# **CERTIFICATE OF COMPLIANCE**

#### **Certificate N°:**

**Applicant:** 

2719 **Basic Electronics Company** Limited

Issue date: Issued to:

March 1st, 2022 Basic Electronics Company Limited

Al Khaldiah District. Dammam, Kingdom of Al Khaldiah District, Dammam, Kingdom of Saudi Arabia

1402-Dammam Saudi Arabia

Saudi Arabia

1402-Dammam Saudi Arabia

## The certified product listed below is eligible to bear the DLMS UA Mark shown



#### PRODUCT

Model:	BE3160WC		
Туре:	BE3160WC		
Firmware ID:	Id=BE3160WC V=04.00		
Mgmt LDN (sap = 1):	"41534832323230373030303031303230" (ASH2220700001020)		
Manufacturer:	Basic Electronics Company Limited		
Media Identifiers:	Abstract, Electricity		
CONFORMANCE SPECIFICATION			
COSEM IF Classes and OBIS Codes:	Blue Book Ed. 14		
DLMS/COSEM Protocol:	Green Book Ed. 10		
TEST TOOL & SPEC.			
Test Specification:	Yellow Book Ed. 8		
Test Tool Version:	CTT 4.1		
Test Tool Licensee:	Hangzhou Meteronic Technology Co., Ltd.		
COSEM Object definition file:	Object_defs_v14.0_Released_211011.dat		
Communication profiles:	HDLC, TCP		

This Certificate of Compliance is based on an evaluation of a test report based on a single test executed on one specimen of the product, as identified by the Product data above. This Certificate is issued on the condition that the holder complies and will continue to comply with the requirement and procedures issued by DLMS UA.. The authenticity of the test report has been verified by the DLMS User Association and the equipment identified above is listed on its web site at: www.dlms.com.

# **ADLMS®** CERTIFICATE OF COMPLIANCE

### Certificate N°: 2719

Certificate Nº: 2719						
Test File: BE3160WC-HDLC tested with CTT 4.1, release 100						
* Identification * **********						
Identification = { Applicant = "\Basic Electronics Company Limited" FLAGid = "\ASH" Manufacturer = "\Basic Electronics Company Limited" Type = "\BE3160WC"						
ConfigurationId = "\00001020" SerialNr = "\00001020"						
] ************************************						
* Summary * **********						
TEST SUITE	TOTAL	PASSED	FAILED			
	52 6 3283	35 52 6 3283	0 0 0 0			
DP SymKey	0 9	0 9	0 0			
SecPol	6	6	0			
Communication profile: HDLC						
Logical device Active firmwa		SAP = 1 is "41534832323230373030303031303230" (ASH2220700001020) Id=BE3160WC V=04.00				
Application c	ontext names:	LONG_NAMES LONG_NAMES_WITH_CIPHERING				
		NO_SECURITY LOW_LEVEL_SECURITY HIGH_LEVEL_SECURITY_GMAC				
ACSE and xD	LMS features:	ACTION GET SERVICE_SPECIFIC SET	_BLOCK_TRANSFER			
Security featu	ures:	SERVICE_SPECIFIC_DED_CIPHERING SERVICE_SPECIFIC_GLO_CIPHERING SUITE_0, SECURITY_ACTIVATE, KEY_TRANSFER				
COSEM class	COSEM classes tested: 1,3,4,7(1),8,11,15(2),17,18,19,20, 23,41,42,64(1),70					

<b>ADLMS<sup>®</sup></b> CERTIFICATE OF COMPLIANCE						
	Cert	ificate N°: 2719				
Test File: BE3 ******	160WC-MODE tested	with CTT 4.1, release	100			
* Identificatic						
Identification = { Applicant = "\Basic Electronics Company Limited" FLAGid = "\ASH" Manufacturer = "\Basic Electronics Company Limited" Type = "\BE3160WC" ConfigurationId = "\00001020" SerialNr = "\00001020"						
} **********						
* Summary * *************						
TEST SUITE	TOTAL	PASSED	FAILED			
APPL SecMsg COSEM DP		52 6 3283 0	0 0 0 0 0			
SymKey SecPol	9	9 6	0 0			
Communicat	ion profile:	HDLC				
	Il device(s) found: SAP = 1 is "41534832323230373030303031303230" (ASH222070000102					
Application c	ontext names:	LONG_NAMES LONG_NAMES_WITH_CIPHERING				
Authenticatio	on mechanisms:	NO_SECURITY LOW_LEVEL_SECURITY HIGH_LEVEL_SECURITY_GMAC				
ACSE and xD	LMS features:	ACTION GET SERVICE_SPECIFIC_BLOCK_TRANSFER SET				
Security feat	ures:	SERVICE_SPECIFIC_DED_CIPHERING SERVICE_SPECIFIC_GLO_CIPHERING SUITE_0, SECURITY_ACTIVATE, KEY_TRANSFER				
COSEM class	COSEM classes tested: 1,3,4,7(1),8,11,15(2),17,18,19,20, 23,41,42,64(1),70					

			S®		
С	ERTIFIC/	ATE OF C	OMPLIANCE		
		icate Nº: 2719	_		
**************************************	on * ***** n = { * "\Basic Electronics Co ASH" rer = "\Basic Electronic 3160WC"	ompany Limited"	0		
Configurat SerialNr = "	ionId = "\00001020" \00001020"				
} ***********	c .				
* Summary '					
TEST SUITE	TOTAL	PASSED	FAILED		
APPL SecMsg COSEM DP SymKey SecPol	57 6	57 6 3283 0 9 6	0 0 0 0 0		
Communica	tion profile:	ТСР			
Logical device(s) found: (ASH2220700001020) Active firmware(s):		SAP = 1 is "41534832323230373030303031303230"			
		Id=BE3160WC V=04.00			
Application context names:		LONG_NAMES LONG_NAMES_WITH_CIPHERING			
Authentication mechanisms:		NO_SECURITY LOW_LEVEL_SECURITY HIGH_LEVEL_SECURITY_GMAC			
ACSE and xDLMS features:		ACTION GET RLRQ_RLRE SERVICE_SPECIFIC_BLOCK_TRANSFER SET			
Security features:		SERVICE_SPECIFIC_DED_CIPHERING SERVICE_SPECIFIC_GLO_CIPHERING SUITE_0, SECURITY_ACTIVATE, KEY_TRANSEER			

KEY\_TRANSFER

COSEM classes tested:

1,3,4,7(1),8,11,15(2),17,18,19,20, 23,41,42,64(1),70