

Appendix 1.1. Supplier Statement

Supplier name	Bernecker + Rainer Industrie-Elektronik Ges.m.b.H.
Supplier address	B&R Strasse 1
City	5142 Eggelsberg
Country	Austria
Phone	+43 - 7748 - 6586 - 0
Fax	+43 - 7748 - 6586 - 26
Website	www.br-automation.com
Product name	SafeDESIGNER
Product version	2.58
Release date	April 2008
Certified by	TÜV Rheinland

I hereby state that the following tables as filled out and submitted correspond to our product and the accompanying user manual, as stated above.

Name of representative: **Franz Kaufleitner**

Date of signature (dd/mm/yyyy): **27.01.2009**

Signature:



Supported Functions and FBs – Extended Level	Supported	Comments (< 48 Words)
AND	X	
OR	X	
XOR	X	
NOT	X	
ADD	X	
MUL		
SUB	X	
DIV		
GT, GE, EQ, LE, LT, NE	X	GT, GE, EQ, LE, LT, NE
Selection functions		
Type conversion functions	X	SAFEBOOL_TO_BOOL SAFEINT_TO_INT SAFETIME_TO_TIME SAFEWORD_TO_WORD BOOL_TO_SAFEBOOL
Time functions		
TON	X	
TOF	X	
TP	X	
CTU	X	
CTD	X	
CTUD	X	
Bistable FBs	X	SR, RS
Edge detection	X	R_TRIG, F_TRIG
Others?		

Table 5: Supported Functions and Function Blocks at Extended Level

Appendix 1.3. Overview of the supported Function Blocks

Function Blocks	Supported	Comments (<= 48 Characters)
SF_Equivalent	X	
SF_Antivalent	X	
SF_ModeSelector	X	
SF_EmergencyStop	X	
SF_ESPE	X	
SF_SafeStop1		
SF_SafeStop2		
SF_SafetyGuardMonitoring	X	
SF_SafelyLimitedSpeed		
SF_TwoHandControlTypeII	X	
SF_TwoHandControlTypeIII	X	
SF_GuardLocking	X	
SF_TestableSafetySensor	X	
SF_MutingSeq	X	
SF_MutingPar	X	
SF_MutingPar_2Sensors	X	
SF_EnableSwitch	X	
SF_SafetyRequest	X	
SF_OutControl	X	
SF_EDM	X	

Table 6: Overview of the function blocks