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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

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Annex: number of pages	CCA-Report (36 Pages)

The results relate exclusively to the terms tested.

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TECHNICAL DATA

	SV163 SV263 SV363 SV463	SV180 SV280 SV380 SV480	SV1100 SV2100 SV3100 SV4100
Number of poles	1p, 2p, 3p, 4p	1p, 2p, 3p, 4p	1p, 2p, 3p, 4p
Kind of current	1p, 2p: AC, DC 3p, 4p: AC	1p, 2p: AC, DC 3p, 4p: AC	1p, 2p: AC, DC 3p, 4p: AC
Utilization category	1p, 2p: AC-22B DC-22B 3p, 4p: AC-22B	1p, 2p: AC-22B DC-22B 3p, 4p: AC-22B	1p, 2p: AC-22B DC-22B 3p, 4p: AC-22B
Rated frequency	1p, 2p: 50/60Hz DC 3p, 4p: 50/60Hz	1p, 2p: 50/60Hz DC 3p, 4p: 50/60Hz	1p, 2p: 50/60Hz DC 3p, 4p: 50/60Hz
Rated operational voltage Ue	1p: 230/400VAC 24VDC 2p: 400VAC 48VDC 3p, 4p: 400VAC	1p: 230/400VAC 24VDC 2p: 400VAC 48VDC 3p, 4p: 400VAC	1p: 230/400VAC 24VDC 2p: 400VAC 48VDC 3p, 4p: 400VAC
Rated operational current Ie	63A	80A	100A
Rated insulation voltage Ui	AC: 1000V DC: 1500V	AC: 1000V DC: 1500V	AC: 1000V 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 (with 100A fuse)	AC: 2500A (with 100A fuse)	AC: 2500A (with 100A fuse)