ZERTIFIKAT ◆ CERTIFICATE ◆ 認証証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

CERTIFICATE

No. B 14 03 87132 001

Holder of Certificate:

SSP Safety System Products GmbH & Co. KG
Max-Planck-Str. 21
78549 Spaichingen
GERMANY

Certification Mark:

Product:

Switches
Emergency-Off- / 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. See also notes overleaf.

Test report no.: 713035432

Valid until: 2015-11-24

575402

Date, 2014-04-03

(Harry Griebel)

TÜV SÜD Product Service GmbH · Zertifizierstelle · Ridlerstraße 65 · 80339 München · Germany

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Model(s):

Emergency Stop devices, direct opening action
equipped emergency-stop enclosure
EDI B7, EDI B7B, EDI C7
Emergency-stop
EDI A1, EDI A3, EDI A2, EDI A3B, EDI A7L, EDI A6B, EDI A6, EDI A5B, EDI A5, EDI A4, EDI A4B
Contact blocks
EDI ZC2, EDI ZB2, EDI ZA2
Connection module
EDI ZD2
Contact blocks
EDI ZC1, EDI ZB1, EDI ZA1
Connection module
EDI ZD1
Module holder
EDI ZH2, EDI ZI2, EDI ZH1

Parameters:

Required direct opening force:	max. 40N
Direct opening travel (contact block)):	>3mm
Typical operating force:	approx. 20N
Total stroke of actuator:	approx. 6...9mm
Impact strength:	100N

Remark:
Corrigendum 1 to EN ISO 13850 are included.
Protective shroud user has to test accessibility and reachability appropriate EK9 AK5 addition 1.
Further technical details see pages 3 to 4.

Tested according to:

EN 60947-5-5/A1:2005
EN 60947-5-1:2004
EN ISO 13850:2008

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Actuator Type	Ø	Contact Block	Complete Unit
EDI A1 EDI A2 EDI A3 EDI A4 EDI A5 EDI A6 EDI A3B EDI A4B	22	**Combination of EDI ZA2, 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) Breaking capacity: AC: 10Ie / DC: 1.1Ie Continuous thermal current Ith: 16A Mechanical life: 1 million Electrical life: 1 million (at rated load) **EDI ZB2** Rated insulation voltage Ui: 250V Rated operational voltage Ue(Ie): AC15: 250V(3A) DC13: 250V(0.2A),125V(0.4A) 60V(1A), 24V(2A) Breaking capacity: AC: 10Ie / DC: 1.1Ie Continuous thermal current Ith: 16A Mechanical life: 20.000 Electrical life: 20.000 Accessory: **EDI ZD2** Connection module for illuminated emergency stops 12-30V AC/DC 8-44mA **EDI ZH2** Module holder for 3 MT... elements **EDI ZI2** Module holder for 5 MT... elements	Lifetime: 50.000 ZB2 oder EDI ZB1: 20.000 (EDI A2> 6050) Storage temperature: -50°...85°C Operating temperature:-30°...70°C Tightening torque: max. 2.5Nm
EDI A5B EDI A6B		**combinations of EDI ZC1, EDI ZA1** Utilisation category: AC15 A600 / DC13 Q300 Rated insulation voltage Ui: AC: 600V / DC: 400 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) Breaking capacity: AC: 10Ie / DC: 1.1Ie Continuous thermal current Ith: 16A Mechanical life: 1 million Electrical life: 50.000 (at rated load) **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) Breaking capacity: AC: 10Ie / DC: 1.1Ie Continuous thermal current Ith: 10A Mechanical life: 20.000 Electrical life: 20.000 Accessory: **EDI ZH1** Module holder for 3 D elements **EDI ZD1** Connection module for illuminated emergency stops 12-30V AC/DC 8-44mA	

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			Product Service
EDI A7L	22	Utilisation category: AC15 B300 / DC13 Q300 Rated insulation voltage Ui: AC: 250V / DC: 250V Rated operational voltage Ue: AC: 240V(1,5A) / 125V(3A) Rated operational current Ie DC: 250V(0.27A) / 125V(0.55A) 60V(1A) / 24V(2A) Breaking capacity: AC: 10Ie / DC: 1.1Ie Continuous thermal current Ith: 5A AC / 2,5A DC	Storage temperature: -40°...80°C Operating temperature -25°...70°C Tightening torque: 1,5...1,9Nm
		Equipped EMO enclosure **EDI B7** 2 NC M12-connector, 4-pol. **EDI B7B** 2 NC M12- connector, 8-pol. **EDI C7** enclosure with 2 build in places 2 NC M12- connector, 8-pol. (L) ... illuminated	

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