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7012 * * *

TERMINAL BLOCK PART NO.
32650-02

HARDWARE ASSY PART NO.
STANDARD 32694-03
W/K COILS 32694-10
W/L27 COIL 32694-14
W/L7, L21, L22 & L24 COILS 32694-04

PACKAGING ASSY PART NO.
32707-01 (STANDARD)
W/OPTION GZ 32707-06
W/OPTION K
W/OPTION P
W/OPTION U
W/OPTION W
W/OPTION X 32849-01
W/OPTION L
W/OPTION LL
W/OPTION T

| COIL ASSEMBLY (AC) | | | |
|--------------------|-----------------|----------|-------------|
| VOLT. CODE | NOMINAL VOLTAGE | FREQ. HZ | PART NUMBER |
| A | 120V | 60 | 32274-01 |
| B | 240V | 60 | 32274-02 |
| C | 480V | 60 | 32274-03 |
| D | 550V | 60 | 32274-04 |
| E | 24V | 60 | 32274-05 |
| F | 127V | 50 | 32274-06 |
| G | 240V | 50 | 32274-07 |
| H | 12V | 60 | 32274-08 |
| I | 6V | 60 | 32274-09 |
| J | 208V | 60 | 32274-10 |
| K | 120V 240V | 60 | 32274-11 |
| K1 | 120V 240V | 60 | 32274-12 |
| L1 | 12V | 50 | 32274-13 |
| L2 | 24V | 50 | 32274-14 |
| L3 | 48V | 50 | 32274-15 |
| L4 | 380V | 60 | 32274-16 |
| L5 | 208V | 50 | 32274-17 |
| L6 | 380V | 50 | 32274-18 |
| L7 | 120V | 25-400 | 32274-19 |
| L8 | 110V | 60 | 32274-20 |
| L9 | 220V | 60 | 32274-21 |
| L10 | 440V | 60 | 32274-22 |
| L12 | 110V | 50 | 32274-23 |
| L13 | 220V | 50 | 32274-24 |
| L15 | 415V | 50 | 32274-25 |
| L16 | 440V | 50 | 32274-26 |
| L17 | 500V | 50 | 32274-27 |
| L18 | 550V | 50 | 32274-28 |
| L19 | 48V | 60 | 32274-29 |
| L20 | 70V | 60 | 32274-30 |
| L21 | 208V | 25-400 | 32274-31 |
| L22 | 240V | 25-400 | 32274-32 |
| L23 | 32V | 50 | 32274-33 |
| L24 | 440V | 25-400 | 32274-34 |
| L25 | 120V | 60 | 32274-35 |
| L26 | 277V | 60 | 32274-36 |
| L27 | 208V 240V | 60 | 32274-37 |
| L28 | 120V | 60 | 32274-38 |

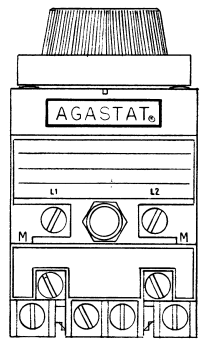
| TIMING ASSEMBLIES | | | |
|-------------------|-------------|---------------------|--------------------|
| TIME CODE | TIME RANGE | TIME COMP. ASSY P/N | TIME HEAD ASSY P/N |
| A | .1-1 SEC. | 32302-01 | 32625-05 |
| B | .5-5 SEC. | 32302-02 | 32625-01 |
| C | 1.5-15 SEC. | 32302-03 | 32625-01 |
| D | 5-50 SEC. | 32302-04 | 32625-01 |
| E | 20-200 SEC. | 32302-05 | 32625-01 |
| F | 1-10 MIN. | 32302-06 | 32625-01 |
| H | 3-30 MIN. | 32302-07 | 32625-01 |
| I | 6-60 MIN. | 32302-08 | 32625-01 |
| J | 3-120 CYC. | 32302-09 | 32625-09 |
| K | 1-300 SEC. | 32302-10 | 32625-01 |

NOTES:
 1. WHEN L7, L21, L22 OR L24 COILS ARE SPECIFIED, SUBSTITUTE TIME HEAD ASSY AS FOLLOWS:
 USE 32625-06 IN PLACE OF 32625-05
 USE 32625-02 IN PLACE OF 32625-01
 USE 32625-10 IN PLACE OF 32625-09 AND TEST PER TP-TRE-05.
 2. DIELECTRIC TEST PER TP-TRE-01.
 3. PERFORMANCE TEST PER TP-TRE-02 (REF. ES-TRE-01 & ES-TRE-02)

| FACTORY INSTALLED OPTIONS | | | |
|---------------------------|---------------------------|-----------------|---------------------|
| OPTION CODE | OPTION * | OPTION PART NO. | OUTLINE & DIM. DWG. |
| A1 | SINGLE Q.C. TERMINALS | 32728-01 | SS-625 |
| A2 | DOUBLE Q.C. TERMINALS | 32729-01 | SS-626 |
| B | PLUG-IN TERMINALS | 32730-01 | SS-627 |
| BC | PLUG-IN & RECEPT. (ST) | 32731-01 | SS-628 |
| BD | PLUG-IN & RECEPT. (Q.C) | 32732-01 | SS-629 |
| GZ | ENCLOSURE, NEMA 2 | 32733-01 | SS-633 |
| I1 | TIME HEAD CAP (BLACK) | 32734-01 | SS-634 |
| I2 | TIME HEAD CAP (CLEAR) | 32734-02 | SS-634 |
| K | EXPL. PROOF ENCLOSURE | 32807-01 | N/A |
| M | DUST TIGHT GASKETS | 32737-01 | SS-631 |
| P | OCTAL PLUG-IN | 32738-01 | SS-630 |
| S | DIAL STOPS | 32741-01 | SS-632 |
| T | AUX. SWITCH T.S. TIMING | 32742-01 | SS-641 |
| U | DUST TIGHT ENCLOSURE | 32744-01 | SS-636 |
| W | WATER-TIGHT ENCL. NEMA 4 | 32745-01 | SS-635 |
| X | PANEL MOUNT | 32748-01 | N/A |
| Y1 | HORIZ. CALIB. W/O X | 32726-01 | N/A |
| Y2 | HORIZ. CALIB. W/COMP.SPG. | 32727-01 | N/A |
| L | AUX.SW. (INST. XFER) | 32739-01 | SS-638 |
| LL | (2) AUX.SW. (INST. XFER) | 32739-03 | SS-638 |

* CAUTION SHOULD BE EXERCISED IN ORDERING (ASSIGNING) MULTIPLE OPTIONS - CONSULT PRODUCT MANAGER FOR VERIFICATION IF NECESSARY.

| FIELD INSTALLATION KITS | | | |
|-------------------------|----------|--------------------------------|----------|
| CATALOG NUMBER | KIT CODE | DESCRIPTION | PART NO. |
| 700062 | I1 | TAMPER-PROOF COVER (BLACK) | 32708-01 |
| 700071 | I2 | TAMPER-PROOF COVER (CLEAR) | 32708-02 |
| 700034 | K | ENCLOSURE, EXPL. PROOF | 32736-01 |
| 700099 | W | ENCLOSURE, WATER-TIGHT, NEMA 4 | 32746-01 |
| 700077 | B | PLUG-IN MOUNTING | 32725-01 |
| 700042 | GZ | ENCLOSURE, NEMA 2 | 32913-01 |
| 700047 | L | AUX. SWITCH (INST. XFER) | 32740-01 |
| 700097 | P | OCTAL PLUG ADAPTER | 32912-01 |
| 700121 | T | AUX. SWITCH (TWO-STEP TIMING) | 32743-01 |
| 700041 | X | PANEL MOUNTING | 32749-01 |
| 700030 | - | SWITCH BLOCK ASS'Y | 32911-01 |
| 700137 | - | PLUG-IN RECEPT. (SCREW TERM.) | 32324-01 |
| 700141 | - | PLUG-IN RECEPT. (Q.C. TERM.) | 32324-02 |
| 700048 | LL | DOUBLE AUX. SWITCH KIT | 32026-01 |



CONFIGURATION CONTROL DRAWING

| | | | | | | | |
|---|-----------|----------|------|---------------------------|------|---------------------|------|
| L 193-009 7-31 K 85-2 1-83 J 82-232 12-82 REV EGO DATE | MATERIAL | FINISH | DATE | DATE | DATE | DATE | DATE |
| | | | | | | | |
| | DRAWN TKG | CHECKED | DATE | DATE | DATE | DATE | DATE |
| | APPROVED | DATE | DATE | DATE | DATE | DATE | DATE |
| DESCRIPTION | | PART NO. | | CONTROL PRODUCTS DIVISION | | AMERAGE CORPORATION | |
| TITLE | | SCALE | | SHEET | | OF | |
| MODEL 7012 TIMING RELAY (AC COIL) | | NONE | | 1 | | 1 | |
| UNLESS SPECIFIED: DECIMALS | | SIZE | | DWG. NO. | | C 32711-99 | |
| | | | | | | XX = .015 XXX = .05 | |