



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. 26 100 - 05 HH

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

Product Description Softstarter

Type PST175, PST210, PST250, PST300

Environmental Category C

Technical Data / Range of Application	400 V	500 V	690 V	I _e (In-Line)
PST175	90 kW	110 kW	160 kW	175 A
PST210	110 kW	132 kW	184 kW	210 A
PST250	132 kW	160 kW	220 kW	250 A
PST300	160 kW	200 kW	257 kW	300 A

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

Rated insulation voltage U_i 690 V

Rated impulse withstand U_{imp} 6 kV (Main circuit)

Rated impulse withstand U_{imp} 4 kV (Control/ Auxiliary circuit)

Starting capacity 3 x I_r 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 404942 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

Page 1 of 1

Type Approval Symbol



File No. I.H.02

Hamburg, 2005-05-26

Germanischer Lloyd

W. Voß
W. Voß

Th. Reimer
Th. Reimer

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