

# CERTIFICATE

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

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

Product(s) : rotary switch-disconnector  
Trade name(s) : SANTON  
Type(s)/model(s) : XB..., 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;
- 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.

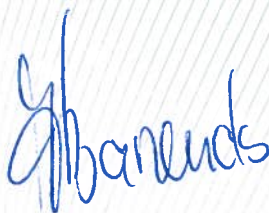
This certificate is issued on: 27 March 2015 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2174396.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood  
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)	:	XB..., XBHP....
rated insulation voltage (Ui)	:	1000 V ac
conventional free air thermal current (Ith)	:	20 A, 30 A or 45 A
ratings/utilization category (Ue-Ie)	:	DC-21B see data per type
rated short-withstand current	:	700 A - 1s
rated short-circuit making capacity (Icm)	:	1400 A
rated impulse withstand voltage (Uimp)	:	8 kV
operational performance	:	category B
- without current	:	1700 operating cycles
- with current	:	300 operating cycles
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 types E, F, G or H
number of position of contacts	:	2 positions (0°, 90° or 0°, 270°)
number of poles type of contact	:	maximum 6 poles 1 single pole contact per pole
contact composition	:	min 1 contact in + pole and 1 contact in -pole
degree of protection	:	IP20 or IP65 when mounted in an enclosure of ≥ IP 65 with gland of the shaft for panel mounting
For use in ambient temperatures	:	-40°C to 70°C On special request, rating 45 A - 600 V, -5 °C to +70 °C

**Product data - type XB....**

utilisation category	:	<u>DC-21B</u>
rated current / voltage	:	Ue 1000 V 16 A
.	:	Ue 850 V 20 A
.	:	Ue 800 V 25 A
.	:	Ue 650 V 30 A
.	:	Ue 400 V 45 A

**Product data - type XBHP....**

utilisation category	:	<u>DC-21B</u>
rated current / voltage	:	Ue 1000 V 20 A
.	:	Ue 800 V 30 A
.	:	Ue 500 V 45 A

**TESTS****Test requirements**

EN 60947-3:2009

A1:2012

A1:2012/C1:2013

**Test result**

The test results are laid down in DEKRA test file 2174396.01.

**Remarks**

This certificate replaces certificate 2174396.01, dated 10 March 2015.

**Conclusion**

The examination proved that all test requirements were met.

Tested by : M.T.H. van Gemen



Checked by : F.S. Strikwerda

**Factory locations**

Santon Holland B.V.

Hekendorpstraat 69, 3079 DX, Rotterdam

The Netherlands