



Germanischer Lloyd

# Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. 47 463 - 03 HH  
Company ABB SACE S.p.A  
Via Baioni 35  
24123 Bergamo, ITALY

Product Description Moulded Case Circuit Breaker

Type Tmax T5 400/630A S/H/L/V

Environmental Category C

Technical Data / Range of Application  
Conventional thermal current Ith (40°C): 400A/630A  
Rated operational voltage Ue: 690V AC  
Rated impulse withstand voltage Uimp: 8kV  
Rated insulation voltage Ui: 1000V  
Utilization category: A / Utilization category B for T5 S/H/L/V 400

Rated short-circuit making and breaking capacity:

	S	H	L	V
Icu 440/ 690 V [kA]	40/25	65/40	100/70	180/80
Ics 440/ 690 V [kA]	40/25	65/40 (30)*	100/70 (35)*	180/80 (40)*
Icm 440/ 690 V [kA]	84/52.5	143/84	220/154	396/176
Icw 440/ 690 V [kA]	5	5	5	5 (1sec)

\*Derating for T5 630A/690V Series

Releases: TMA 320A up to 630A; PR221DS 320A up to 630A; PR222DS 320A up to 630A, PR222MP, PR223EF-DS (Communication port for monitoring purposes only)  
Derating for plug-in version to be observed.

Test Standard Guidelines for the Performance of Type Tests, Part 1, Edition 2003, IEC 60947-2 (1995), Corrigendum (1997) and Amentment 1 (1997)

Documents Test report : LOVAG ACAE 04.014, 04.012, 03.118, 03.135, 03.119, 03.15003.123, 03.151, 04.019, 03.120, 04.013, 03.121, 03.136, 03.137, 03.122, 03.138, 03.139, 03.124, 03.134, 03.140, LBRP 5351, MM57-03 to MM60-03, EMC 21160, EMC 21221, 21369, 80SE00622/1, 80SE00622/2, 21364, A04.018, IT04.027

Remarks None

Valid until 2012-09-20

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Type Approval Symbol



File No. I.K.01

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Germanischer Lloyd

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