Classification Report

BASEC Client	**Caleb Cable Industrial Limited**
Report No.	KCPR1040-9 Classification
	Number of pages in this Report: 6
Issue Date	**16 December 2016**

Items Tested	2 samples of Alarm Cable
Specification(s)	BS EN 13501-6:2014

Authorised by: I McGuinness Laboratory Manager

Issue Date: 16 December 2016

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BASEC Report No: KCPR1040-9 Classification

Introduction

This classification report defines the classification assigned to the product, Alarm Cables, in accordance with the procedures given in BS EN 13501-6:2014

BASEC
BRITISH APPROVALS SERVICE FOR CABLES

CLASSIFICATION OF REACTION TO FIRE FOR ELECTRIC CABLES IN ACCORDANCE WITH BS EN 13501-6:2014

Sponsor:	**Caleb Cable Industrial Limited**
Prepared for:	**Caleb Cable Industrial Limited**
Place of Manufacture:	**107 Luyuan Road, Ke Yuan Cheng, Tangxia, Dongguan, China**
Prepared by:	British Approvals Service for Cables, Presley House, Presley Way, Crownhill Milton Keynes, MK8 0ES, United Kingdom
Notified Body No.	2661
Cable Family Name:	**Alarm Cable CCA PVC Shielded**
Classification Report No.	**KCPR1040-9 Classification**
Issue number:	1
Date of issue:	**16 December 2016**

This classification report consists of 7 pages and may only be used or reproduced in its entirety.

BASEC Report No: KCPR1040-9 Classification

Details of classified product

General

This classification report defines the classification for the Alarm Cables in accordance with the procedures given in BS EN 13501-6:2014.

Product description

The Alarm Cables are as described in Sample details below.

Traceability

The test samples submitted by the manufacturer and received on 6 December 2016.

Sample details

Parameter	**Details**
Test sponsor	Caleb Cable Industrial Limited
Manufacturer of sample	Caleb Cable Industrial Limited
Place of manufacture	107 Luyuan Road, Ke Yuan Cheng, Tangxia, Dongguan, China
Cables submitted for test	
Alarm Cable CCA PVC Shielded 2x0.22mm^2	*2x0.22mm^2 copper clad aluminium conductors, PVC insulation, Al-Pet tape, rip cord, PVC jacket: 3.1mm OD*
Alarm Cable CCA PVC Shielded 2x0.5mm^2+8x0.22mm^2	2x0.5mm^2+8x0.22mm^2 *copper clad aluminium conductors, PVC insulation, Al-Pet tape, rip cord, PVC jacket: 5.8mm OD*

Italicised text is information supplied by the sponsor

BASEC Report No: KCPR1040-9 Classification

Reports & results in support of this classification

Reports

Name of Laboratory	Name of test sponsor	Test reports Nos.	Test method/field of application rules
BASEC	Caleb Cable Industrial Limited	KCPR1040	BS EN 60332–1-2:2004 + A1:2015

Results

Cable	Parameter	No. tests runs	Results	
			Continuous parameter	Compliance with parameters Criterion for Class Eca
Alarm Cable CCA PVC Shielded 2x0.22mm^2	H	1	99mm	≤ 425mm / Compliant
Alarm Cable CCA PVC Shielded 2x0.5mm^2+8x0.22mm^2	H	1	210mm	≤ 425mm / Compliant

BASEC Report No: KCPR1040-9 Classification

Classification and field of application

Reference of classification

This classification has been carried out in accordance with BS EN 13501-6:2014

Classification

The Alarm Cables in relation to reaction to fire behaviour are classified:

E_{ca}

The format of the reaction to fire classification for electric cables is:

Fire Behaviour		Smoke Production			Flaming Droplets			Acidity	
E_{ca}	-	-	-	,	-	-	,	-	-

Reaction to fire classification: E_{ca}

The classification assigned to the products in this report is appropriate to a declaration of conformity by the manufacturer within the context of system 3 attestation of conformity and CE marking under the Construction Products Regulation.

The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of samples tested.

BASEC Report No: KCPR1040-9 Classification

Field of application

This classification is valid for the Alarm Cables described in 'Sample details' and listed below

Cable Identification	Product Code	Reaction to Fire Classification
Alarm Cable CCA PVC Shielded 2x0.22mm^2	Alarm Cable 2CxCCA0.22mm^2 PVC Shielded	E_{ca}
Alarm Cable CCA PVC Shielded 4x0.22mm^2	Alarm Cable 4CxCCA0.22mm^2 PVC Shielded	
Alarm Cable CCA PVC Shielded 6x0.22mm^2	Alarm Cable 6CxCCA0.22mm^2 PVC Shielded	
Alarm Cable CCA PVC Shielded 8x0.22mm^2	Alarm Cable 8CxCCA0.22mm^2 PVC Shielded	
Alarm Cable CCA PVC Shielded 10x0.22mm^2	Alarm Cable 10CxCCA0.22mm^2 PVC Shielded	
Alarm Cable CCA PVC Shielded 12x0.22mm^2	Alarm Cable 12CxCCA0.22mm^2 PVC Shielded	
Alarm Cable CCA PVC Shielded 2x0.50mm^2+2x0.22mm^2	Alarm Cable 2CxCCA0.50mm^2+2CxCCAx0.22mm^2 PVC Shielded	
Alarm Cable CCA PVC Shielded 2x0.50mm^2+4x0.22mm^2	Alarm Cable 2CxCCA0.50mm^2+4CxCCA0.22mm^2 PVC Shielded	
Alarm Cable CCA PVC Shielded 2x0.50mm^2+6x0.22mm^2	Alarm Cable 2CxCCA0.50mm^2+6CxCCA0.22mm^2 PVC Shielded	
Alarm Cable CCA PVC Shielded 2x0.50mm^2+8x0.22mm^2	Alarm Cable 2CxCCA0.50mm^2+8CxCCA0.22mm^2 PVC Shielded	
Alarm Cable CCA PVC Shielded 2x0.75mm^2+2x0.22mm^2	Alarm Cable 2CxCCA0.75mm^2+2CxCCA0.22mm^2 PVC Shielded	
Alarm Cable CCA PVC Shielded 2x0.75mm^2+4x0.22mm^2	Alarm Cable 2CxCCA0.75mm^2+4CxCCA0.22mm^2 PVC Shielded	
Alarm Cable CCA PVC Shielded 2x0.75mm^2+6x0.22mm^2	Alarm Cable 2CxCCA0.75mm^2+6CxCCA0.22mm^2 PVC Shielded	
Alarm Cable CCA PVC Shielded 2x0.75mm^2+8x0.22mm^2	Alarm Cable 2CxCCA0.75mm^2+8CxCCA0.22mm^2 PVC Shielded	
Alarm Cable TCCA PVC Shielded 2x0.22mm^2	Alarm Cable 2CxTCCA0.22mm^2 PVC Shielded	
Alarm Cable TCCA PVC Shielded 4x0.22mm^2	Alarm Cable 4CxTCCA0.22mm^2 PVC Shielded	
Alarm Cable TCCA PVC Shielded 6x0.22mm^2	Alarm Cable 6CxTCCA0.22mm^2 PVC Shielded	
Alarm Cable TCCA PVC Shielded 8x0.22mm^2	Alarm Cable 8CxTCCA0.22mm^2 PVC Shielded	

This classification is valid for all end-use applications

Limitations

This classification will be valid whilst;

- The test methods remain unchanged,
- The product standard or technical approval remains unchanged,
- Constructional or material modifications do not exceed limits of the field of application.

The manufacturer has made a declaration, which is held on file, which the product placed in the marketplace, named in product description section of this report and produced at the manufacturing plant listed therein, is exactly the same as the product that was tested.

This classification document does not represent type approval or certification of the product.

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