

Contents	Page
<i>Declaration of conformity - Safety relays</i> _____	14:2
<i>Declaration of conformity - JSBR4</i> _____	14:3
<i>Declaration of conformity - Vital 1</i> _____	14:4
<i>Declaration of conformity - Eden, Tina, FMC-Tina and Magne</i> _____	14:5
<i>Declaration of conformity - Smile, INCA1, Stop Line and JSNY10</i> _____	14:6
<i>Declaration of conformity - Knox</i> _____	14:7
<i>Declaration of conformity - Pluto</i> _____	14:8

Descriptions and examples in this book show how the products work and can be used. This does not mean that they can meet the requirements for all types of machines and processes. The purchaser/user is responsible for ensuring that the product is installed and used in accordance with the applicable regulations and standards. We reserve the right to make changes in products and product sheets without previous notice. For the latest updates, refer to www.jokabsafety.com. 2011.

Declaration of conformity - Safety relays

Other language versions may be obtained on request.



EC Declaration of conformity

(according to 2006/42/EC, Annex 2A)

We ABB AB
JOKAB Safety
Varlabergsvägen 11
SE-434 39 Kungsbacka
Sweden

declare that the safety components of ABB AB make with type designations and safety functions as listed below, is in conformity with the Directives

2006/42/EC
2006/95/EC
2004/108/EC

Person authorised to compile
the technical file

Lars-Magnus Felth
ABB AB
JOKAB Safety
Varlabergsvägen 11
SE-434 39 Kungsbacka
Sweden

Product

EC type-examination certificate

Serialnumber

Safety relay for general use

JSBT4	44 205 09 372091-002	[000 – 000 ... 999-999]
BT50(T), BT51(T)	44 205 09 372091-003	[000 – 000 ... 999-999]
JSBT5(T)	44 205 09 372091-006	[000 – 000 ... 999-999]
JSBRT11	44 205 09 372091-010	[000 – 000 ... 999-999]
RT9	44 205 09 372091-011	[000 – 000 ... 999-999]
RT6	44 205 09 372091-012	[000 – 000 ... 999-999]
RT7	44 205 09 372091-013	[000 – 000 ... 999-999]
JSBR3	44 205 09 372091-014	[000 – 000 ... 999-999]
JSBT3	44 205 09 372091-015	[000 – 000 ... 999-999]

Expansion relays

E1T	44 205 09 372091-005	[000 – 000 ... 999-999]
JSR1T	44 205 09 372091-007	[000 – 000 ... 999-999]
JSR2A	44 205 09 372091-008	[000 – 000 ... 999-999]
JSR3T	44 205 09 372091-009	[000 – 000 ... 999-999]

Safety timer-relay

JSHT1A/B, JSHT2A/B/C	44 205 09 372091-004	[000 – 000 ... 999-999]
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EC type-examination

TÜV NORD CERT GmbH
Langemarckstrasse 20,
45141 Essen
Germany
Notified body No. 0044

Used harmonized standards

EN ISO 12100-1:2003+A1:2009, EN ISO 12100-2:2003+A1:2009,
EN 954-1:1996/EN ISO 13849-1:2008, EN 62061:2005, EN 60204-1:2006+A1:2009,
EN 60664-1:2007, EN 61000-6-1:2007, EN 61000-6-3:2007,
EN 60947-5-1:2003+A1:2009

Mats Linger
PRU Manager
Kungsbacka 2010-11-26

www.abb.com
www.jokabsafety.com

Original

Declaration of conformity - JSBR4

Other language versions may be obtained on request.



EC Declaration of conformity

(according to 2006/42/EC, Annex 2A)

We ABB AB
JOKAB Safety
Varlabergsvägen 11
SE-434 39 Kungsbacka
Sweden

declare that the safety components of ABB AB make with type designations and safety functions as listed below, are in conformity with the Directives

2006/42/EC
2006/95/EC
2004/108/EC

Person authorised to compile
the technical file

Lars-Magnus Felth
ABB AB
JOKAB Safety
Varlabergsvägen 11
SE-434 39 Kungsbacka
Sweden

Product

Safety relay for two-hand
applications and other safety
devices

JSBR4

EC type-examination certificate

44 205 09 372091-001

Serialnumber

[000 – 000 ... 999-999]

EC Type-Examination

TÜV NORD CERT GmbH
Langemarckstrasse 20,
45141 Essen
Germany

Notified body No. 0044

Used harmonized standards

EN ISO 12100-1:2003+A1:2009, EN ISO 12100-2:2003+A1:2009,
EN 574:1996+A1:2008 Type IIIc, EN 954-1:1996/EN ISO 13849-1:2008,
EN 62061:2005, EN 60204-1:2006+A1:2009, EN 60664-1:2007, EN 61000-6-1:2007,
EN 61000-6-3:2007, EN 60947-5-1:2003+A1:2009

Mats Linger
PRU Manager
Kungsbacka 2010-11-26

www.abb.com
www.jokabsafety.com

Original

Declaration of conformity- Vital 1

Other language versions may be obtained on request.



EC Declaration of conformity

(according to 2006/42/EC, Annex2A)

We ABB AB
JOKAB Safety
Varlabergsvägen 11
SE-434 39 Kungsbacka
Sweden

declare that the safety components of ABB make with type designations and safety functions as listed below, is in conformity with the Directives

2006/42/EC
2006/95/EC
2004/108/EC

Person authorised to compile the technical file

Lars-Magnus Felth
ABB AB
JOKAB Safety
Varlabergsvägen 11
SE-434 39 Kungsbacka
Sweden

<u>Product</u>	<u>EC type-examination certificate</u>	<u>Serialnumber</u>
Safety module Vital1	44 205 09 372092-001	[000 – 000 ... 999-999]

EC type-examination

TÜV NORD CERT GmbH
Langemarckstrasse 20
45141 Essen
Germany

Notified body No. 0044

Used harmonized standards

EN ISO 12100-1:2003+A1:2009, EN ISO 12100-2:2003+A1:2009,
EN 954-1:1996/EN ISO 13849-1:2008, EN 62061:2005,
EN 60204-1:2006+A1:2009, IEC 60664-1:2007, EN 61000-6-2:2005,
EN 61000-6-4:2007

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Kungsbacka 2010-11-26

www.abb.com
www.jokabsafety.com

Original

Declaration of conformity - Eden, Tina, FMC-Tina and Magne

Other language versions may be obtained on request.



EC Declaration of conformity

(according to 2006/42/EC, Annex 2A)

We ABB AB
JOKAB SAFETY
Varlabergsvägen 11
SE-434 39 Kungsbacka
Sweden

declare that the safety components of ABB AB make with type designations and safety functions as listed below, is in conformity with the Directives
2006/42/EC
2006/95/EC
2004/108/EC

Person authorised to compile
the technical file

Lars-Magnus Felth
ABB AB
JOKAB SAFETY
Varlabergsvägen 11
SE-434 39 Kungsbacka
Sweden

<u>Product</u>	<u>Certificate</u>	<u>Serialnumber</u>
Non-contact safety sensor Eden (Adam , Eva) E/C/EC	44 207 10 372092-001	[000 – 000 ... 999-999]
Adapter unit Tina 1-8, Tina 10-12	44 207 10 372092-001	[000 – 000 ... 999-999]
Muting unit FMC-Tina	44 207 10 372092-001	[000 – 000 ... 999-999]
Non-contact safety sensor including locking function Magne 2A, 2B, 2AX, 2BX	44 207 10 372092-001	[000 – 000 ... 999-999]

Notified body

TÜV NORD CERT GmbH
Langemarckstrasse 20
45141 Essen
Germany

Notified body No. 0044

Used harmonized standards

EN ISO 12100-1:2003+A1:2009, EN ISO 12100-2:2003+A1:2009,
EN 954-1:1996/EN ISO 13849-1:2008, EN 62061:2005,
EN 60204-1:2006+A1:2009, EN 60664-1:2007, EN 61000-6-2:2005,
EN 61000-6-4:2007, EN 60947-5-1:2004, EN 1088+A2:2008

Mats Linger
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Kungsbacka 2011-03-02

www.abb.com
www.jokabsafety.com

Original

Declaration of conformity - Smile, INCA1, Stop Line and JSNY10

Other language versions may be obtained on request.



EC Declaration of conformity

(according to 2006/42/EC, Annex2A)

We ABB AB
JOKAB SAFETY
Varlabergsgatan 11
SE-434 39 Kungsbacka
Sweden

declare that the safety components of ABB AB make with type designations and safety functions as listed below, is in conformity with the Directives

2006/42/EC
2006/95/EC

Person authorised to compile the technical file

Lars-Magnus Felth
ABB AB
JOKAB Safety
Varlabergsgatan 11
SE-434 39 Kungsbacka
Sweden

Product

Emergency stop device Smile,
versions 10EA, 10EAK, 11EA, 12EA,
11EAR

Emergency stop device INCA 1
Emergency stop wire Stop Line
Emergency stop wire JSNY10

Certificate

11-SKM-CM-0103

11-SKM-CM-0103

Notified Body

Inspecta Sweden AB
Box 30100
SE-104 25 Stockholm
Sweden

Notified Body No. 0409

Used harmonized standards

EN ISO 12100:2010, EN 954-1:1996, EN ISO 13849-1:2008/AC:2009,
EN 60204-1:2007+A1, EN ISO 13850:2008

Mats Linger
PRU Manager
Kungsbacka 2011-03-04

www.abb.com
www.jokabsafety.com

Original

Declaration of conformity- Knox

Other language versions may be obtained on request.



EC Declaration of conformity

(according to 2006/42/EC, Annex 2A)

We ABB AB
JOKAB Safety
Varlabergsgatan 11
SE-434 39 Kungsbacka
Sweden

declare that the safety components of ABB AB manufacture with type designations and safety functions as listed below, is in conformity with the Directives
2006/42/EC
2006/95/EC
2004/108/EC

Person authorised to compile the technical file

Lars-Magnus Felth
ABB AB
JOKAB Safety
Varlabergsgatan 11
SE-434 39 Kungsbacka
Sweden

Product

Non-contact safety sensor including locking function
Knox

Certificate

815 933

Notified body

INTERTEK SEMKO AB
Box 1103
SE-164 22 KISTA
Sweden
Notified body no 0413

Used harmonized standards

EN ISO 12100-1:2003+A1:2009, EN ISO 12100-2:2003+A1:2009,
EN 954-1:1996/EN ISO 13849-1:2008, EN 1088+A2:2008,
EN 60204-1:2006+A1:2009, EN 61000-6-2:2005, EN 61000-6-4:2007

Mats Linger
PRU Manager
Kungsbacka 2010-11-26

www.abb.com
www.jokabsafety.com

Original

Declaration of conformity - Pluto

Other language versions may be obtained on request.



EC declaration of conformity

(according to 2006/42/EC, Annex 2A)

We ABB AB declare that the safety components of ABB manufacture,
JOKAB Safety with type designations and safety functions as listed below,
Varlabergsvägen 11 are in conformity with the Directives
SE-434 39 Kungsbacka 2006/42/EC
Sweden 2004/108/EC
2006/95/EC

Person authorised to compile the technical file Göran Svensson
ABB AB
Jokab Safety
Kanalvägen 17
SE-183 30 Täby
Sweden

Programmable electronic safety system (Safety PLC system) Pluto version
A20, B20, B16, S19, S20, B46, S46, AS-i, B42 AS-i

Used harmonized standards	EN ISO 13849-1:2006/EN 954-1	(Directive 2006/42/EC)
	EN ISO 13849-1:2008	(Directive 2006/42/EC)
	EN 62061	(Directive 2006/42/EC)
	EN 61496-1	(Directive 2006/42/EC)
	EN 574	(Directive 2006/42/EC)
	EN 692	(Directive 2006/42/EC)
	EN 60204-1	(Directive 2006/95/EC)
	EN 50178	(Directive 2006/95/EC)
	EN 61000-6-2	(Directive 2004/108/EC)
EN 61000-6-4	(Directive 2004/108/EC)	
EN 61000-4-1...6	(Directive 2004/108/EC)	

Other used standards and documents IEC/EN 61508
DIN V VDE 0801:1990 with amendment A1:1994

EC Type-Examination TÜV-Rheinland
Am Grauen Stein
D-51105 Köln
Germany
Notified body No. 0035

Certificate no 01/205/5066/10

Mats Linger
PRU Manager
Kungsbacka 2011-01-01

www.abb.com
www.jokabsafety.com

Original

