

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....., XBE....., XBHP....., XBEHP.....

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: 20 January 2017 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2199573.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



H.L. Schendstok
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..., XBE..., XBHP..., XBEHP...
rated insulation voltage (Ui)	:	1000 V ac
conventional free air thermal current (Ith)	:	10 A - 45 A
ratings/utilization category (Ue-Ie)	:	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 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 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 voltage / current	:	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 XBE....

utilisation category	:	<u>DC-21B</u>
rated voltage / current	:	Ue 1000 V 10 A Ue 800 V 15 A Ue 650 V 25 A

Product data - type XBHP....

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

Product data - type XBEHP....

utilisation category	:		<u>DC-21B</u>
rated voltage / current	:	Ue 1000 V	10 A
	:	Ue 800 V	15 A
	:	Ue 650 V	25 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 2199573.01.

Remarks

This certificate replaces certificate 2174396.01 issued on 27 March 2015.

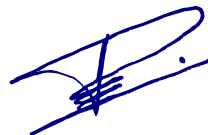
Conclusion

The examination proved that all test requirements were met.

Tested by : C.H.J. Addink



Checked by : F.S. Strikwerda

**Factory locations**

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