



Product Service

CERTIFICATE

No. B 087132 0005 Rev. 00

Holder of Certificate: **SSP Safety System
Products GmbH & Co. KG**
Zeppelinweg 4
78549 Spaichingen
GERMANY

Certification Mark:



Product: **Switches
Emergency off/emergency stop
and breaking 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.: 713186944

Valid until: 2025-01-30

Date, 2020-06-30

(Susanne Dormann)



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Model(s):

EDI B7, EDI B7B, EDI C7, EDI A1, EDI A2,
EDI A3, EDI A3B, EDI A7L, EDI A6, EDI A6B,
EDI A5, EDI A5B, EDI A4, EDI A4B, EDI ZC1,
EDI ZC2, EDI ZB2, EDI ZB1, EDI ZA1, EDI ZA2,
EDI ZD1, EDI ZD2, EDI ZH2, EDI ZI1, EDI ZH1

Parameters:

Conditions of acceptability:

"When installing all requirements of mentioned test specification(s) and conditions of acceptability must be fulfilled."

Device	Ratings
EDI B7	EDI B7: 2 NC M12-connector, 4-pol. Silver Contacts
EDI B7B	EDI B7B: 2 NC M12- connector, 8-pol. Gold Contacts
EDI C7	EDI C7: enclosure with 2 build in places 2 NC e Stop 1 NO illuminated pushbutton M12- connector, 8-pol. Gold Contacts

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Device	Ratings
	For Openings: 22mm Twist release left/right Installation position: any Class: IP65 Acc. to EN 60947-5-1, EN 60947-5-5, EN ISO 13850 complete device: Lifetime: 50.000 Storage temperature: -50°...85°C Operating temperature: -30°...70°C Tightening torque: max. 2.5Nm
EDI A1	Emergency stop button
EDI A2	Emergency stop button
EDI A3	Emergency stop button
EDI A3B	Illuminated Emergency stop button
EDI A7L	Emergency stop button
EDI A6	Emergency stop button with key release
EDI A6B	Illuminated Emergency stop button withkey release
EDI A5	Emergency stop button with key release
EDI A5B	Illuminated Emergency stop button with key release
EDI A4	Emergency stop button
EDI A4B	Illuminated Emergency stop button

Device	Ratings
EDI ZC1	Utilisation category: AC15 A600 / DC13 Q300 Rated insulation voltage Ui: AC: 600V / DC: 400V Rated operational voltage Ue: AC: 380V(1.9A) / 250V(3A) (Rated operational current Ie) DC:250V(0.27A) / 125V(0.55A) / 60V(1A) / 24V(2A) Impulse withstand voltage Uimp: 6.0kV Breaking capacity: AC: 10Ie / DC: 1.1Ie Continuous thermal current Ith: 16A Mechanical life: 1 million Electrical life: 50.000 (at rated load)

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Device	Ratings
EDI ZC2	Utilisation category: AC15 A600 / DC13 Q600 Rated insulation voltage Ui: AC: 600V / DC: 600V Rated operational voltage Ue: AC: 440V(1.6A) / 250V(3A) (Rated operational current Ie) DC: 440V(0.12A) / 250V(0.2A) / 125V(0.4A) / 60V(1A) / 24V(2A) Impulse withstand voltage Uimp: 4,0kV Breaking capacity: AC: 10Ie / DC: 1.1Ie Continuous thermal current Ith: 16A Mechanical life: 1 million Electrical life: 1 million (at rated load)

Device	Ratings
EDI ZB2	Rated insulation voltage Ui: 250 V Rated operational voltage Ue: AC15: 250V(3A) / DC13: 250V(0.2A) 125V (0.4A) 60V(1A), 24V(2A) Impulse withstand voltage Uimp: 4,0kV Breaking capacity: AC: 10Ie / DC: 1.1Ie Continuous thermal current Ith: 16A Mechanical life: 20.000 Electrical life: 20.000

Device	Ratings
EDI ZB1	Rated insulation voltage Ui(Ie) 250V Rated operational voltage Ue: AC: 250V(3A) / DC: 250V(0.27A), 125V(0.55A) 60V(1A), 24V(2A) Impulse withstand voltage Uimp: 2.5kV Breaking capacity: AC: 10Ie / DC: 1.1Ie Continuous thermal current Ith: 10A Mechanical life: 20.000 Electrical life: 20.000

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Device	Ratings
EDI ZA1	Utilisation category: AC15 A600 / DC13 Q300 Rated insulation voltage Ui: AC: 600V / DC: 400V Rated operational voltage Ue: AC: 380V(1.9A) / 240V(3A) (Rated operational current Ie) DC: 250V(0.27A) / 125V(0.55A) / 60V(1A) / 24V(2A) Impulse withstand voltage Uimp: 6,0kV Breaking capacity: AC: 10Ie / DC: 1.1Ie Continuous thermal current Ith: 16A Mechanical life: 1 million Electrical life: 50.000 (at rated load)

Device	Ratings
EDI ZA2	Utilisation category: AC15 A600 / DC13 Q600 Rated insulation voltage Ui: AC: 600V / DC: 600V Rated operational voltage Ue: AC: 440V(1.6A) / 250V(3A) (Rated operational current Ie) DC: 440V(0.12A) / 250V(0.2A) / 125V(0.4A) / 60V(1A) / 24V(2A) Impulse withstand voltage Uimp: 4,0kV Breaking capacity: AC: 10Ie / DC: 1.1Ie Continuous thermal current Ith: 16A Mechanical life: 1 million Electrical life: 1 million (at rated load)

Device	Ratings
EDI ZD1	Connection module for illuminated emergency stops 12-30Vac/dc 8-44mA
EDI ZD2	Connection module for illuminated emergency stops 12-30Vac/dc 8-44mA



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Device	Ratings
EDI ZH2	EDI ZH2 Module holder for (EDI ZC1, EDI ZC2, EDI ZB2, EDI ZB1, EDI ZA1, EDI ZA2, EDI ZD1, EDI ZD2)
EDI ZI1	EDI ZI1 Module holder for (EDI ZC1, EDI ZC2, EDI ZB2, EDI ZB1, EDI ZA1, EDI ZA2, EDI ZD1, EDI ZD2)
EDI ZH1	EDI ZH1 Module holder for (EDI ZC1, EDI ZC2, EDI ZB2, EDI ZB1, EDI ZA1, EDI ZA2, EDI ZD1, EDI ZD2)

The devices EDI A4, EDI A6, EDI A4B and EDI A6B are not confirm with the test method of "EK 9 AK 5" with decision EK-BE-75 and all other documents of EK 2018-05

Tested according to: EN 60947-5-1:2017
 EN 60947-5-5:1997/A2:2017
 EN ISO 13850:2015

Production Facility(ies): 053244, 086394