Subject: BENEDIKT+JAGER RELAYS - HORIZONTALLY MOUNTED

Sent to: Elevator Contractors (Scope U1, L1, F1 & Consultants)

1. **INTRODUCTION**

1.1 In the past, a series of accidents or incidents occurred, when elevators moved with doors open. Investigations revealed, that a dislodged screw, washer or a short strand of wire had shorted two unrelated contacts on horizontally mounted relays rendering the safety circuit inoperative and allowing the car to move with doors open. This foreign material had fallen from components located above the horizontally mounted relays.

Contractors were informed about this hazard with Director’s Ruling #82/90 in relation to horizontally mounted Klockner-Moeller relays on Horn Controllers.

1.2 TSSA inspectors recently identified a similar potential safety hazard on controllers, that are equipped with horizontally mounted “Benedikt+Jager” (Model 6) relays. According to our information, the Benedikt+Jager relays:

(a) are being installed on Anglo-Electromatic and Horn controllers as a replacement for Klockner-Moeller relays, and
(b) might be found on controllers of other makes, and
(c) are illustrated on the reverse of this Bulletin

1.3 The following order is issued in accordance with Subsection 10(8) of the Elevating Devices Act.

2. **ORDER TO CONTRACTORS**

2.1 Contractors shall examine all elevator installations under their maintenance, that are equipped with controllers incorporating horizontally mounted “Benedikt+Jager” (Model 6) relays and determine, if the potential for occurrences described in 1.1 exists.

Necessary repairs or changes shall be carried out in order to ensure that a dislodged screw or any other foreign object falling on the relay terminals cannot create an unsafe condition.

2.2 If the required work does not constitute a part of your maintenance contract, and you cannot obtain authorization from the owner to complete the work, you shall inform this office immediately, indicating the elevator installation numbers (to the attention of Mr. John Murphy, re. Safety Alert #136/98), so that we may issue an order to the owner to have the work completed.

C.E. Vlahovic, Chief Engineer J. Murphy, Chief Inspector
Dislodged screw, washer or wire strands may drop and short exposed contacts

B & J
BENEDIKT & JÄGER
RELAYS