



Apparatus: Vacuum circuit-breaker type VD4.1225..40

Identification: GCE 7002602 R0184

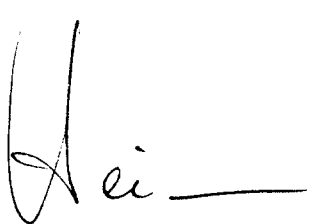

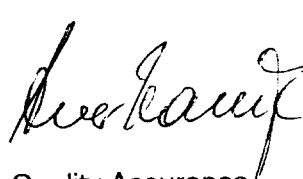
Ratings:

Rated voltage:	12	kV
Rated lightning impulse withstand voltage:	75	kV
Rated power-frequency withstand voltage:	28	kV
Rated frequency:	50	Hz
Rated normal current:	2500	A
Rated short-time withstand current:	40	kA
Rated peak withstand current:	100	kA
Rated duration of short-circuit:	3	s
Rated short-circuit breaking current:	40	kA
Rated short-circuit making current:	100	kA
Rated transient recovery voltage:	20.6	kV
Rated operating sequence:	O - 0,3s - CO - 3 min - CO	

Test reports verifying ratings assigned by the manufacturer:

Performances	Test According to	Test reports	
		No. /Date	Issued by
Dielectric test	IEC 56 Subclause 6.1	TA 154 Z 30 09/92	ABB Calor Emag Laboratories ¹⁾
Temperature-rise test	IEC 56 Subclause 6.3	HA 177 E 05 07/92	ABB Calor Emag Laboratories ¹⁾
Short-time and peak withstand current test	IEC 56 Subclause 6.5	HZ 176 F 01 10/92	ABB Calor Emag Laboratories ¹⁾
Mechanical operation test	IEC 56 Subclause 6.101	HA 176 A 04 04/95	ABB Calor Emag Laboratories ¹⁾
Making and breaking capacity test	IEC 56 Subclause 6.106	HA 176 H 34 04/95	ABB Calor Emag Laboratories ¹⁾

¹⁾ ABB Calor Emag Laboratories Ratingen are accredited according to EN 45001 by DATech under Reg. No. DAT - P - 032/93-00

 Date of Issue: 21.01.1997 Laboratories	 Development Dept	 Quality Assurance
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