

Demko Certificate

Product: Electrical emergency stop device
Manufacturer: Idec Izumi Corporation, 7-31 Nishimiyahara 1-Chome, Yodogawa-Ku, Osaka 532-8550, Japan
Production site: Idec Izumi Corporation, Kyoto Plant, 20 Ohari, Kohtari, Nagaokakyo-Shi, Kyoto 617-0833, Japan
Certified by request of: Idec Izumi Corporation, 7-31 Nishimiyahara 1-Chome, Yodogawa-Ku, Osaka 532-8550, Japan
Trademark: Idec
Model/Type ref.: HA1E Series (See the appendix)
Rated current or power: 1.5 A AC; 0.22 A DC
Rated voltage: 250 V AC; 125 V DC
Insulation Class:
Degree of protection: IP 65

A sample of the product has been tested and found in conformity with EN 60947-5-5:1997 + EN 60947-5-1:97 + A1:99 + A12:99 + A11:97 + A2:00 and EN 60947-1:97 + A1:98 + A2:98, as shown in the Test Report with ref. No. 123952-02.

Furthermore, the product complies with the national deviations in Denmark.

Date of expiry: 2011-04-06.

This certificate replaces the certificate No. 123952 PL, dated 1998-04-15.

Attention should be made to the conditions mentioned in the covering letter to this certificate.

UL International Demko AIS is a body notified to the Member States and Commission of the European Communities according to the provisions of Article 8 of the Low Voltage Directive.

The Manufacturer complies with the Production Surveillance Requirements.

Products included in this certificate are allowed to carry the registered approval marks of UL International Demko AIS, ® or for cables <DEMKO>. The name of UL International Demko AIS can be used in the marketing of the products as well.

This certificate is only valid for products, which are identical to the certified product, and manufactured at the above mentioned production site(s). UL International Demko AIS has to be informed in writing about any changes, in accordance with the "UL International Demko AIS Standard Terms and Conditions" for UL International Demko AIS services.

Herlev, 2001-04-06



Steen Lumby
Certification Manager



UL International Demko A/S

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Appendix to Demko Certificate No. 123952-02

The certificate covers the following:

Switching element type HA1B Series

Pushlock turn reset operated electrical emergency stop device
Normal closed 1 or 2 poled contacts, with 2 positions.
In thermoplastic enclosure

Ratings: HA1E Series AC-15 1.5 A, 250 V AC
 DC-13 0.22 A, 125 V DC

All with PWB or solder terminals, for internal wiring
Rated insulating voltage: 250 V
Rated conventional enclosed / free air thermal current: 10 A
Pollution degree: 3
Degree of protection: IP 65
CTI, comparative tracking index: 175 V
Material group: IIIa
Rated conditional short-circuit current: 1.0 kA
Rated short-circuit protective devices: 10 A, 250 V fuse; type D01 lent.

Complete Product:

HA 1 E - V 2 S 1 V R
1 2 3 4 5 6 7 8 9

- 1) Series HA
- 2) Bezel Shape: 1 --- Round
- 3) Configuration: E --- Short body type for Emergency stop switch
- 4) Function: V --- Push lock - turn reset
- 5) Operator Shape: 2 --- Extended
 3 --- Jumbo mushroom
- 6) Applicable Switch Unit: S --- HA-S Series
- 7) Contact Type: 1 --- 1 Normally closed contact
 2 --- 2 Normally closed contacts
- 8) Terminal Configuration: None --- For Solder / Tab terminal
 V --- For Printed wiring board
- 9) Button Colour: R --- Red

Herlev, 2001-04-06



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