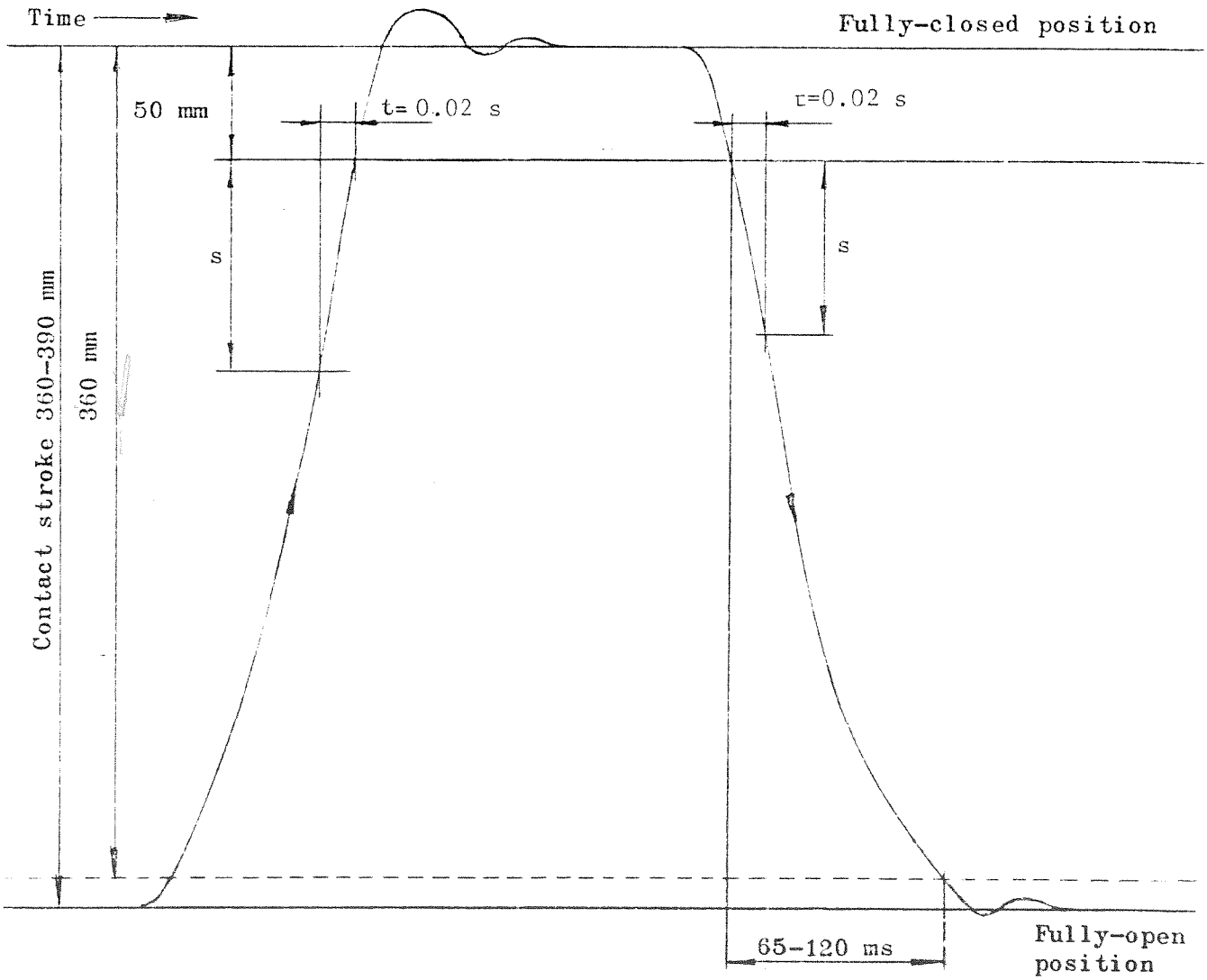
HIGH VOLTAGE APPARATUS

FUNCTIONAL VALUES
OIL-MINIMUM CIRCUIT-BREAKER TYPE HLR 145-420/250X B WITH
OPERATING MECHANISM TYPE BLG, BLG-B OR BLG-C

Closing speed s/t = 6,5-7,2 m/s
Opening speed s/t = 5,5-6.2 m/s
Closing time 130 ms Max
Opening time with BLG 35 ±3 ms
BLG-B 25 ±3 ms
BLG-C 22±3 ms

Resistance of main circuits not exceeding nx45 μΩ/pol where n is number of elements per pole.

TRAVEL DIAGRAM



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HIGH VOLTAGE APPARATUS

FUNCTIONAL VALUES

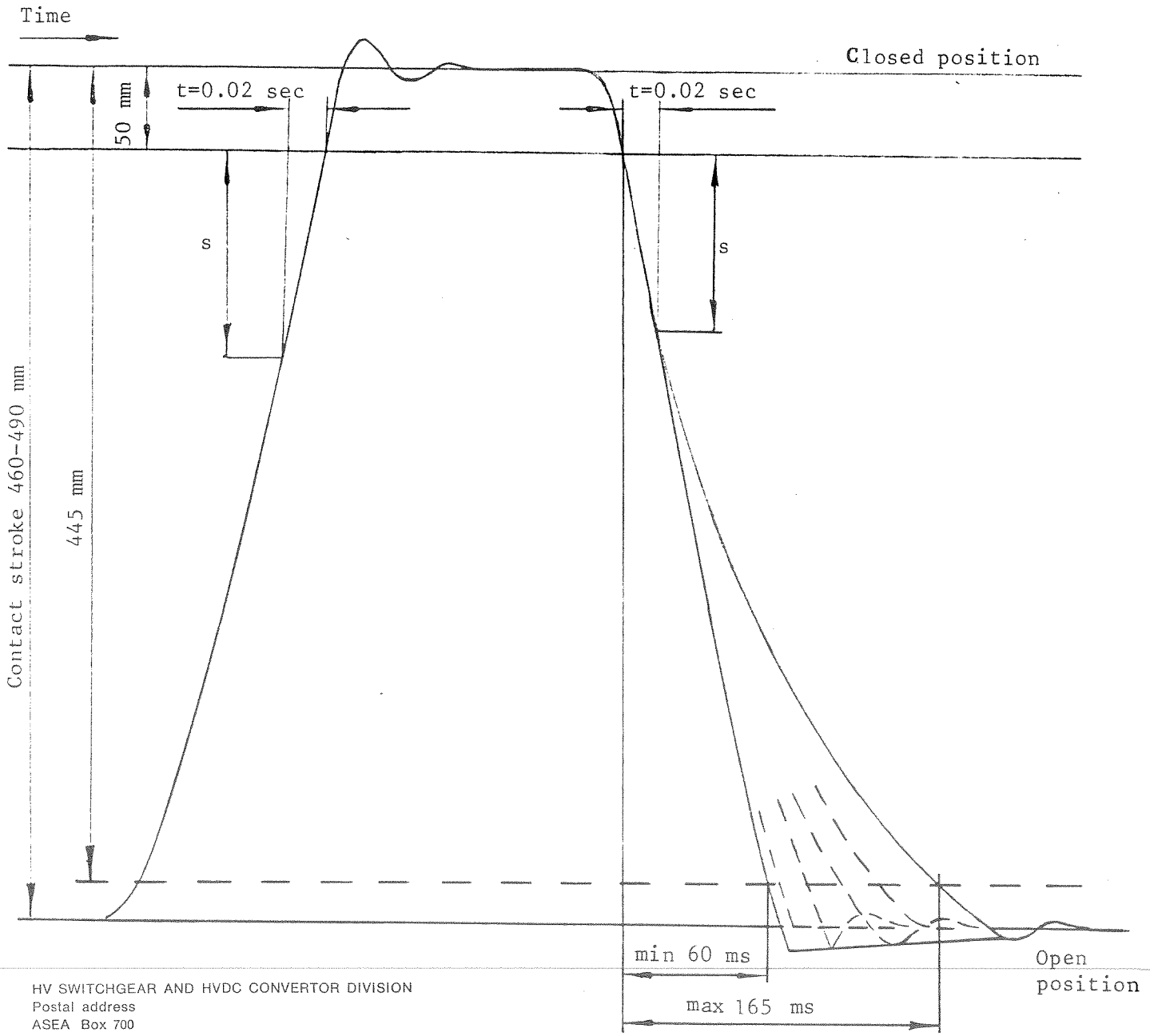
OIL-MINIMUM CIRCUIT-BREAKER TYPE HLR-E WITH OPERATING MECHANISM TYPE BLG

Closing speed		s/t = 8-9.2 m/s	Closing time	130 ms
Opening speed	HLR-E1	s/t = 7.5-8.5 m/s	Opening time BLG	34 ±5 ms
	HLR-E2	s/t = 6.8-7.8 m/s	BLG-B	25 ±3 ms
	HLR-E3	s/t = 8.0-9.0 m/s	BLG-C, BLG 500	22 ±3 ms
	HLR-E = HLR-E1			

Resistance of main circuits shall not exceed n x R μΩ/pole where n is number of breaking units per pole and R is the resistance per unit.

R = max 65 μΩ per unit with insulator length = 1100 mm
R = max 71 μΩ per "- = 1300 mm
R = max 77 μΩ per "- = 1500 mm

TRAVEL DIAGRAM



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