



Product Service

CERTIFICATE

No. B 080523 0013 Rev. 00

Holder of Certificate: Charoong Thai Wire & Cable
Public Company Limited
 35/1 Moo 22 Suwinthawong Road Km.63
 Bangnumpruiw
 Chachoengsao 24000
 THAILAND

Certification Mark:



Product: Fire Resistant Cables
 CU/MICA/XLPE(LSHF-XLPE)/LSHF/AWA/LSHF
 (FRC-XL 600S: With Armour)

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: 7191205261/06-TR
Valid until: 2024-07-02

Date, 2019-07-10 
 (HIOK PHENG TAN)





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Model(s): FRC-XL 600S : With Armour

Brand Name: CTW

Parameters:

Voltage : 600/1000V
 Conductor : Stranded circular plain copper wires (class 2)
 Fire resistance layer : Mica tape
 Insulation : XLPO (LSHF-XLPE)
 Bedding : Low smoke & Halogen free flame retardant compound (LSHF)
 Armour : Aluminium wires
 Binder : Non-hygroscopic tape
 Oversheath : Low smoke & Halogen free flame retardant compound (LSHF)
 Size : 1C x 1.5 mm² to 1C x 630 mm²

Test report number(s)	Test Standard(s)
7191205261-EEC19/05	BS 6387: 2013 IEC 60332-3-22: 2018 IEC 60332-3-23: 2018 IEC 60332-3-24: 2018 IEC 60332-1 2: 2004/AMD1: 2015 IEC 61034-2: 2005/AMD1: 2013 IEC 60754-1: 2011 IEC 60754-2: 2011
7191205261-EEC19/06-01	BS 6387: 2013 IEC 60332-3-22: 2018 IEC 60332-3-23: 2018 IEC 60332-3-24: 2018 IEC 60332-1 2: 2004/AMD1: 2015 IEC 61034-2: 2005/AMD1: 2013 IEC 60754-1: 2011 IEC 60754-2: 2011
7191046678-EEC12/11-02	IEC 60502-1: 2004/AMD1: 2009
7191046678-EEC12/12-02	IEC 60502-1: 2004/AMD1: 2009
7191046678-EEC12/13-02	IEC 60502-1: 2004/AMD1: 2009
7191046678-EEC12/14-02	IEC 60502-1: 2004/AMD1: 2009
7191046678-EEC12/15-02	IEC 60502-1: 2004/AMD1: 2009
7191205261-EEC19/06-02	IEC 60502-1: 2004/AMD1: 2009

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No. of Core (C)	Size (mm ²)
1	1.5
1	2.5
1	4
1	6
1	10
1	16
1	25
1	35
1	50
1	70
1	95
1	120
1	150
1	185
1	240
1	300
1	400
1	500
1	630

Initial Certificate Number: B 13 04 80523 004

Tested according to:

- BS 6387:2013
- IEC 60502-1:2004
- IEC 60502-1:2004/AMD1:2009
- IEC 60332-1-2:2004
- IEC 60332-1-2:2004/AMD1:2015
- IEC 60332-3-22:2018
- IEC 60332-3-23:2018
- IEC 60332-3-24:2018
- IEC 60754-1:2011
- IEC 60754-2:2011
- IEC 61034-2:2005
- IEC 61034-2:2005/AMD1:2013

Production Facility(ies): 080523

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