N.O.	4 Poles N.C.	4 Poles N.O. 4 Poles N.C.	4 Poles N.O.	4 Poles N.C.	4 Poles N.O. 4 Poles N.C.
115	N130-6440	N130-6441	N130-6449	N130-6540	N130-6541	N130-6549
230	N130-7440	N130-7441	N130-7449	–	–	–
440	–	–	–	N130-8540	N130-8541	N130-8549

When ordering relays with blowouts, specify Cat. No. followed by the letter "B". Example: N130-6410B.

Reset Relays

Type IC5882A300 and IC5882A400

Specification	MIL-C-2212
Application	Use for remote resetting of Types IC5882D and IC5882-34 overload relays.
Duty	Short time, 30 minutes, 200° C maximum temperature.
Voltage	600 volts maximum.



For Use With Overload Relay	Reset Relay Catalog Number	
	115 VAC	440 VAC
IC5882D121A*	IC5882A400H12	UC5882A400H14
IC5882D122A*	IC5882A400H12	UC5882A400H14
IC5882D123A*	IC5882A400H12	UC5882A400H14
IIC5882-34KK**	IC5882A300B12	UC5882A300B14
IIC5882-34KK**	IC5882A300B12	UC5882A300B14
IIC5882-34KK**	IC5882A300B12	UC5882A300B14

Ordering Information

Order by catalog number. Overload relay is ordered separately.

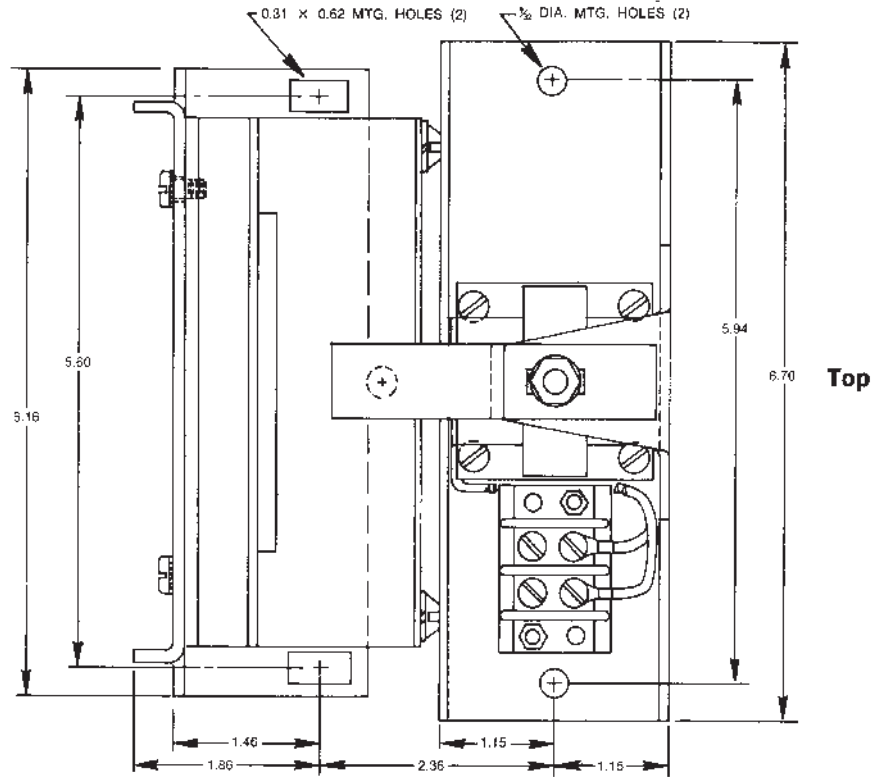
* Resets only the short reset rod version of Type IC5882D overload relay.

** Resets two Type IC5882-34 overload relays.

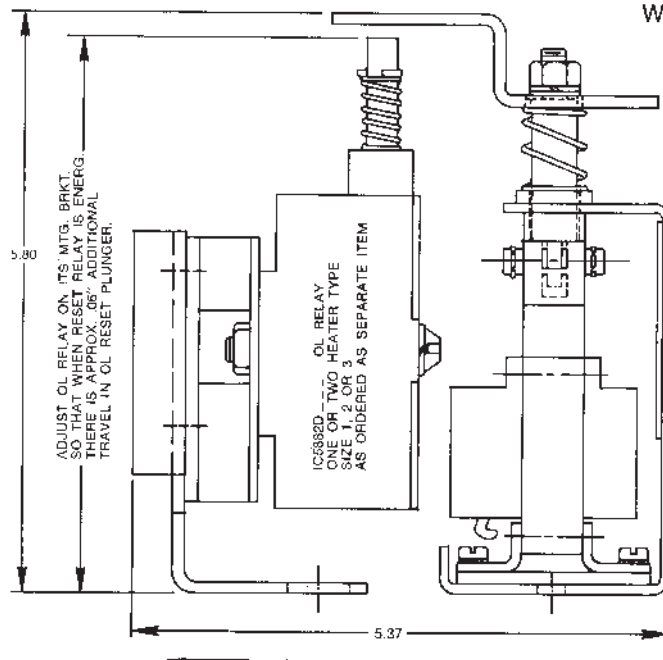
Reset Relays

Type IC5882A300 and IC5882A400

Outline and Mounting Dimensions (In Inches)



WEIGHT = 2 LBS.

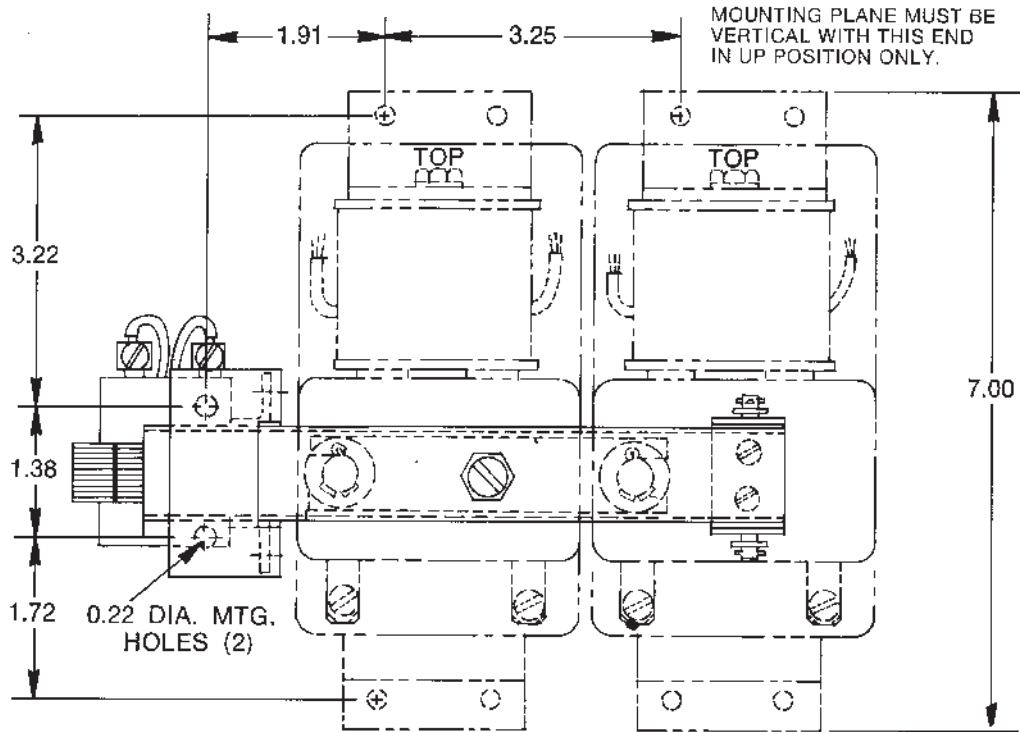


TYPE IC5882A400H RESET RELAY

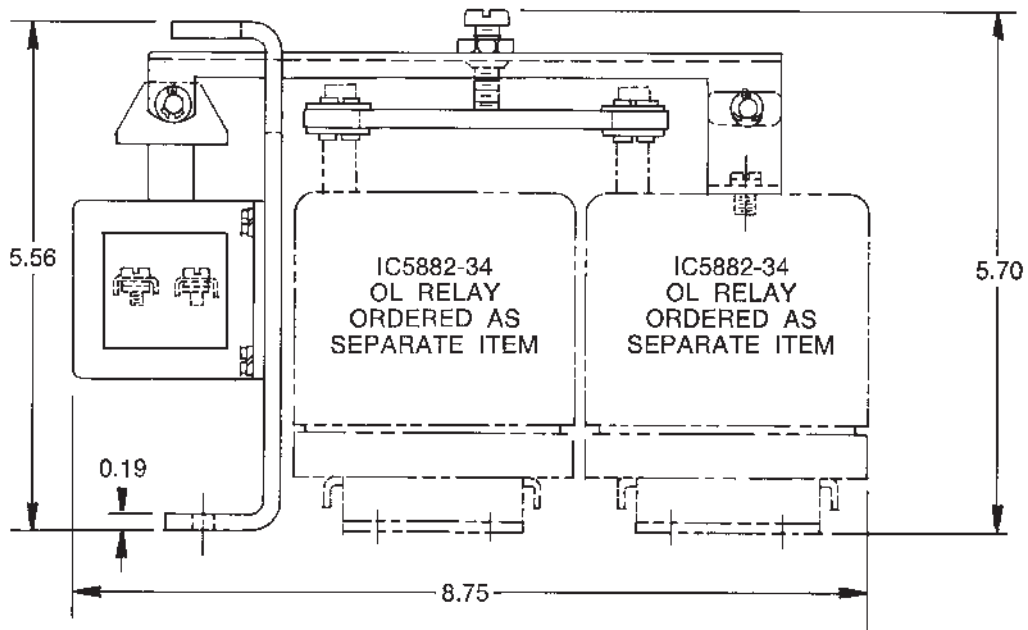
Reset Relays

Type IC5882A300 and IC5882A400

Outline and Mounting Dimensions (In Inches)



WEIGHT = 2 LBS.



TYPE IC5882A300 RESET RELAY