



Certificate of Compliance

Certificate Number: LR 22310-120, -131

Revision: LR 22310-394

Date Issued: November 23, 1998

Issued To: **OMRON ELECTRONICS, INC.**
One East Commerce Dr.
Schaumburg, IL 60173
USA
Attention: Mr. Gilbert R. Guajardo

DEC 04 1998

*The products listed below are eligible to bear the CSA Mark shown,
with adjacent indicator NRTL/C.*



Issued by: **G. Lippa, CET**
Toronto, ON Canada

Signature: _____

PRODUCTS

CLASS 3211 07 - INDUSTRIAL CONTROL EQUIPMENT - Miscellaneous Apparatus

CLASS 3211 87 - INDUSTRIAL CONTROL EQUIPMENT - Miscellaneous Apparatus - CERTIFIED TO U.S. STANDARDS

Solid state time delay relays, open type, Series H3Y, 2- or 4-pole, double throw contacts, max ratings: with suffix "2" rated 5A (resistive), 250V ac and/or 30V dc; with suffix "4" and "4-Z" rated 3A (resistive), 250V ac and/or 30V dc; with suffix "4-CBG" rated 1A (resistive), 220Vac and/or 24V dc; with suffix "U" rated 3A (resistive), 250Vac same polarity only and with suffix "S" (Solid state output) rated 100mA max, 30V dc max. Operating voltage 24 to 240Vac or 12 to 125V dc (Type H3Y-S, 24V dc only).

Solid state time delay relays, open type, Series H3YN, 2- or 4-pole, double throw contacts, max ratings: with suffix "2" rated 5A (resistive), 250V ac and/or 30V dc; with suffix "4" rated 3A (resistive), 250 V ac and/or 30V dc same polarity only. Operating voltage 24, 100 to 120 or 200 to 230V ac 50/60 Hz, 12, 24, 48, 100 to 110 or 125V dc.

The "NRTL/C" indicator adjacent to the CSA Mark signifies that the product has been evaluated to the applicable ANSI/UL and CSA Standards, for use in the U.S. and Canada. NRTL, i.e. Nationally Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognized to perform certification to U.S. Standards.

(3/3)



Certificate No: LR 22310-120, -131

Date: November 23, 1998

Revision: LR 22310-394

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No.	14-95	- Industrial Control Equipment
UL Std No.	508	- Industrial Control Equipment



Certification Record No: 022310 X 0000
Class No: 3211 07
Date: April 2, 1986

- Digital timers, Types H5F, H5FF and H5FK (with suffixes), open types with dust covers, max ratings: 15A, 125V ac; 10A, 250V ac; operating voltage: 100 to 240V ac, 50/60Hz.
- Digital timer, Type H5S, programmable, open type, max ratings: 15A, 125V ac; 10A, 250V ac; operating voltage: 100 to 240Vac, 50/60Hz.
- Digital counter, Type H7AN Series with suffixes, open type, 8 digit max, rating: input, 24 or 100 to 240V ac, 50/60Hz and 12 to 24, 48 or 100V dc, output, 3A res, 250V ac max or 100mA max, 30V dc max.
- Digital counter, Types H7BS and H7BR, open type with dust cover, max ratings: 2-pole relay contacts, 3A, 250V ac, solid state, 0.1A, 30V dc, operating voltage 12 to 24 or 100 to 240V ac, 50/60Hz, 12 to 24V dc.
- Digital counter, Type H7CN Series, open type, 4 digit, max ratings: input, 24V ac or dc, 100 to 240V ac, 50/60Hz, 12 to 48V dc or 110/110V dc; output, relay contact 3A, 250V ac max, solid state output, 100mA, 30V dc max.
- Digital counter, Type H7CS-8, -11 and Type H7CR-8, -11 series, open type, max ratings: 100 to 240V ac or 12-24V dc/24V ac, 50/60Hz; output, relay contact 3A, 250V ac max general use, solid state output, 100mA, 30V dc max.
- Digital counters, Types H7EC (totalizing) and H7ET (time counters) with suffixes, open types, operating voltage 6 to 240V 50/60Hz or dc.
- Digital counter, Type H7M-T (with suffixes), open type with dust cover, 4- or 6-digit LED readout, input: 100V ac, 50/60Hz or 200V ac, 50/60Hz, no output rating.
- Solid state timers, Types H5A and H5B with suffixes, open type, input, 50/60Hz, 240V ac, max; output 250V ac, 2A (resistive) max.
- Solid state timers, Type H3D (blank or with suffixes), open type, input 50/60Hz 240V ac max, 125V dc max, 24 to 240V ac/dc (for H3DX only); output 250V ac, 5A (resistive) max, 240V ac/dc, 1A max, (solid state output for H3DX only).
- Time delay relays, Types H3M and H3M-H (with one instantaneous contact), solid state operated, open type, 2-pole, double throw contact, max ratings: with Suffix "UA" or "US" 3A (resistive), 250V ac; without Suffix "UA" or "US", 5A resistive, 250V ac; operating voltage 24 to 240V ac or 12 to 125V dc.
- Time delay relays, Series H3Y open type, 2- or 4-pole, double throw contacts, max ratings: with Suffix "2", 5A, (resistive), 250V ac, with Suffix "4" and "4-Z", 3A (resistive), 250V ac, with Suffix "4-CBG", 1A (res), 220V ac, with Suffix "U", 3A (resistive), 250V ac same polarity only and with Suffix "S" (solid state output), 30V dc max, 100mA max, operating voltage 24 to 240V ac or 12 to 125V dc. (Type H3Y-S - 24V dc only).
- Solid state time delay relays, open type, Series H3YN, 2- or 4-pole, double throw contacts, max ratings: with suffix "2" rated 5A (resistive), 250V ac; with suffix "4" rated 3A (resistive), 250V ac same polarity only. Operating voltage 24, 100 to 120 or 200 to 230V ac 50/60Hz, 12, 24, 100 to 110 or 125V dc.
- "Miny Timer", Type SYD, adjustable, open type, multi-circuit timer, synchronous motor driven, relay contact max ratings, 10A, 150V ac, operating voltage 24 through 127V ac.
- Timers, Types SYS and SYS-C, open-type, for panel mounting, input 250V max, 50 or 60Hz, 6VA; contacts 250V ac max, 2A inductive, 6A non-inductive.
- Timers, Type STP, open-type, for panel mounting, input 240V ac max, 50 or 60Hz, 6va, contacts 220V ac max, 1A inductive, 3A non-inductive.
- Time delay switches, Type H2A, open type, motor operated, max rating: 250V ac, 5A (resistive), operating voltage 24 to 240V ac.