



EC Declaration of Conformity

We hereby declare that the following product is in conformity with the requirements of the following EC Directives:

Product: Type A165E series
Emergency stop pushbutton switch with Directive opening action

No. of Directive : 2006/42/EC including amendments

Title of Directive : Machinery Safety Directive

This product is designed and manufactured in accordance with the following standards :

Machinery safety : EN60947-5-1: 2004
EN60947-5-5/A1: 2005

Description of Product

These devices feature direct opening action according to EN60947-5-1 and are intended for safety-related application in machinery.

Year of CE marking : 2002

Manufacturer :

Name : Omron Corporation,
Industrial Automation Company,
Business Development Dept. Safety Division
Address : Shiokoji Horikawa, Shimogyo-ku, Kyoto, 600-8530 Japan


Date : 12. 11, 2009

Signed : 
Yoshinori Matsueda
Manager

Representative in EU:

Name: Omron Europe B.V.
Address: Zilverenberg 2, 5234 GM, 's-Hertogenbosch, The Netherlands

Date: 15. 12, 2009

Signed: 
Hugo Sintnicolaas
European Manufacturing and Quality Manager

List of EC Declaration of Conformity

Type: A165E series

[illegible]

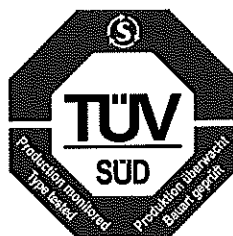


Product Service

CERTIFICATE

No. B 08 03 39656 158

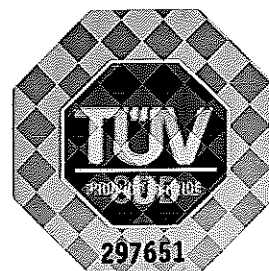
Holder of Certificate: **Omron Corporation**
Shiokoji Horikawa, Shimogyo-ku
Kyoto
600-8530 JAPAN

Certification Mark:

Product: **Emergency switch off**
Emergency Stop Pushbutton Switch

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. The certification mark must not be altered in any way. See also notes overleaf.

Test report no.: 73512459



Date, 2008-03-25

Page 1 of 2



Product Service

CERTIFICATE**No. B 08 03 39656 158****Model(s):****A165E-xx-yyy-zz****I - II - III - IV****I. Basic Type****II. Lighted type or Non-lighted type/Head size****S : Non- Lighted type /30 dia.****LS : Lighted type /30 dia.****M : Non- Lighted type /40 dia.****LM : Lighted type /40 dia.****III. Light source****Blank : Non-lighted****24D : LED 24VDC****IV. Contacts****01 : SPST-NC****02 : DPST-NC****Parameters:****AC: 250VAC / 3A 50-60Hz (AC-12)****DC: 30VDC / 3A (DC-12)****Protection class: II****Protection degree: IP6X****Pollution degree: 3****Overvoltage category: III****Conditional short circuit current: 100A****Electrical: 100000 Cycles****Mechanical: 100000 Cycles****Remark:****When installing/inserting the equipment all requirements of the mentioned test standards must be fulfilled.****Tested
according to:****EN 60947-5-1:2004****EN 60947-5-5/A1:2005****Production
Facility(ies):****23708**



Product Service

CERTIFICATE

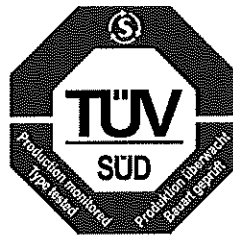
No. B 08 03 39656 159

Holder of Certificate: **Omron Corporation**

Shiokoji Horikawa, Shimogyo-ku
Kyoto
600-8530 JAPAN
23708

**Production
Facility(ies):**

Certification Mark:



Product:

Emergency switch off
Emergency Stop Pushbutton Switch

Model(s):

A165E-x-03U-y
I II III IV
I. Basic Type
II. Lighted type or Non-lighted type/Head size
S : Non- Lighted type /30 dia.
M : Non- Lighted type /40 dia.
III. Contacts
03U : TPST-NC
IV. Customer Code (Pushbutton Marking)
Blank: Reset
S: Stop
#: Customer Code (6 digit maximum number(s)
and/or letter(s))

Parameters:

AC: 250 VAC / 0,5 A 50-60 Hz (AC-12)
DC: 30 VDC / 1 A (DC-12)
Protection class: II
Protection degree: IP6x
Pollution degree: 3
Overvoltage category: III
Conditional short circuit current: 100 A
Electrical: 100000 Cycles
Mechanical: 100000 Cycles
Remark:
When installing/inserting the equipment all
requirements of the mentioned test standards
must be fulfilled.

Tested according to: EN 60947-5-1:2004
EN 60947-5-5/A1:2005

The product was tested on a voluntary basis and complies with the essential requirements. The
certification mark shown above can be affixed on the product. The certification mark must not be
altered in any way. See also notes overleaf.

Test report no.: 73512462

Date, 2008-03-25

Page 1 of 1





NISD2.E306649 Emergency Stop Devices - Component

[Page Bottom](#)

Emergency Stop Devices - Component

[See General Information for Emergency Stop Devices - Component](#)

OMRON CORP

E306649

SAFETY STANDARDS GROUP

IAB QUALITY & ENVIRONMENT DEPT

SHIOKOJI HORIKAWA, SHIMOGYO-KU

KYOTO, 600-8530 JAPAN

Emergency stop push button switches, Model(s) A165E*.

* - May be followed by L, followed by S or M, may be followed by 24D, followed by 01, 02 or 03U, may be followed by S, may be followed by a ten digit Customer Code consisting of letters and/or numbers.

Marking: Company name, model designation and Recognized Component Mark, .

[Last Updated](#) on 2008-04-17

[Questions?](#)

[Print this page](#)

[Notice of Disclaimer](#)

[Page Top](#)

[Copyright © 2010 Underwriters Laboratories Inc.®](#)

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Listed and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Designs and/or Listings (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from Underwriters Laboratories Inc." must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "Copyright © 2010 Underwriters Laboratories Inc.®"

An independent organization working for a safer world with integrity, precision and knowledge.





NKCR2.E76675 Auxiliary Devices - Component

[Page Bottom](#)

Auxiliary Devices - Component

[See General Information for Auxiliary Devices - Component](#)

OMRON CORP

E76675

SAFETY STANDARDS GROUP
IAB QUALITY & ENVIRONMENT DEPT
SHIOKOJI HORIKAWA, SHIMOGYO-KU
KYOTO, 600-8530 JAPAN

Cord connected proximity switches, Cat. No. E2E followed by X, followed by 5, 10 or 18, may be followed by M, followed by Y, followed by 1 or 2, followed by 53, followed by US.

Cat. No. D4MC followed by 100 thru 599, followed by 0, may be followed by 1 thru 99, CR or CR1 thru CR99, RP, RP1 thru RP99, TC, TC1 thru TC99, may be followed by 2 or 3, may be followed by B1 thru B99, may be followed by C, may be followed by additional letter(s).

Cat. No. E2E-X followed by 2, 5, 10 or 18, with or without M, followed by Y, followed by 1 or 2, with or without 5, followed by M1, M4 or US.

Cat. No. ZC followed by D, D1 thru D99 (except D55), N, N1 thru N99 (except N55), Q, Q1 thru Q99 (except Q55), W or W1 thru W99 (except W55), followed by 55, may be followed by 01, may be followed by 1 thru 99, CR or CR1 thru CR99, RP, RP1 thru RP99, TC, TC1 thru TC99, may be followed by additional letter(s).

Enable switch, Model A4E followed by B or C, followed by 2, followed by 0 or 1, followed by 0, 1 or 2, followed by H, S or V, followed by A or S, may be followed by additional letter(s) and/or number(s).

Limit switch, Type D4E followed by 1 or 3, followed by A, B, C, D, E, F, G, H, J, K or Q, followed by 20, 21, 22 or 25, followed by N, may be followed by MIJ###, where ### is up to a five digit symbol of letter(s) and/or number(s), may be followed by up to six letters and/or numbers.

Door switch, Type D4JL followed by 1, 2, 3 or 4, followed by A through H, J through N or P through R, followed by D or F, followed by A or G, followed by C or D, followed by 5, 6 or 7, followed by N, followed by blank, Y or Z, may be followed by 4 alphanumeric code, may be followed by 6 digit maximum alphanumeric code.

Relay units, Model No. G9SA followed by 3, followed by 0 or 2, followed by 0 or 1, followed by SC, may be followed by additional letter(s) and/or number(s).

Model No. G9SB may be followed by 2 or 3, followed by 0, followed by 0 or 1, may be followed by 0 or 2, may be followed by RT or RC, may be followed by P, may be followed by A, B, C or D, may be followed by additional letter(s) and/or number(s).

Type MKS, followed by 1 or 2, followed by blank or X, followed by T, followed by blank or I, followed by blank or N, followed by -10 or -11, may be followed by additional letters and/or numbers for sales purposes, followed by 24 V AC through 240 V AC or 12 V DC through 220 V DC.

Single phase voltage monitoring relays, Type K8AB followed by VS, VW, followed by 1, 2 or 3, may be followed by J, may be followed by 24VAC, 100/115VAC, 200/230VAC, 24VDC or 24VAC/DC.

Three phase monitoring relays, Type K8AB followed by PH, followed by 1, may be followed by J or L.

Type K8AB followed by PA, PM, PW, followed by 1 or 2, followed by blank, J or TE.

Single phase current monitoring relays, Type K8AB followed by AS, followed by 1, 2 or 3, may be followed by J, followed by 24VAC/DC, 24VDC, 24VAC, 100/115VAC, 200/230VAC, may be followed by additional letter(s) and/or number(s).

Accessory current transformer, K8AC-CT200L.

Relay, Model G7SB followed by 5A1B, 4A2B, 3A1B, and 2A2B, may be followed by additional letters and/or numbers, followed by coil rating.

Accessory switch enclosure, Cat. No. A22Z-B101Y.

Stop push button switch, Type A165E may be followed by L, followed by S or M, may be followed by Y or GR, may be followed by 24D, followed by 01, 02 or 03U, may be followed by S, may be followed by a 10 digit Customer Code consisted of letters and/or numbers.

Pilot lamps, Type M16 followed by T, A or J, followed by a letter, may be followed by 5, 12, 24, 5D, 12D, 24D, T1 or T2, may be followed by P, may be followed by 10 letters and/or numbers.

Type M22R followed by E, followed by R, G, Y, W or A, followed by 6A, 12A, 24A or T2

Indicator socket, Type M16 may be followed by 0, may be followed by P or S, may be followed by additional letters and/or numbers.

Contact block unit, Type A22R followed by 10 or 01.

Lamp unit, Type A22R-T followed by N or 2.

Switch, Type D4SL followed by 1, 2, 3 or 4, followed by A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q or R, followed by F or D, followed by A or G, followed by C or D, may be followed by 4, may be followed by N, may be followed by additional letter(s) and/or number(s).

#-With or without up to six letters and/or numbers.

(+)-When used, indicated that these characters do not duplicate any of the possible character combinations.



Marking: Company name or trademarks and/or and catalog, type or model designation.
Last Updated on 2009-12-29

[Questions?](#)

[Print this page](#)

[Notice of Disclaimer](#)

[Page Top](#)

[Copyright © 2010 Underwriters Laboratories Inc.®](#)

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Listed and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Designs and/or Listings (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from Underwriters Laboratories Inc." must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "Copyright © 2010 Underwriters Laboratories Inc.®"

An independent organization working for a safer world with integrity, precision and knowledge.





NKCR8.E76675 Auxiliary Devices Certified for Canada - Component

[Page Bottom](#)

Auxiliary Devices Certified for Canada - Component

[See General Information for Auxiliary Devices Certified for Canada - Component](#)

OMRON CORP

E76675

SAFETY STANDARDS GROUP
IAB QUALITY & ENVIRONMENT DEPT
SHIOKOJI HORIKAWA, SHIMOGYO-KU
KYOTO, 600-8530 JAPAN

Cord connected proximity switches, Cat. No. E2E followed by X, followed by 5, 10 or 18, may be followed by M, followed by Y, followed by 1 or 2, followed by 53, followed by US.

Cat. No. D4MC followed by 100 thru 599, followed by 0, may be followed by 1 thru 99, CR or CR1 thru CR99, RP, RP1 thru RP99, TC, TC1 thru TC99, may be followed by 2 or 3, may be followed by B1 thru B99, may be followed by C, may be followed by additional letter(s).

Cat. No. E2E-X followed by 2, 5, 10 or 18, with or without M, followed by Y, followed by 1 or 2, with or without 5, followed by M1, M4 or US.

Cat. No. ZC followed by D, D1 thru D99 (except D55), N, N1 thru N99 (except N55), Q, Q1 thru Q99 (except Q55), W or W1 thru W99 (except W55), followed by 55, may be followed by 01, may be followed by 1 thru 99, CR or CR1 thru CR99, RP, RP1 thru RP99, TC, TC1 thru TC99, may be followed by additional letter(s).

Enable switches, Model A4E followed by B or C, followed by 2, followed by 0 or 1, followed by 0, 1 or 2, followed by H, S or V, followed by A or S, may be followed by additional letter(s) and/or number(s).

Type D4E followed by 1 or 3, followed by A, B, C, D, E, F, G, H, J, K or Q, followed by 20, 21, 22 or 25, followed by N, may be followed by MIJ###, where ### is up to a five digit symbol of letter(s) and/or number(s), may be followed by up to six letters and/or numbers.

Door switch, Type D4JL followed by 1, 2, 3 or 4, followed by A through H, J through N or P through R, followed by D or F, followed by A or G followed by C or D, followed by 5, 6 or 7, followed by N, followed by blank, Y or Z, may be followed by 4 alphanumeric code, may be followed by 6 digit maximum alphanumeric code.

Single phase voltage monitoring relay, Type K8AB followed by VS, VW, followed by 1, 2 or 3, may be followed by J, may be followed by 24VAC, 100/115VAC, 200/230VAC, 24VDC or 24VAC/DC.

Three phase monitoring relays, Type K8AB followed by PH, followed by 1, may be followed by J or L.

Type K8AB, followed by PA, PM, PW, followed by 1 or 2, followed by blank, J or TE.

Single phase current monitoring relays, Type K8AB followed by AS, followed by 1, 2 or 3, may be followed by J, followed by 24AC/DC, 24VDC, 24VAC, 100/115VAC, 200/230VAC, may be followed by additional letter(s) and/or number(s).

Accessory current transformer, K8AC-CT200L.

Relays, Model G7SB, followed by 5A1B, 4A2B, 3A1B, and 2A2B, may be followed by additional letters and/or numbers, followed by coil rating.

Type MKS followed by 1 or 2, followed by blank or X, followed by T, followed by blank or I, followed by blank or N, followed by -10 or -11, may be followed by additional letters and/or numbers for sales purposes, followed by 24 V AC through 240 V AC or 12 V DC through 220 V DC.

Accessory switch enclosure, Cat. No. A22Z-B101Y.

Stop push button switch, Type A165E may be followed by L, followed by S or M, may be followed by Y or GR, may be followed by 24D, followed by 01, 02 or 03U, may be followed by S, may be followed by a 10 digit Customer Code consisted of letters and/or numbers.

Pilot lamps, Type M16 followed by T, A or J, followed by a letter, may be followed by 5, 12, 24, 5D, 12D, 24D, T1 or T2, may be followed by P, may be followed by 10 letters and/or numbers.

Type M22R followed by E, followed by R, G, Y, W or A, followed by 6A, 12A, 24A or T2

Indicator socket, Type M16 may be followed by 0, may be followed by P or S, may be followed by additional letters and/or numbers.

Switch, Type D4SL followed by 1, 2, 3 or 4, followed by A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q or R, followed by F or D, followed by A or G, followed by C or D, may be followed by 4, may be followed by N, may be followed by additional letter(s) and/or number(s).

Marking: Company name or trademarks **OMRON** and/or **SU**, catalog, model or type designation and the Recognized Component Mark for Canada .
Last Updated on 2009-12-29

[Questions?](#)

[Print this page](#)

[Notice of Disclaimer](#)

[Page Top](#)

[Copyright © 2010 Underwriters Laboratories Inc.®](#)

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Listed and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Designs and/or Listings (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from Underwriters Laboratories Inc." must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "Copyright © 2010 Underwriters Laboratories Inc.®"

An independent organization working for a safer world with integrity, precision and knowledge.



OMRON AUTOMATION AND SAFETY • THE AMERICAS HEADQUARTERS • Chicago, IL USA • 847.843.7900 • 800.556.6766 • www.omron247.com

OMRON CANADA, INC. • HEAD OFFICE

Toronto, ON, Canada • 416.286.6465 • 866.986.6766 • www.omron247.com

OMRON ELECTRONICS DE MEXICO • HEAD OFFICE

México DF • 52.55.59.01.43.00 • 01-800-226-6766 • mela@omron.com

OMRON ELECTRONICS DE MEXICO • SALES OFFICE

Apodaca, N.L. • 52.81.11.56.99.20 • 01-800-226-6766 • mela@omron.com

OMRON ELETRÔNICA DO BRASIL LTDA • HEAD OFFICE

São Paulo, SP, Brasil • 55.11.2101.6300 • www.omron.com.br

OMRON ARGENTINA • SALES OFFICE

Cono Sur • 54.11.4783.5300

OMRON CHILE • SALES OFFICE

Santiago • 56.9.9917.3920

OTHER OMRON LATIN AMERICA SALES

54.11.4783.5300

OMRON EUROPE B.V. • Wegalaan 67-69, NL-2132 JD, Hoofddorp, The Netherlands. • +31 (0) 23 568 13 00 • www.industrial.omron.eu

Authorized Distributor:

Automation Control Systems

- Machine Automation Controllers (MAC) • Programmable Controllers (PLC)
- Operator interfaces (HMI) • Distributed I/O • Software

Drives & Motion Controls

- Servo & AC Drives • Motion Controllers & Encoders

Temperature & Process Controllers

- Single and Multi-loop Controllers

Sensors & Vision

- Proximity Sensors • Photoelectric Sensors • Fiber-Optic Sensors
- Amplified Photomicrosensors • Measurement Sensors
- Ultrasonic Sensors • Vision Sensors

Industrial Components

- RFID/Code Readers • Relays • Pushbuttons & Indicators
- Limit and Basic Switches • Timers • Counters • Metering Devices
- Power Supplies

Safety

- Laser Scanners • Safety Mats • Edges and Bumpers • Programmable Safety Controllers • Light Curtains • Safety Relays • Safety Interlock Switches