



File E237557

Vol 1

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FOLLOW-UP SERVICE PROCEDURE
(TYPE R)

CONVEYORS
(EJJR, EJJR7)

Manufacturer: SEE ADDENDUM FOR MANUFACTURING LOCATIONS

Applicant: GE INVISION INC
(100036-030) 7151 GATEWAY BLVD
NEWARK CA 94560

Listee: SAME AS APPLICANT
(100036-030)

This Procedure authorizes the above manufacturer to use the marking specified by Underwriters Laboratories Inc.(UL), or any authorized licensee of UL, only on products covered by this Procedure, in accordance with the applicable UL Services Agreement.

The prescribed Mark or Marking shall be used only at the above manufacturing location on such products which comply with this Procedure and any other applicable requirements.

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Underwriters Laboratories Inc.

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LOCATION

(100028-469) MASS PRECISION SHEETMETAL INC
2960 COPPER RD
SANTA CLARA CA 95051

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Model Number	Section	Report Date	USL	CNL
*106442-x, 106451-x, 106444-x, 106452-x x – represents any number from 2 to 9	1	2003-10-10	X	X

Note - USL - Indicates Investigation to United States Standards

CNL - Indicates Investigation to Canadian National Standards

DESCRIPTION

PRODUCT COVERED:

Conveyor System

USL, CNL	Model	Volts V	Frequency Hz	Amps A	Watts W
*USL, CNL	106442-x (Incline In-Feed Ramp)	120	60	7.5	---
*USL, CNL	106451-x (Flat In-Feed Ramp)	120	60	7.5	---
*USL, CNL	106444-x (Incline In-Feed Ramp)	120	50	9.25	---
*USL, CNL	106452-x (Flat In-Feed Ramp)	120	50	9.25	---

x - Represents any number from 2 to 9

ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVES USE):

Products designated USL have been investigated using requirements contained in the Proposed Draft of the Standard for Electric Conveyors, Subject **1098, UL 73 Motor-Operated Appliances, and ANSI/ASME B20.1-2006 Safety Standard for Conveyors and Related Equipment.**

Products designated CNL have been investigated using requirements contained in the Standard for Motor Operated Appliances (Household and Commercial), CAN/CSA C22.2 No. 68-92.

This subsystem is an independent pre-conveyor which is intended to feed luggage to the CTX scanning machine and is controlled through the CTX. The power is supplied by the CTX machine and is protected with a 10 A fast acting fuse.

MARKING:

See "Section General" in addition to the following:

Maximum Load Rating – 70 lb nominal/ 95 lb. maximum

Maximum Speed - 2 ft/sec

Center-line Length – 77.5 inches

Maximum Ampere Rating (of the overcurrent-protective device) - 10 A

INSTRUCTION MANUAL:

See Test Reference ILL. 1.

III. 1 - Overall Unit

No.	UL CCN	Component	Manufacturer	Part No. / Rating / Comment	Agency App.
1	JZCZ	Power Cord (two provided)	Listed and CSA or C-UL Certified Company	3-conductor, Type SJT, min 16 AWG. Rated min 300 V, min 60 °C. Min 6 feet long.	UL, CSA
2	AXUT	Attachment Plugs (two provided)	Listed and CSA or C-UL Certified Company	Rated min. 125 V, 10 A. NEMA 5-15P configuration.	UL, CSA
3	---	Frame	---	Steel	
4	---	Side Covers	---	Steel mesh. Secured to frame by magnets and screws.	
5	---	Belt	---	2-ply polyester	
6	---	Pulleys	---	Steel. Two provided.	
7	---	Feet	---	3/4-10 UNC grade 5 hex head bolt with steel foot pad	
8	WOYR 2	Stop Switch	Oslo Switch Inc.	Cat. No. SMP2, rated 10 A, 250 Vac.	UL, CSA
9	PRGY2	Motor	U.S. Electrical Motors	Model C55EGY-3744 Rated 7.6 A, 115 V, 1/2 Hp, Insul Class B.	UL, CSA
10	AVLV2	Motor Wiring	LAPP U I GMBH	Type 190 CY Rated 600 V, min. 16 AWG	UL, CSA
11	QCRV	Cord Bushing	Thomas & Betts Corp.	Type 2531	UL, CSA
12	NKCR2	Optical Sensors	Banner Engineering	Type SE61E	UL, CSA
13	AVLV2	Control Cables	Alpha Wire Corp.	Type 5054C, Style 2464, 300V	UL, CSA
14	OOIX	Indicator Light	Lighting Components and Design Inc.	Type 32 Rated 125V, 1/3W	UL, CSA

III. 2 - Relay Box

No.	UL CCN	Component	Manufacturer	Part No. / Rating / Comment	Agency App.
15	---	Box	---	Steel, 1.3 mm thick. Provided with cover.	
16	QQGQ2	Power Supply	Power One Inc.	HAD12-0.4-A Output 12 V, 0.4 A	UL, CSA
17	ZPMV2	Printed Wiring Board	Recognized Company	Rated 94V-0, 1.6 mm thick.	UL
18	NRNT	Current Sensor	F.W. Bell Inc.	Type CS-150	UL, CSA
19	RTRT	Receptacle	Listed and CSA or C-UL Certified Company	Rated min. 15 A, 125 Vac NEMA 5-15R configuration	UL, CSA
20	XCFR2	Terminal Block	Cinch Connectors	Type 3-141 Rated 20 A, 250 Vac	UL, CSA
21	AVLV2	Internal Wiring	Recognized and CSA or C-UR Certified Company	Rated min. 300 V, 60°C Power Leads: 16 AWG Control Circuit Leads: 22 AWG	UL, CSA
22	ZMVV	Connectors	Listed and CSA or C-UL Certified Company	See Sec. Gen.	UL, CSA
23	ECBT2	Power Cord Twist Lock Receptacle	Tyco Elec. Corp.	CPC Series 3 Type 206036-2 Rated min. 600 V, 105°C	UL
24	ECBT2	Power Cord Twist Lock Plug	Tyco Elec. Corp.	CPC Series 3 Type 206037-2 Rated min. 600 V, 105°C	UL
25	ECBT2	Control Circuit Twist Lock Plug	Tyco Elec. Corp.	CPC Series 1 Type 206060-1 Rated min. 600 V, 105°C	UL
26	ECBT2	Control Circuit Twist Lock Receptacle	Tyco Elec. Corp.	CPC Series 1 Type 206061-1 Rated min. 600 V, 105°C	UL
27	NLDX	Relay	NTE Electronics Inc.	R55-11D20-12F 20 A, 12 Vdc, DPDT	UL
28	JDYX	Minature Fuse	Listed and CSA or C-UL Certified Company	Rated 2 A, 250 Vac	UL, CSA

III. 4 - Control Box

No.	UL CCN	Component	Manufacturer	Part No. / Rating / Comment	Agency App.
29	---	Enclosure	---	Coated steel, 2.0 mm thick. Provided with cover.	
30	NRNT	Solid State Relay	Magnacraft	W6210DSX-1 Rated 240 Vac, 10 A	UL, CSA
31	NLDX2	Magnetic Relay	Idec Izumi Corp.	RH2B-U Rated 240 Vac, 1/3 Hp, DPDT	UL, CSA
32	SWIV2	Relay Socket	Idec Izumi Corp.	SH2B-05C Rated 300 V, 10 A	UL, CSA
33	XCFR2	Grounding Terminal Block	Phoenix Contact GMBH	USLKG4	UL, CSA
34	XCFR2	Terminal Block	Phoenix Contact GMBH	UK10 300 V, 65 A	UL, CSA
35	QCRV	Cord Bushing	Hummel Metall-Und	Type NTP1/2	UL, CSA
36	AVLV2	Internal Wiring	Recognized and CSA or C-UR Certified Company	Rated min. 300 V, 60°C Power Leads: 16 AWG Control Circuit Leads: 22 AWG	UL, CSA
37	ECBT2	Power Cord Twist Lock Receptacle	Tyco Elec. Corp.	CPC Series 3 Type 206036-2 Rated min. 600 V, 105°C	UL
38	ECBT2	Power Cord Twist Lock Plug	Tyco Elec. Corp.	CPC Series 3 Type 206037-2 Rated min. 600 V, 105°C	UL
39	ECBT2	Control Circuit Twist Lock Plug	Tyco Elec. Corp.	CPC Series 1 Type 206060-1 Rated min. 600 V, 105°C	UL
40	ECBT2	Control Circuit Twist Lock Receptacle	Tyco Elec. Corp.	CPC Series 1 Type 206061-1 Rated min. 600 V, 105°C	UL

ATTACHMENTS:

FIGURES:

For Reference use only, if marked	FIG NO.	
	1	Overall View Incline In-Feed Ramp
	2	Overall View - Flat In-Feed Ramp

ILLUSTRATIONS:

For Reference use only, if marked	All dimensions are critical	ILL NO.	
		1	Overall of Incline In-Feed Ramp
		2	Relay Box Assembly
		3	Relay Box Layout
		4	Control Box Layout
*		5	106442 Marking Label
*		6	106451 Marking Label
*		7	106444 Marking Label
*		8	106452 Marking Label
		9	Cable Layout
X		10	Control Box Schematic
X		11	Relay Box Schematic