

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) : XBHP+

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 25 April 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-103683

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Kreny Lin
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Rotary switch-disconnector
Trade name(s)	: SANTON
Type(s)/model(s)	: XBHP+
Rated insulation voltage (Ui)	: 1200 V
Conventional free air thermal current (Ith)	: 50 A
Utilization category	: DC-PV1
Rating (Ue-Ie)	: Ue = 600 Vdc / Ie = 50 A Ue = 800 Vdc / Ie = 40 A Ue = 1000 Vdc / Ie = 30 A Ue = 1200 Vdc / Ie = 20 A
Rated impulse withstand voltage (Uimp)	: 8 kV
Connection capacity	: 1 mm ² - 4 mm ² flexible 6 mm ² - 10 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 70 °C (Ue = 800 V) -35 °C to 70 °C (Ue = 1000 V, 1200 V) -30 °C to 70 °C (Ue = 600 V)

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.

Conclusion

The examination proved that all requirements were met.

Factory location

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