

CERTIFICATE OF COMPLIANCE

Certificate Number 20170502 – E39281
Report Reference E39281 – 19980205
Issue Date 2017-May-02

Issued to: SCHNEIDER ELECTRIC INDUSTRIES SAS
35 Rue Joseph Monier
92500 Rueil Malmaison, FRANCE

**This is to certify that
representative samples of**

Auxiliary Devices
(See Addendum For Additional Model Information.)

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety:
Additional Information:

ANSI/UL 508, "Industrial Control Equipment,"
See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Addendum –

Push buttons and pilot lights (16 mm line), Cat. No. XB6, followed by A, C or D, followed by A, D, E, F, G, K, S, V or W, followed by three or four numbers and/or letter suffixes, may be followed by a letter.

Contact blocks, Cat. No. ZB6, followed by E or Z, followed by 1 or 2, followed by B or E.

Pilot light blocks, Cat. No. ZB6, followed by E or Z, followed by B, G, M or H, followed by one digit, followed by B.

Illuminated push button/selector blocks, Cat. No. ZB6, followed by Z, followed by B, G, M or H, followed by a two digit number, followed by B or E.

Operating heads, Cat. No. ZB6, followed by A, C or D, followed by a letter, followed by one digit or one letter, may be followed by 1 through 7. Cat. No. ZB6-AS followed by a three digit number.

Accessory kits, Cat. No. ZB6-Y, followed by a three digit number.

General:

These devices are 16 mm pilot lights, illuminated push buttons, push buttons and selector switches. Devices are provided with tabs for quick-connect terminals 2.8 by 0.5 mm or soldering pins.

Rating:

Contact blocks - B300, R300.

In addition, these contact blocks meet the IEC 947-5-1 requirements for direct opening contact when protected with a Bussmann KTK-R6 fuse.

Pilot lights

- LED type 12-24 V ac/dc. 48-120 V ac, 230 V ac
- Neon type (+) 110 or 230 V ac
- Incandescent type (+) 24 V maximum, 0.6 W maximum

(+) - Bulbs Type Bi Pin T1 1/4.

The operators are rated Type 4, 4X and 13.



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NOMENCLATURE:

They are designated as follows:

A. Complete Devices

XB6	D	W	3	B	1	B
I	II	III	IV	V	VI	VII

I - Complete device 16 mm diameter line

II - Shape of bezel

A - Round
C - Square
D - Rectangular

III - Function

A - Flush push button
D - Selector switch
E - Illuminated projecting push button
F - Illuminated flush push-push button
G - Key switch
V - Pilot light
W - Illuminated flush push button
K - Illuminated selector switch

IV - Color

1 through 6 gives the color of the lens or cap

Key function:

A through T gives the type of operation and the position to remove the key

V - Voltage for pilot light and illuminated push button

B - LED 12-24 V
G - 120 V
M - 230 V
H - Direct 6 up to 24 V



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Contact configuration to push button and key switch only:

1 through 9 gives the type and the number of contacts

Position for selector switch:

2 through 7 gives the position and type of operation of the handle

VI - Connection type option for pilot light, pushbutton and key switch

B - Tin plated tab
E - Tin plated tab + golden contact

Contact configuration for illuminated push button and selector switch only

1 through 9 gives the type and the number of contacts

VII - Connection type + option for illuminated push button and selector switch only

B - Tin plated tab
E - Tin plated tab + golden contact

A1 - Trigger action emergency stop mushroom head pushbutton

XB6-AS	8	34	9B
I	II	III	IV

I - Complete emergency stop device

II - Type of release

8 - Turn to release
9 - Key release

III - 34 - 30 mm diameter, red

IV - Number and type of contact

9B - 1 NO and 2 NC, tin plated tab



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B. Electrical Subassemblies

ZB6	7	B	1	1	B
I	II	III	IV	V	VI

I - 16 mm diameter line sub-unit

II - Base

Z - With
E - Without

III - Supply voltage for illuminated device

B - LED 12-24 V
G - 120 V
M - 230 V
H - Direct 6 up to 24 V

or contact configuration (for contact sub-unit)

1 - 1 NO
2 - 1 NC
3 - 2 NO
4 - 2 NC
5 - 1 NO + 1 NC
6 - 3 NO
7 - 3 NC
8 - 2 NO + 1 NC
9 - 2 NC + 1 NO

IV - Color for pilot light

0 through 6

or connection type + option (for contact element only)

B - Tin plated tab
E - Tin plated tab + golden contact



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V - Type and number of contact (for illuminated push button)

1 through 5

or connection type (for pilot light)

B - Tin plated tab

VI - Connection type + option (for illuminated push button)

B - Tin plated tab

E - Tin plated tab + golden contact

Cat. No. ZB6-E appears on the product and the packaging, Cat. No. ZB6-Z appears on the packaging only.

C. Operating Head

ZB6	D	D	4	3
I	II	III	IV	V

I - Sub-unit 16 mm diameter line

II - Shape of bezel

A - Round

C - Square

D - Rectangular

III - Function

A - Flush push button

D - Selector

E - Illuminated projecting push button

F - Illuminated flush "push-push" push button

G - Key switch

K - Illuminated selector switch

V - Pilot light

W - Illuminated flush push button



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IV - Color

- 1 - White
- 2 - Black
- 3 - Green
- 4 - Red
- 5 - Yellow
- 6 - Blue
- 0 - Without
- 9 - Without + all color caps

or position for key switch

A through T gives the type of operation and position to remove the key

V -

- Position to selector switch
- 2 - 2 position stay put
- 3 - 3 position stay put
- 4 - 2 position, spring return
- 5 - 3 position, spring return from left and right
- 6 - 3 position, one spring return from right
- 7 - 3 position, one spring return from left
- 8 - 2 positions, stay from left and right
- or special key
- 1 - DOM key

Mushroom heads for trigger action push button
ZBG-AS 834 - Turn to release
ZBG-AS 934 - Key release



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