Product Service

C E R T I F I C A T E

No. B 040393 0043 Rev. 00

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 and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 73583551-07

Valid until: 2025-09-26

Date, 2021-07-07

(Shigehisa Ishikawa)

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TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

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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-XN1E-(1)V(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)	R or R-EMO*: Red
*: may be followed by	RH or RH-EMO*: Bright Red
letters and/or numbers	N: Grey, Y: Yellow, B: Black
	W: White, S: Blue, G: Green
(10) Connection (may be followed)	None: without connector PWB
*: letters and/or numbers	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 XN4E and 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

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