

# 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/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 22 March 2019 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-107727

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



H.R.M. Barends  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



**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
Pollution degree	: pollution degree 2
Conventional free air thermal current (Ith)	: 50 A
Utilization category	: DC-PV1, DC-PV2
Rated short-withstand current (Icw)	: 700 A -1 s
Rated short-circuit making capacity (Icm)	: Icm = 4 x Ie per voltage rating
Rating (Ue-Ie)	: DC-PV1 Ue = 600 Vdc / Ie = 50 A Ue = 800 Vdc / Ie = 40 A Ue = 1000 Vdc / Ie = 30 A Ue = 1200 Vdc / Ie = 20 A  DC-PV2 Ue = 600 Vdc / Ie = 30 A, Icm = 120 A Ue = 800 Vdc / Ie = 20 A, Icm = 80 A Ue = 1000 Vdc / Ie = 12,5 A, Icm = 50 A Ue = 1200 Vdc / Ie = 7,5 A, Icm = 30 A
Rated impulse withstand voltage (Uimp)	: 8 kV
Connection capacity	: 1 mm <sup>2</sup> - 4 mm <sup>2</sup> flexible 6 mm <sup>2</sup> - 10 mm <sup>2</sup> 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	: DC-PV1 -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)  DC-PV2 -5 °C to 70 °C (Ue = 600 V, 800 V, 1000 V, 1200 V)

**TESTS****Test requirements**

EN 60947-3:2009

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 223464500.

**Additional information**

This certificate replaces certificate No. 71-103683 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