

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-disconnector
Trade name(s) : KONCAR
Type(s)/model(s) : CS 40, CS 63 and CS 80

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, EN 60947-3:2009/A1:2012/C1:2013 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

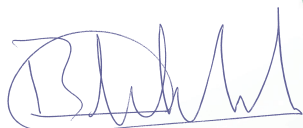
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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 20 March 2019 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-107571

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



D Huang
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: switch-disconnector
Trade name(s)	: KONCAR
Type(s)/model(s)	: CS 40, CS 63 and CS 80
Number of poles	: 3 pole 3-pole + N
Rated insulation voltage (Ui)	: 690 Vac
Rated impulse withstand voltage	: 6 kV
Operational performance	: 6000 operating cycles
Wire size	: minimum 6 mm ² rigid/flexible maximum 16 mm ² flexible 25 mm ² rigid
Enclosure	: thermoplastic material 125 mm x 175 mm x 85 mm

Product data – type CS 40

Conventional enclosed thermal current (I _{the})	: 40 A
Rating/utilization category (U _e I _e)	: AC-23A 220/230 V 43 A / 11 kW 380/400 V 36 A / 18,5 kW 660/690 V 26 A / 25 kW
	AC-21A 690 V 40 A

Rated short-time withstand current (I _{cw})	: 1100 A - 1,0 s
Rated short-circuit making capacity (I _{cm})	: 2700 A peak

Product data – type CS 63

Conventional enclosed thermal current (I _{the})	: 63 A
Rating/utilization category (U _e I _e)	: AC-23A 220/230 V 58 A / 15 kW 380/400 V 47 A / 25 kW 660/690 V 32 A / 30 kW
	AC-21A 690 V 63 A

Rated short-time withstand current (I _{cw})	: 1300 A - 1,0 s
Rated short-circuit making capacity (I _{cm})	: 2900 A peak

Product data – type CS 80

Conventional enclosed thermal current (I _{the})	:	80 A
Rating/utilization category (U _e I _e)	:	AC-23A
		220/230 V 60 A / 18,5 kW
		380/400 V 52 A / 30 kW
		660/690 V 32 A / 30 kW
		AC-21A
		690 V 80 A
Rated short-time withstand current (I _{cw})	:	1400 A - 1,0 s
Rated short-circuit making capacity (I _{cm})	:	3000 A peak

TESTS**Test requirements**

EN 60947-3:2009
EN 60947-3:2009/A1:2012
EN 60947-3:2009/A1:2012/C1:2013
EN 60947-3:2009/A2:2015

Test result

The test results are laid down in DEKRA test file 223522200.

Additional information

This certificate replaces certificate No. 2126673.02 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