

Appendix 1.1. Supplier Statement

Supplier name	Bachmann electronic GmbH
Supplier address	Kreuzäckerweg 33
City	A-6800, Feldkirch
Country	Austria
Phone	+43 (0) 55 22 / 34 97 - 0
Fax	+43 (0) 55 22 / 34 97 - 43
Website	http://www.bachmann.info
Product name	Safety Developer
Product version	ab Bachmann SolutionCenter V1.41
Release date	08/2009
Certified by	TÜV SÜD, Ridlerstrasse 65, 80339 München

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: Bernhard Zangerl (CEO)

Date of signature (dd/mm/yyyy): 21.09.2009

Signature:



Supported Functions and FBs – Extended Level	Supported	Comments (< 48 Words)
AND	yes	
OR	yes	
XOR	yes	
NOT	yes	
ADD	yes	
MUL	yes	
SUB	yes	
DIV	yes	
GT, GE, EQ, LE, LT, NE	yes	
Selection functions	yes	SEL, OPTION
Type conversion functions	yes	INT_TO_TIME, TIME_TO_INT
Time functions	no	
TON	yes	
TOF	yes	
TP	yes	
CTU	yes	
CTD	yes	
CTUD	yes	
Bistable FBs	yes	RS, SR
Edge detection	yes	F_TRIG, R_TRIG
Others?	yes	Conversion from SAFE to NORMAL and NORMAL to SAFE values (latter case emits a warning)

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	yes	
SF_Antivalent	yes	
SF_ModeSelector	yes	
SF_EmergencyStop	yes	
SF_ESPE	yes	
SF_SafeStop1	no	
SF_SafeStop2	no	
SF_SafetyGuardMonitoring	yes	
SF_SafelyLimitedSpeed	no	
SF_TwoHandControlTypeII	yes	
SF_TwoHandControlTypeIII	yes	
SF_GuardLocking	yes	
SF_TestableSafetySensor	yes	
SF_MutingSeq	yes	
SF_MutingPar	yes	
SF_MutingPar_2Sensors	yes	
SF_EnableSwitch	yes	
SF_SafetyRequest	yes	
SF_OutControl	yes	
SF_EDM	yes	

Table 6: Overview of the function blocks