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Accredited by BMWA, number GZ 92714/237-IV/9/00

## Test Report

Project Designation

### TYPE TESTS AT SWITCH-DISCONNECTORS TYPE SV

Client

ELEKTROELEMENT d.d.  
Obrezija 5  
1411 Izlake  
SLOVENIJA

Order from / No

05. 07. 1999 / ---

Project number

2.03.00021.1.0/SV

Test Engineer

Ing. J. Ainetter

|                             |                       |
|-----------------------------|-----------------------|
| Date of issue               | 14. März 2001         |
| Total number of issues / No | 1 / 1                 |
| Number of pages             | 2                     |
| Annex: number of pages      | CCA-Report (36 Pages) |

The results relate exclusively to the terms tested.

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## TECHNICAL DATA

|                                           | SV163<br>SV263<br>SV363<br>SV463                                 | SV180<br>SV280<br>SV380<br>SV480                                 | SV1100<br>SV2100<br>SV3100<br>SV4100                             |
|-------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|
| Number of poles                           | 1p, 2p, 3p, 4p                                                   | 1p, 2p, 3p, 4p                                                   | 1p, 2p, 3p, 4p                                                   |
| Kind of current                           | 1p, 2p: AC, DC<br>3p, 4p: AC                                     | 1p, 2p: AC, DC<br>3p, 4p: AC                                     | 1p, 2p: AC, DC<br>3p, 4p: AC                                     |
| Utilization category                      | 1p, 2p: AC-22B<br>DC-22B<br>3p, 4p: AC-22B                       | 1p, 2p: AC-22B<br>DC-22B<br>3p, 4p: AC-22B                       | 1p, 2p: AC-22B<br>DC-22B<br>3p, 4p: AC-22B                       |
| Rated frequency                           | 1p, 2p: 50/60Hz<br>DC<br>3p, 4p: 50/60Hz                         | 1p, 2p: 50/60Hz<br>DC<br>3p, 4p: 50/60Hz                         | 1p, 2p: 50/60Hz<br>DC<br>3p, 4p: 50/60Hz                         |
| Rated operational voltage Ue              | 1p: 230/400VAC<br>24VDC<br>2p: 400VAC<br>48VDC<br>3p, 4p: 400VAC | 1p: 230/400VAC<br>24VDC<br>2p: 400VAC<br>48VDC<br>3p, 4p: 400VAC | 1p: 230/400VAC<br>24VDC<br>2p: 400VAC<br>48VDC<br>3p, 4p: 400VAC |
| Rated operational current Ie              | 63A                                                              | 80A                                                              | 100A                                                             |
| Rated insulation voltage Ui               | AC: 1000V<br>DC: 1500V                                           | AC: 1000V<br>DC: 1500V                                           | AC: 1000V<br>DC: 1500V                                           |
| Rated impulse withstand voltage Uimp      | 4000V                                                            | 4000V                                                            | 4000V                                                            |
| Conventional free air thermal current Ith | 63A                                                              | 80A                                                              | 100A                                                             |
| Rated short-time withstand current Icw    | 1200A                                                            | 1200A                                                            | 1200A                                                            |
| Rated conditional short-circuit current   | AC: 2500A<br>(with 100A fuse)                                    | AC: 2500A<br>(with 100A fuse)                                    | AC: 2500A<br>(with 100A fuse)                                    |