

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

Product	: switch-disconnector
trade name(s)	: SANTON
type(s)	: X85.16
rated insulation voltage (Ui)	: 1000 V ac
conventional free air thermal current (Ith)	: 16 A
conventional enclosed thermal current (Ithe)	: 16 A
ratings/utilization category (Ue-le)	: <u>DC-21A</u> 850 V 16 A
rated short-time withstand current (Icw)	: 480 A - 1 s
rated short-circuit making capacity (Icm)	: 1400 A
rated conditional short-circuit current (Icc)	: 5000 A when protected with fuse-links limiting the cut-off current to a maximum of 1099 A and the Joule integral 2538,21 A ² s Fuse-links during test: manufacturer Siba, type NH00, 35 A gB, type 308, 1000 V, 20 kA
rated impulse withstand voltage (Uimp)	: 8 kV
operational performance without current	: category A 8500 operating cycles
with current	: 1500 operating cycles
connection capacity	: 1 mm ² - 4 mm ² flexible
method of operation	: Independent operation, rotary,
number of position of contacts	: 4 positions (0°, 90°, 180°, 360°)
number of poles	: 12 with 1 single pole switch contact, maximum 12 layers
rating / utilization category of auxiliary circuits	: <u>AC-15</u> 250 V 16 A
number of poles	: combination of maximum 4 single pole contacts (NO or NC)
degree of protection	: IP20 or IP65 when mounted in an enclosure of \geq IP65 with gland of the shaft for panel mounting

Additional information

Remarks:

Composition of the contacts during the tests:

2 contacts in serie in the + pole and 1 contact in the -pole.

The service condition of the switch-disconnector are -5 °C to +40 °C



TESTS

Test requirements
EN 60947-3:2009

Test result
The test results are laid down in KEMA test file 2124402.07.

Conclusion
The examination proved that all test requirements were met.

Tested by : M.T.H. van Gemen

Checked by : H.L. Schendstok

Two handwritten signatures in purple ink. The first signature is above the name "M.T.H. van Gemen" and the second is above the name "H.L. Schendstok".

Factory locations
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