



# Type Approval Certificate

Germanischer Lloyd

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. 26 102 - 05 HH

Company ABB Automation Technologies AB  
Cewe-Control  
Motorgränd 20  
S-72161 Västerås

Product Description Softstarter

Type PSTB570, PSTB720, PSTB840, PSTB1050

Environmental Category C

Technical Data / Range of Application	400 V	500 V	690 V	I <sub>e</sub> (In-Line)
PSTB570	315 kW	400 kW	560 kW	570 A
PSTB720	400 kW	500 kW	710 kW	720 A
PSTB840	450 kW	560 kW	800 kW	840 A
PSTB1050	560 kW	730 kW	965 kW	1050 A

Supply voltage: 100... 250 V 50/60Hz

Rated insulation voltage U<sub>i</sub> 690 V  
Rated impulse withstand U<sub>imp</sub> 6 kV (Main circuit)  
Rated impulse withstand U<sub>imp</sub> 4 kV (Control/ Auxiliary circuit)

Starting capacity 3 x I<sub>r</sub> for 15sec  
Degree of protection: IP00 Main circuit, IP 20 Supply and control circuit  
Protection: Overload, Locked rotor protection, Phase imbalance  
High current, Phase reversal protection

Test Standard Guidelines for the Performance of Type Approvals Part 2, Edition 2003, EMC 1  
IEC 60947-4-2:1999 + A1:2001

Documents Test report : SEMKO 404957 dated 2004-04-04  
DELTA REC-E701161 dated 2005-04-21  
DELTA REC-E701112 dated 2005-04-21

Remarks None

Valid until 2010-05-25

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Type Approval Symbol



File No. I.H.02

Hamburg, 2005-05-26

Germanischer Lloyd

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This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".