

**Appendix 1.1. Supplier Statement**

Supplier name	Baumüller Nürnberg GmbH
Supplier address	Ostendstrasse 80-90
City	90482 Nürnberg
Country	Deutschland
Phone	+49-911-5432-0
Fax	+49-911-5432-130
Website	<a href="http://www.baumueller.de">http://www.baumueller.de</a>
Product name	Sicherheitssteuerung b maXX safe PLC
Product version	BMC-M-SAF-02 - 11 - 02 – 00x – 00x
Release date	10/2016
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: Stefan Buchner  
Fertigungsleiter der Baumüller Nürnberg GmbH

Heinrich März  
Leiter Entwicklung Elektronik

Date of signature (dd/mm/yyyy):

Signature:

24.04.2017   
(ppa. Stefan Buchner)

21.04.2017   
(i.V. Heinrich März)

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	GE, GT, EQ, LE, LT, NE
Selection functions	-	
Type conversion functions	X	SAFEWORD_TO_SAFEBOOLS SAFEBOOLS_TO_SAFEWORD SAFEBITS_TO_SAFEBYTE SAFEBITS_TO_SAFEWORD SAFEBYTE_TO_SAFEBITS SAFEBYTES_TO_SAFEWORD SAFEDWORD_TO_SAFEWORDS SAFEINT_CONVERT_ENDIANESS SAFEWORD_TO_SAFEBITS SAFEWORD_TO_SAFEBYTES SAFEWORDS_TO_SAFEDWORD
Time functions	-	
TON	X	
TOF	X	
TP	X	
CTU	X	
CTD	X	
CTUD	X	
Bistable FBs	X	SR, RS
Edge detection	X	F_TRIG, R_TRIG
Others:		
- Clock puls generation	X	PULS_GEN_S, PULS_GEN
- Shift functions	X	SHL_WORD, SHR_WORD

**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	Name: SF_GuardMonitoring
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**