



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. **33 064 - 06 HH**

Company **ABB STOTZ-KONTAKT GmbH**
Eppelheimer Straße 82
69123 Heidelberg, GERMANY

Product Description **Motor Starter, Motor Starter Fieldbus Interface**
FieldBusPlug

Type **MSD11-FBP, MSR22-FBP, MFI-FBP**
FBP

Environmental Category **C, EMC1**

Technical Data /
Range of Application **MSD11-FBP (MSR22-FBP):**
Direct (reverse) motor starter for switching and protecting of three-phase motors
Application: 1 motor, 1(2) direction(s) of rotation, field-bus controlled
Main components: MS 116, contactors, front plate, field bus-neutral interface
Field bus protocol depending on the field bus plug type (FBP)
Nominal operating voltage: 400 V AC, 50/60 Hz
Max. motor current AC-3: 12 A
MFI21-FBP:
Field bus interface for motor starter MS 325
Field bus protocol depending on the field bus plug type (FBP)
FBP (Field Bus Plug):
Protocol converter: field bus specific protocol / field bus-neutral protocol
Available FBPs: PDP21-FBP (PROFIBUS DP/V0), PDP22-FBP (PROFIBUS DP/V1),
ASD11-FBP (ASI Direct), ASP22-FBP (ASI Performance), DNP21-FBP (DeviceNet),
COP21-FBP (CANopen), MRP21-FBP (Modbus-RTU)
Requirement class 3

Test Standard **Guidelines for the Performance of Type Approvals, Chapter 2 - Edition 2003**

Documents **Test Reports: EMV Rhein-Neckar No. 3893-356; paconsult No. 0705-05**
Data Sheets: MSD11-FBP (11.2003), MSR22-FBP (11.2003), MFI21-FBP (10.2003);
Circuit diagrams; Construction drawings
Software Development Documentation

Remarks **None**

Valid until **2011-10-08**

Page 1 of 1

Type Approval Symbol



File No. I.B.08

Hamburg, 2006-10-09

Jürgen Wittburg *Dariusz Lesniewski*

Jürgen Wittburg

Dariusz Lesniewski

Germanischer Lloyd

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