

CERTIFICATE

Issued to:
Applicant:
Santon International B.V.
Hekendorpstraat 69
3079 DX Rotterdam, The Netherlands

Licensee:
Santon International B.V.
Hekendorpstraat 69
3079 DX Rotterdam, The Netherlands

Product : Rotary switch-disconnector
Trade name(s) : SANTON
Type(s)/model(s) : XC+, XC100.50 and XC150.20

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 901095

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 18 October 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-106020

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Susan Lehner
Certification Manager

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DUTCH ACCREDITATION
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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Rotary switch-disconnector
Trade name(s)	: SANTON
Type(s)/model(s)	: XC+, XC100.50 and XC150.20
Rated insulation voltage (Ui)	: 1500 V
Conventional free air thermal current (Ith)	: 60 A
Utilization category	: DC-PV1
Rating (Ue-Ie)	: see data per type
Rated impulse withstand voltage (Uimp)	: 8 kV
Connection capacity	: 1 mm ² - 4 mm ² flexible 6 mm ² - 16 mm ² with special terminal lug
Method of operation	: independent operation, rotary
Applied actuator knobs	: optionally provided with actuator knob
Number of position of contacts	: 2 positions (0°, 90° or 0°, 270°)
Number of poles type of contact	: maximum 8 poles, 1 single pole contact per pole
Contact composition	: min 1 contact in +pole and 1 contact in -pole
Degree of protection	: IP20 IP66 when mounted in an enclosure with gland of the shaft for panel mounting
For use in ambient temperatures	: -40 °C to 65 °C (Ue = 800 V) -40 °C to 70 °C (Ue = 1000 V, 1500 V)

Product data – type XC+

Rating (Ue-Ie)	: Ue = 800 Vdc / Ie = 60 A Ue = 1000 Vdc / Ie = 50 A Ue = 1500 Vdc / Ie = 20 A
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Product data – type XC100.50

Rating (Ue-Ie)	: Ue = 1000 Vdc / Ie = 50 A
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Product data – type XC150.20

Rating (Ue-Ie)	: Ue = 1500 Vdc / Ie = 20 A
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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 222099200, 223175000 and 223041500.

Additional information

This certificate replaces certificate No. 71-104667 which we herewith declare invalid.

Conclusion

The examination proved that all requirements were met.

Factory location

Santon Holland B.V.
Hekendorpstraat 69
3079 DX Rotterdam, The Netherlands