



Product Service

CERTIFICATE

No. B 040393 0043 Rev. 01

Holder of Certificate: **Euchner GmbH + Co. KG**

Kohlhammerstr. 16
70771 Leinfelden-Echterdingen
GERMANY

Certification Mark:



Product:

Switches
Emergency Stop Switches

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. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 73583551-08

Valid until: 2028-12-13

Date, 2025-09-09


(Shigehisa Ishikawa)

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Model(s): ES-XA1E, ES-XW1E, ES-XN Series

Nomenclature:

ES-XW1E-(1)V(2)(3)(4)(5)(6)(7)(8)-(9)-(10)

(1) Function (may be followed)	B: Non-illuminated L: Illuminated T: Illuminated (Linked to operation)
(2) Button size (may be followed)	4: ø 40 4T: ø 38 (Round form type) 5: ø 60
(3) Color for Body of Button (may be followed)	None: Yellow G: Green
(4) Number of NO contact (may be followed)	0 to 3
(5) Number of NC contact (may be followed)	1 to 4
(6) LED rated voltage (may be followed)	None: Non-illuminated Q4: AC/DC 24 V Q3: AC/DC 12 V Q2: AC/DC 6 V Q1: DC 5 V
(7) Terminal form (may be followed)	None: Solder terminal V: PCB terminal M: Screw terminal MF: M3 Screw terminal with terminal cover, XW9Z-VL2MF
(8) Button color (may be followed) *:: may be followed by letters and/or numbers	R or R-EMO*: Red RH or RH-EMO*: Bright Red N: Grey, Y: Yellow, B: Black W: White, S: Blue, G: Green
(9) Connection (may be followed) *:: Letters and/or numbers	None: Without Connector PWB BC*: With Connector on PWB (Ui=250 V) BC: With Connector on PWB (Ui=125 V)
(10) Additional letters and/or numbers (may be followed)	Manufacturer control number

ES-XA1E-(1)V(2)(3)(4)(5)(6)(7)(8)(9)(10)

(1) Function (may be followed)	B: Non-illuminated L: Illuminated
(2) Button size (may be followed)	3: ø29 4: ø40 3T: ø30, Round Form Type 4T: ø40, Round Form Type

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(3) Body Structure (may be followed)	None: Separate-body type U: Uni-body type
(4) Number of NO contact (may be followed)	0 to 3
(5) Number of NC contact (may be followed)	1 to 4
(6) Protection (may be followed)	None: IP65 K: IP40
(7) LED rated voltage (may be followed)	None: Non-Illuminated Q4: AC/DC 24 V Q3: AC/DC 12 V Q2: AC/DC 6 V Q1: DC 5 V
(8) Terminal form (may be followed)	None: Solder terminal V: PCB terminal T: Tab terminal
(9) Button color (may be followed) *: may be followed by letters and/or numbers	R or R-EMO*: Red RH or RH-EMO*: Bright Red RM: Red (Arrow-marked Button of Round Form type for Illuminated type), or Bright Red (Arrow-marked Button of Round Form type for Non-Illuminated type) N: Grey, Y: Yellow, B: Black W: White, S: Blue, G: Green
(10) Additional letters and/or numbers (may be followed)	Manufacturer control number

ES-XN(1)E-(2)(3)(4)(5)(6)(7)(8)(9)-(10)-(11)

(1) Bezel shape (may be followed)	1: Round, plastic type 4: Round, metal type 5: Round, Flat Bezel, metal type
(2) Function (may be followed)	B: Non-illuminated L: Illuminated T: Illuminated (Linked to Operation)
(3) Operation (may be followed)	L: Pushlock turn reset, Padlock type D: Pushlock turn reset, Indicator type V: Pushlock turn reset or Pull reset
(4) Button size (may be followed)	4: ø40 (pushlock turn reset, or Pull reset type) or ø44 (pushlock turn reset, Padlock type and Indicator Type) 5: ø60
(5) Number of NO contact (may be followed)	0 to 3
(6) Number of NC contact (may be followed)	1 to 4

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(7) LED rated voltage (may be followed)

None: Non-Illuminated

Q4: AC/DC 24 V

Q3: AC/DC 12 V

Q2: AC/DC 6 V

Q1: DC 5 V

(8) Terminal form (may be followed)

None: Solder terminal

V: PCB terminal

M: M3 Screw terminal

MF: M3 Screw terminal with terminal cover,
Type XW9Z-VL2MF

(9) Button color (may be followed)

*: may be followed by
letters and/or numbers

R or R-EMO*: Red

RH or RH-EMO*: Bright Red

N: Grey, Y: Yellow, B: Black

W: White, S: Blue, G: Green

(10) Connection (may be followed)

*: letters and/or numbers

None: without connector PWB

BC*: with connector on PWB (Ui=250V)

BC: with connector on PWB (Ui=125V)

(11) Additional letters and/or numbers
(may be followed)

Manufacturer control number

Parameters:

Contacts:

1-4 NC, 0-3 NO, Total 4 contacts max.

1NO for LED (rated 24V AC/DC max.)

may be provided

Rated voltage, Rated current:

250V AC, 1.5A (125V AC, 1.5A Connector Type (BC))

30V DC, 1A

Utilization Category:

AC-15, DC-13

Degree of Protection:

IP65 (Panelfront)

IP40 (Panelfront)

IP20

(Terminal with terminal cover, type XW9Z-VL2MF)

Mechanical durability:

250,000 operations (900 operations/hour)

Electrical durability:

100,000 operations (900 operations/hour)

Reinforced insulation:

Live parts – Bezel (Type ES-XN4E and ES-XN5E)

Remark:

When installing / inserting the equipment, all requirements
of the mentioned test standard must be fulfilled.

Tested according to: EN 60947-5-5:1997/A2:2017