

CERTIFICATE

Issued to:
Applicant:
Koncar Niskonaponske Sklopke I Prekidaci d.o.o.
Borongajska cesta 81b
10001 Zagreb, Croatia

Licensee:
Koncar Niskonaponske Sklopke I Prekidaci d.o.o.
Borongajska cesta 81b
10001 Zagreb, Croatia

Product : Switch
Trade name(s) : KONCAR
Type(s)/model(s) : GX16

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 60947-3:2009, EN 60947-3:2009/A1:2012 and EN 60947-3:2009/A2:2015
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 901295

DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 16 March 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-102860

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Henk Schendstok
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Switch
Trade name(s)	: KONCAR
Type(s)/model(s)	: GX16
Contacts per deck	: 2 single pole contacts
Number of decks	: 2 decks
Switching angles	: 30°, 45°, 60° and 90°
Rated insulation voltage (Ui)	: 690 Vac
Conventional free air thermal current (Ith)	: 16 A
Rating/utilization Category (Ue Ie)	: AC-21A 690 V, 16 A AC-3 230 V, 15 A - 4 kW 400 V, 12 A - 5,5 kW 690 V, 7 A - 5,5 kW
Rated short-time withstand current (Icw)	: 250 A - 1 sec.
Rated short-circuit making capacity (Icm)	: 1100 A peak
Rated impulse withstand voltage	: 6 kV
Operational performance	: AC-21A 1500 cycles with current 8500 cycles without current AC-3 6000 cycles with current 4000 cycles without current
Connection	: 2 x 0,5 mm ² 2 x 2,5 mm ²
Safety distance (grid)	: 10 mm, all sides

TESTS**Test requirements**

EN 60947-3:2009

EN 60947-3:2009/A1:2012

EN 60947-3:2009/A2:2015

Test result

The test results are laid down in DEKRA test file 221577400.

Additional information

This certificate replaces certificate No. 2028324.05 which we herewith declare invalid.

Conclusion

The examination proved that all requirements were met.

Factory locationKoncar Niskonaponske Sklopke I Prekidaci d.o.o.
Borongajska cesta 81b
10001 Zagreb, Croatia

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Product : Switch
Trade name(s) : KONCAR
Type(s)/model(s) : GX20

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 60947-3:2009, EN 60947-3:2009/A1:2012 and EN 60947-3:2009/A2:2015
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 901295

DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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This certificate is issued on 15 March 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-102857

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Henk Schendstok
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Switch
Trade name(s)	: KONCAR
Type(s)/model(s)	: GX20
Contacts per deck	: 2 single pole contacts
Number of decks	: 2 decks
Switching angles	: 30°, 45°, 60° and 90°
Rated insulation voltage (Ui)	: 690 Vac
Conventional free air thermal current (Ith)	: 20 A
Rating/utilization Category (Ue Ie)	: AC-21A 690 V, 20 A AC-3 230 V, 15 A - 4 kW 400 V, 12 A - 5,5 kW 690 V, 7 A - 5,5 kW
Rated short-time withstand current (Icw)	: 250 A - 1 sec.
Rated short-circuit making capacity (Icm)	: 1100 A peak
Rated impulse withstand voltage	: 6 kV
Operational performance	: AC-21A 1500 cycles with current 8500 cycles without current AC-3 6000 cycles with current 4000 cycles without current
Connection	: 2 x 0,5 mm ² 2 x 2,5 mm ²
Safety distance (grid)	: 10 mm, all sides

TESTS**Test requirements**

EN 60947-3:2009
EN 60947-3:2009/A1:2012
EN 60947-3:2009/A2:2015

Test result

The test results are laid down in DEKRA test file 221577400.

Additional information

This certificate replaces certificate No. 2028324.02 which we herewith declare invalid.

Conclusion

The examination proved that all requirements were met.

Factory location

Koncar Niskonaponske Sklopke I Prekidaci d.o.o.
Borongajska cesta 81b
10001 Zagreb, Croatia

CERTIFICATE

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Borongajska cesta 81b
10001 Zagreb, Croatia

Product : Switch
Trade name(s) : KONCAR
Type(s)/model(s) : GX32

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 60947-3:2009, EN 60947-3:2009/A1:2012 and EN 60947-3:2009/A2:2015
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 901295

DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 15 March 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-102858

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Henk Schendstok
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Switch
Trade name(s)	: KONCAR
Type(s)/model(s)	: GX32
Contacts per deck	: 2 single pole contacts
Number of decks	: 2 decks
Switching angles	: 30°, 45°, 60° and 90°
Rated insulation voltage (Ui)	: 690 Vac
Conventional free air thermal current (Ith)	: 32 A
Rating/utilization Category (Ue Ie)	: AC-21A 690 V, 32 A AC-23A 230 V, 30 A - 7,5 kW 400 V, 30 A - 15 kW 690 V, 17,5A - 15 kW
Rated short-time withstand current (Icw)	: 650 A - 1 sec.
Rated short-circuit making capacity (Icm)	: 1100 A peak
Rated impulse withstand voltage	: 6 kV
Operational performance	: 1500 cycles with current 8500 cycles without current
Connection	: 2 x 1,5 mm ² 2 x 10 mm ²
Safety distance (grid)	: 10 mm, all sides

TESTS**Test requirements**

EN 60947-3:2009
EN 60947-3:2009/A1:2012
EN 60947-3:2009/A2:2015

Test result

The test results are laid down in DEKRA test file 221577400.

Additional information

This certificate replaces certificate No. 2028324.03 which we herewith declare invalid.

Conclusion

The examination proved that all requirements were met.

Factory location

Koncar Niskonaponske Sklopke I Prekidaci d.o.o.
Borongajska cesta 81b
10001 Zagreb, Croatia

CERTIFICATE

Issued to:
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Koncar Niskonaponske Sklopke I Prekidaci d.o.o.
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10001 Zagreb, Croatia

Licensee:
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Borongajska cesta 81b
10001 Zagreb, Croatia

Product : Switch
Trade name(s) : KONCAR
Type(s)/model(s) : GX40

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 60947-3:2009, EN 60947-3:2009/A1:2012 and EN 60947-3:2009/A2:2015
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 901295

DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 16 March 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-102859

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Henk Schendstok
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Switch
Trade name(s)	: KONCAR
Type(s)/model(s)	: GX40
Contacts per deck	: 2 single pole contacts
Number of decks	: 2 decks
Switching angles	: 30°, 45°, 60° and 90°
Rated insulation voltage (Ui)	: 690 Vac
Conventional free air thermal current (Ith)	: 40 A
Rating/utilization Category (Ue Ie)	: AC-21A 690 V, 40 A AC-23A 230 V, 34 A - 7,5 kW 400 V, 35 A - 18,5 kW 690 V, 17,5 A - 15 kW
Rated short-time withstand current (Icw)	: 650 A - 1 sec.
Rated short-circuit making capacity (Icm)	: 1100 A peak
Rated impulse withstand voltage	: 6 kV
Operational performance	: 1500 cycles with current 8500 cycles without current
Connection	: 2 x 1,5 mm ² 2 x 10 mm ²
Safety distance (grid)	: 10 mm, all sides

TESTS**Test requirements**

EN 60947-3:2009
EN 60947-3:2009/A1:2012
EN 60947-3:2009/A2:2015

Test result

The test results are laid down in DEKRA test file 221577400.

Additional information

This certificate replaces certificate No. 2028324.04 which we herewith declare invalid.

Conclusion

The examination proved that all requirements were met.

Factory location

Koncar Niskonaponske Sklopke I Prekidaci d.o.o.
Borongajska cesta 81b
10001 Zagreb, Croatia